1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP(ANT41)

1.1.1 Test Result

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	23.84	-0.81	23.03	<=33.01	Pass
			13	23.84	-0.81	23.03	<=33.01	Pass
			24	23.69	-0.81	22.88	<=33.01	Pass
		12	0	22.87	-0.81	22.06	<=33.01	Pass
			6	22.92	-0.81	22.11	<=33.01	Pass
			13	22.88	-0.81	22.07	<=33.01	Pass
		25	0	22.91	-0.81	22.10	<=33.01	Pass
	2535	1	0	23.89	-0.81	23.08	<=33.01	Pass
			13	24.13	-0.81	23.32	<=33.01	Pass
			24	23.83	-0.81	23.02	<=33.01	Pass
		12	0	22.98	-0.81	22.17	<=33.01	Pass
			6	22.99	-0.81	22.18	<=33.01	Pass
			13	22.94	-0.81	22.13	<=33.01	Pass
		25	0	22.93	-0.81	22.12	<=33.01	Pass
	2567.5	1	0	23.88	-0.81	23.07	<=33.01	Pass
			13	24.10	-0.81	23.29	<=33.01	Pass
			24	23.84	-0.81	23.03	<=33.01	Pass
		12	0	22.94	-0.81	22.13	<=33.01	Pass
			6	22.95	-0.81	22.14	<=33.01	Pass
			13	22.93	-0.81	22.12	<=33.01	Pass
		25	0	22.91	-0.81	22.10	<=33.01	Pass
16QAM	2502.5	1	0	23.66	-0.81	22.85	<=33.01	Pass
			13	24.05	-0.81	23.24	<=33.01	Pass
			24	23.63	-0.81	22.82	<=33.01	Pass
		12	0	21.95	-0.81	21.14	<=33.01	Pass
			6	21.97	-0.81	21.16	<=33.01	Pass
			13	21.84	-0.81	21.03	<=33.01	Pass
		25	0	21.91	-0.81	21.10	<=33.01	Pass
	2535	1	0	24.04	-0.81	23.23	<=33.01	Pass
			13	23.91	-0.81	23.10	<=33.01	Pass
			24	23.91	-0.81	23.10	<=33.01	Pass
		12	0	22.03	-0.81	21.22	<=33.01	Pass
			6	22.04	-0.81	21.23	<=33.01	Pass
			13	21.96	-0.81	21.15	<=33.01	Pass
		25	0	22.02	-0.81	21.21	<=33.01	Pass
	2567.5	1	0	23.84	-0.81	23.03	<=33.01	Pass
			13	23.76	-0.81	22.95	<=33.01	Pass
			24	23.76	-0.81	22.95	<=33.01	Pass
		12	0	21.95	-0.81	21.14	<=33.01	Pass
			6	21.99	-0.81	21.18	<=33.01	Pass
			13	21.95	-0.81	21.14	<=33.01	Pass
		25	0	21.98	-0.81	21.17	<=33.01	Pass
64QAM	2502.5	1	0	23.53	-0.81	22.72	<=33.01	Pass
			13	23.31	-0.81	22.50	<=33.01	Pass
			24	23.48	-0.81	22.67	<=33.01	Pass
		12	0	21.84	-0.81	21.03	<=33.01	Pass
			6	21.90	-0.81	21.09	<=33.01	Pass
			13	21.83	-0.81	21.02	<=33.01	Pass
		25	0	21.88	-0.81	21.07	<=33.01	Pass

	2535	1	0	23.45	-0.81	22.64	<=33.01	Pass
			13	23.60	-0.81	22.79	<=33.01	Pass
			24	23.61	-0.81	22.80	<=33.01	Pass
		12	0	21.92	-0.81	21.11	<=33.01	Pass
			6	21.98	-0.81	21.17	<=33.01	Pass
			13	22.04	-0.81	21.23	<=33.01	Pass
		25	0	21.96	-0.81	21.15	<=33.01	Pass
	2567.5	1	0	23.66	-0.81	22.85	<=33.01	Pass
			13	23.58	-0.81	22.77	<=33.01	Pass
			24	23.44	-0.81	22.63	<=33.01	Pass
		12	0	22.01	-0.81	21.20	<=33.01	Pass
			6	22.01	-0.81	21.20	<=33.01	Pass
			13	22.01	-0.81	21.20	<=33.01	Pass
		25	0	22.00	-0.81	21.19	<=33.01	Pass
256QAM	2502.5	1	0	20.92	-0.81	20.11	<=33.01	Pass
			13	21.07	-0.81	20.26	<=33.01	Pass
			24	20.81	-0.81	20.00	<=33.01	Pass
		12	0	20.90	-0.81	20.09	<=33.01	Pass
			6	20.87	-0.81	20.06	<=33.01	Pass
			13	20.84	-0.81	20.03	<=33.01	Pass
		25	0	20.81	-0.81	20.00	<=33.01	Pass
	2535	1	0	21.00	-0.81	20.19	<=33.01	Pass
			13	21.08	-0.81	20.27	<=33.01	Pass
			24	20.97	-0.81	20.16	<=33.01	Pass
		12	0	20.97	-0.81	20.16	<=33.01	Pass
			6	21.01	-0.81	20.20	<=33.01	Pass
			13	20.95	-0.81	20.14	<=33.01	Pass
		25	0	20.98	-0.81	20.17	<=33.01	Pass
	2567.5	1	0	21.05	-0.81	20.24	<=33.01	Pass
			13	21.03	-0.81	20.22	<=33.01	Pass
			24	20.96	-0.81	20.15	<=33.01	Pass
		12	0	21.00	-0.81	20.19	<=33.01	Pass
			6	20.95	-0.81	20.14	<=33.01	Pass
			13	20.99	-0.81	20.18	<=33.01	Pass
		25	0	20.94	-0.81	20.13	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B7_10MHz_EIRP

1.2.1 Test Result

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	23.78	-0.81	22.97	<=33.01	Pass
			25	23.69	-0.81	22.88	<=33.01	Pass
			49	23.73	-0.81	22.92	<=33.01	Pass
		25	0	22.89	-0.81	22.08	<=33.01	Pass
			13	22.89	-0.81	22.08	<=33.01	Pass
			25	22.91	-0.81	22.10	<=33.01	Pass
		50	0	22.86	-0.81	22.05	<=33.01	Pass
	2535	1	0	23.84	-0.81	23.03	<=33.01	Pass
			25	24.09	-0.81	23.28	<=33.01	Pass
			49	23.80	-0.81	22.99	<=33.01	Pass
		25	0	22.98	-0.81	22.17	<=33.01	Pass
			13	23.01	-0.81	22.20	<=33.01	Pass
			25	23.04	-0.81	22.23	<=33.01	Pass

		50	0	22.87	-0.81	22.06	<=33.01	Pass
	2565	1	0	23.82	-0.81	23.01	<=33.01	Pass
			25	24.01	-0.81	23.20	<=33.01	Pass
			49	23.95	-0.81	23.14	<=33.01	Pass
		25	0	22.95	-0.81	22.14	<=33.01	Pass
			13	22.96	-0.81	22.15	<=33.01	Pass
			25	23.00	-0.81	22.19	<=33.01	Pass
		50	0	22.92	-0.81	22.11	<=33.01	Pass
16QAM	2505	1	0	23.89	-0.81	23.08	<=33.01	Pass
			25	23.85	-0.81	23.04	<=33.01	Pass
			49	23.64	-0.81	22.83	<=33.01	Pass
		25	0	21.94	-0.81	21.13	<=33.01	Pass
			13	21.95	-0.81	21.14	<=33.01	Pass
			25	21.89	-0.81	21.08	<=33.01	Pass
		50	0	21.86	-0.81	21.05	<=33.01	Pass
	2535	1	0	23.88	-0.81	23.07	<=33.01	Pass
			25	23.77	-0.81	22.96	<=33.01	Pass
			49	23.59	-0.81	22.78	<=33.01	Pass
		25	0	21.86	-0.81	21.05	<=33.01	Pass
			13	22.07	-0.81	21.26	<=33.01	Pass
			25	22.02	-0.81	21.21	<=33.01	Pass
		50	0	21.88	-0.81	21.07	<=33.01	Pass
	2565	1	0	23.55	-0.81	22.74	<=33.01	Pass
			25	23.83	-0.81	23.02	<=33.01	Pass
			49	23.88	-0.81	23.07	<=33.01	Pass
		25	0	21.98	-0.81	21.17	<=33.01	Pass
			13	21.99	-0.81	21.18	<=33.01	Pass
			25	21.98	-0.81	21.17	<=33.01	Pass
		50	0	21.96	-0.81	21.15	<=33.01	Pass
64QAM	2505	1	0	23.67	-0.81	22.86	<=33.01	Pass
			25	23.29	-0.81	22.48	<=33.01	Pass
			49	23.55	-0.81	22.74	<=33.01	Pass
		25	0	21.95	-0.81	21.14	<=33.01	Pass
			13	21.95	-0.81	21.14	<=33.01	Pass
			25	21.90	-0.81	21.09	<=33.01	Pass
		50	0	21.87	-0.81	21.06	<=33.01	Pass
	2535	1	0	23.41	-0.81	22.60	<=33.01	Pass
			25	23.50	-0.81	22.69	<=33.01	Pass
			49	23.59	-0.81	22.78	<=33.01	Pass
		25	0	21.87	-0.81	21.06	<=33.01	Pass
			13	22.07	-0.81	21.26	<=33.01	Pass
			25	22.02	-0.81	21.21	<=33.01	Pass
		50	0	21.92	-0.81	21.11	<=33.01	Pass
	2565	1	0	23.69	-0.81	22.88	<=33.01	Pass
			25	23.51	-0.81	22.70	<=33.01	Pass
			49	23.45	-0.81	22.64	<=33.01	Pass
		25	0	21.98	-0.81	21.17	<=33.01	Pass
			13	21.96	-0.81	21.15	<=33.01	Pass
			25	21.97	-0.81	21.16	<=33.01	Pass
		50	0	22.04	-0.81	21.23	<=33.01	Pass
256QAM	2505	1	0	20.89	-0.81	20.08	<=33.01	Pass
			25	20.84	-0.81	20.03	<=33.01	Pass
			49	21.04	-0.81	20.23	<=33.01	Pass
		25	0	20.86	-0.81	20.05	<=33.01	Pass
			13	20.86	-0.81	20.05	<=33.01	Pass
			25	20.79	-0.81	19.98	<=33.01	Pass
		50	0	20.86	-0.81	20.05	<=33.01	Pass
	2535	1	0	20.97	-0.81	20.16	<=33.01	Pass
			25	21.33	-0.81	20.52	<=33.01	Pass

			49	21.05	-0.81	20.24	<=33.01	Pass
		25	0	20.90	-0.81	20.09	<=33.01	Pass
			13	20.96	-0.81	20.15	<=33.01	Pass
			25	20.91	-0.81	20.10	<=33.01	Pass
		50	0	20.93	-0.81	20.12	<=33.01	Pass
	2565	1	0	20.83	-0.81	20.02	<=33.01	Pass
			25	21.08	-0.81	20.27	<=33.01	Pass
			49	21.07	-0.81	20.26	<=33.01	Pass
		25	0	20.87	-0.81	20.06	<=33.01	Pass
			13	20.94	-0.81	20.13	<=33.01	Pass
			25	20.98	-0.81	20.17	<=33.01	Pass
		50	0	20.99	-0.81	20.18	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B7_15MHz_EIRP

1.3.1 Test Result

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	23.67	-0.81	22.86	<=33.01	Pass
			38	23.52	-0.81	22.71	<=33.01	Pass
			74	23.64	-0.81	22.83	<=33.01	Pass
		36	0	22.76	-0.81	21.95	<=33.01	Pass
			18	22.75	-0.81	21.94	<=33.01	Pass
			39	22.69	-0.81	21.88	<=33.01	Pass
		75	0	22.73	-0.81	21.92	<=33.01	Pass
	2535	1	0	23.59	-0.81	22.78	<=33.01	Pass
			38	24.16	-0.81	23.35	<=33.01	Pass
			74	23.61	-0.81	22.80	<=33.01	Pass
		36	0	22.81	-0.81	22.00	<=33.01	Pass
			18	22.79	-0.81	21.98	<=33.01	Pass
			39	22.81	-0.81	22.00	<=33.01	Pass
		75	0	22.76	-0.81	21.95	<=33.01	Pass
	2562.5	1	0	23.89	-0.81	23.08	<=33.01	Pass
			38	23.58	-0.81	22.77	<=33.01	Pass
			74	23.83	-0.81	23.02	<=33.01	Pass
		36	0	22.84	-0.81	22.03	<=33.01	Pass
			18	22.84	-0.81	22.03	<=33.01	Pass
			39	22.79	-0.81	21.98	<=33.01	Pass
		75	0	22.81	-0.81	22.00	<=33.01	Pass
16QAM	2507.5	1	0	23.17	-0.81	22.36	<=33.01	Pass
			38	23.27	-0.81	22.46	<=33.01	Pass
			74	23.45	-0.81	22.64	<=33.01	Pass
		36	0	21.82	-0.81	21.01	<=33.01	Pass
			18	21.84	-0.81	21.03	<=33.01	Pass
			39	21.77	-0.81	20.96	<=33.01	Pass
		75	0	21.79	-0.81	20.98	<=33.01	Pass
	2535	1	0	23.79	-0.81	22.98	<=33.01	Pass
			38	23.45	-0.81	22.64	<=33.01	Pass
			74	23.81	-0.81	23.00	<=33.01	Pass
		36	0	21.74	-0.81	20.93	<=33.01	Pass
			18	21.84	-0.81	21.03	<=33.01	Pass
			39	21.89	-0.81	21.08	<=33.01	Pass
		75	0	21.80	-0.81	20.99	<=33.01	Pass
	2562.5	1	0	23.39	-0.81	22.58	<=33.01	Pass

			38	23.81	-0.81	23.00	<=33.01	Pass
			74	23.41	-0.81	22.60	<=33.01	Pass
		36	0	21.89	-0.81	21.08	<=33.01	Pass
			18	21.83	-0.81	21.02	<=33.01	Pass
			39	21.81	-0.81	21.00	<=33.01	Pass
		75	0	21.85	-0.81	21.04	<=33.01	Pass
64QAM	2507.5	1	0	23.47	-0.81	22.66	<=33.01	Pass
			38	23.42	-0.81	22.61	<=33.01	Pass
			74	23.13	-0.81	22.32	<=33.01	Pass
		36	0	21.81	-0.81	21.00	<=33.01	Pass
			18	21.73	-0.81	20.92	<=33.01	Pass
			39	21.75	-0.81	20.94	<=33.01	Pass
		75	0	21.80	-0.81	20.99	<=33.01	Pass
	2535	1	0	23.29	-0.81	22.48	<=33.01	Pass
			38	23.14	-0.81	22.33	<=33.01	Pass
			74	23.35	-0.81	22.54	<=33.01	Pass
		36	0	21.83	-0.81	21.02	<=33.01	Pass
			18	21.82	-0.81	21.01	<=33.01	Pass
			39	21.82	-0.81	21.01	<=33.01	Pass
		75	0	21.78	-0.81	20.97	<=33.01	Pass
	2562.5	1	0	23.28	-0.81	22.47	<=33.01	Pass
			38	23.10	-0.81	22.29	<=33.01	Pass
			74	23.17	-0.81	22.36	<=33.01	Pass
		36	0	21.82	-0.81	21.01	<=33.01	Pass
			18	21.84	-0.81	21.03	<=33.01	Pass
			39	21.83	-0.81	21.02	<=33.01	Pass
		75	0	21.89	-0.81	21.08	<=33.01	Pass
256QAM	2507.5	1	0	20.79	-0.81	19.98	<=33.01	Pass
			38	20.69	-0.81	19.88	<=33.01	Pass
			74	20.93	-0.81	20.12	<=33.01	Pass
		36	0	20.79	-0.81	19.98	<=33.01	Pass
			18	20.81	-0.81	20.00	<=33.01	Pass
			39	20.69	-0.81	19.88	<=33.01	Pass
		75	0	20.78	-0.81	19.97	<=33.01	Pass
	2535	1	0	21.08	-0.81	20.27	<=33.01	Pass
			38	20.85	-0.81	20.04	<=33.01	Pass
			74	20.89	-0.81	20.08	<=33.01	Pass
		36	0	20.85	-0.81	20.04	<=33.01	Pass
			18	20.78	-0.81	19.97	<=33.01	Pass
			39	20.82	-0.81	20.01	<=33.01	Pass
		75	0	20.83	-0.81	20.02	<=33.01	Pass
	2562.5	1	0	20.92	-0.81	20.11	<=33.01	Pass
			38	20.73	-0.81	19.92	<=33.01	Pass
			74	20.93	-0.81	20.12	<=33.01	Pass
		36	0	20.81	-0.81	20.00	<=33.01	Pass
			18	20.90	-0.81	20.09	<=33.01	Pass
			39	20.81	-0.81	20.00	<=33.01	Pass
		75	0	20.86	-0.81	20.05	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B7_20MHz_EIRP

1.4.1 Test Result

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	23.62	-0.81	22.81	<=33.01	Pass
			50	23.64	-0.81	22.83	<=33.01	Pass
			99	23.56	-0.81	22.75	<=33.01	Pass
		50	0	22.83	-0.81	22.02	<=33.01	Pass
			25	22.84	-0.81	22.03	<=33.01	Pass
			50	22.76	-0.81	21.95	<=33.01	Pass
		100	0	22.79	-0.81	21.98	<=33.01	Pass
	2535	1	0	23.70	-0.81	22.89	<=33.01	Pass
			50	23.99	-0.81	23.18	<=33.01	Pass
			99	23.41	-0.81	22.60	<=33.01	Pass
		50	0	22.83	-0.81	22.02	<=33.01	Pass
			25	22.80	-0.81	21.99	<=33.01	Pass
			50	22.80	-0.81	21.99	<=33.01	Pass
		100	0	22.76	-0.81	21.95	<=33.01	Pass
	2560	1	0	23.46	-0.81	22.65	<=33.01	Pass
			50	23.66	-0.81	22.85	<=33.01	Pass
			99	24.48	-0.81	23.67	<=33.01	Pass
		50	0	22.80	-0.81	21.99	<=33.01	Pass
			25	22.82	-0.81	22.01	<=33.01	Pass
			50	22.83	-0.81	22.02	<=33.01	Pass
		100	0	22.86	-0.81	22.05	<=33.01	Pass
16QAM	2510	1	0	23.38	-0.81	22.57	<=33.01	Pass
			50	23.93	-0.81	23.12	<=33.01	Pass
			99	23.31	-0.81	22.50	<=33.01	Pass
		50	0	21.79	-0.81	20.98	<=33.01	Pass
			25	21.81	-0.81	21.00	<=33.01	Pass
			50	21.74	-0.81	20.93	<=33.01	Pass
		100	0	21.81	-0.81	21.00	<=33.01	Pass
	2535	1	0	23.66	-0.81	22.85	<=33.01	Pass
			50	23.72	-0.81	22.91	<=33.01	Pass
			99	23.33	-0.81	22.52	<=33.01	Pass
		50	0	21.75	-0.81	20.94	<=33.01	Pass
			25	21.83	-0.81	21.02	<=33.01	Pass
			50	21.75	-0.81	20.94	<=33.01	Pass
		100	0	21.80	-0.81	20.99	<=33.01	Pass
	2560	1	0	23.21	-0.81	22.40	<=33.01	Pass
			50	23.58	-0.81	22.77	<=33.01	Pass
			99	23.37	-0.81	22.56	<=33.01	Pass
		50	0	21.86	-0.81	21.05	<=33.01	Pass
			25	21.84	-0.81	21.03	<=33.01	Pass
			50	21.78	-0.81	20.97	<=33.01	Pass
		100	0	21.88	-0.81	21.07	<=33.01	Pass
64QAM	2510	1	0	23.40	-0.81	22.59	<=33.01	Pass
			50	23.28	-0.81	22.47	<=33.01	Pass
			99	23.06	-0.81	22.25	<=33.01	Pass
		50	0	21.81	-0.81	21.00	<=33.01	Pass
			25	21.81	-0.81	21.00	<=33.01	Pass
			50	21.73	-0.81	20.92	<=33.01	Pass
		100	0	21.76	-0.81	20.95	<=33.01	Pass
	2535	1	0	23.41	-0.81	22.60	<=33.01	Pass
			50	23.45	-0.81	22.64	<=33.01	Pass
			99	23.42	-0.81	22.61	<=33.01	Pass
		50	0	21.80	-0.81	20.99	<=33.01	Pass
			25	21.81	-0.81	21.00	<=33.01	Pass
			50	21.72	-0.81	20.91	<=33.01	Pass
		100	0	21.80	-0.81	20.99	<=33.01	Pass
	2560	1	0	23.48	-0.81	22.67	<=33.01	Pass
			50	23.44	-0.81	22.63	<=33.01	Pass
			99	23.15	-0.81	22.34	<=33.01	Pass

		50	0	21.82	-0.81	21.01	<=33.01	Pass
			25	21.78	-0.81	20.97	<=33.01	Pass
			50	21.76	-0.81	20.95	<=33.01	Pass
		100	0	21.77	-0.81	20.96	<=33.01	Pass
256QAM	2510	1	0	20.95	-0.81	20.14	<=33.01	Pass
			50	20.80	-0.81	19.99	<=33.01	Pass
			99	20.91	-0.81	20.10	<=33.01	Pass
		50	0	20.85	-0.81	20.04	<=33.01	Pass
			25	20.80	-0.81	19.99	<=33.01	Pass
			50	20.76	-0.81	19.95	<=33.01	Pass
		100	0	20.79	-0.81	19.98	<=33.01	Pass
	2535	1	0	21.02	-0.81	20.21	<=33.01	Pass
			50	20.95	-0.81	20.14	<=33.01	Pass
			99	20.84	-0.81	20.03	<=33.01	Pass
		50	0	20.77	-0.81	19.96	<=33.01	Pass
			25	20.76	-0.81	19.95	<=33.01	Pass
			50	20.72	-0.81	19.91	<=33.01	Pass
		100	0	20.79	-0.81	19.98	<=33.01	Pass
	2560	1	0	20.92	-0.81	20.11	<=33.01	Pass
			50	20.93	-0.81	20.12	<=33.01	Pass
			99	20.98	-0.81	20.17	<=33.01	Pass
		50	0	20.90	-0.81	20.09	<=33.01	Pass
			25	20.78	-0.81	19.97	<=33.01	Pass
			50	20.84	-0.81	20.03	<=33.01	Pass
		100	0	20.90	-0.81	20.09	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B7_20MHz

2.1.1 Test Result

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	3.6	-5.700	-0.0023	/	Pass
					3.86	12.900	0.0051	/	Pass
					4.3	-3.500	-0.0014	/	Pass
				-30	3.86	1.900	0.0008	/	Pass
				-20	3.86	-1.400	-0.0006	/	Pass
				-10	3.86	-3.100	-0.0012	/	Pass
				0	3.86	-0.700	-0.0003	/	Pass
				10	3.86	-0.200	-0.0001	/	Pass
				30	3.86	-4.400	-0.0018	/	Pass
				40	3.86	-0.700	-0.0003	/	Pass
				50	3.86	4.900	0.0020	/	Pass
	2535	100	0	20	3.6	6.900	0.0027	/	Pass
					3.86	-3.900	-0.0015	/	Pass
					4.3	-0.700	-0.0003	/	Pass
				-30	3.86	1.000	0.0004	/	Pass
				-20	3.86	3.100	0.0012	/	Pass
				-10	3.86	1.100	0.0004	/	Pass
				0	3.86	0.100	0.0000	/	Pass
				10	3.86	-0.900	-0.0004	/	Pass
				30	3.86	-3.100	-0.0012	/	Pass

				40	3.86	-0.400	-0.0002	/	Pass
				50	3.86	-0.800	-0.0003	/	Pass
	2560	100	0	20	3.6	-3.200	-0.0013	/	Pass
					3.86	-1.200	-0.0005	/	Pass
					4.3	3.800	0.0015	/	Pass
				-30	3.86	-0.600	-0.0002	/	Pass
				-20	3.86	-1.200	-0.0005	/	Pass
				-10	3.86	-2.100	-0.0008	/	Pass
				0	3.86	-6.400	-0.0025	/	Pass
				10	3.86	-4.400	-0.0017	/	Pass
				30	3.86	-2.000	-0.0008	/	Pass
				40	3.86	0.400	0.0002	/	Pass
				50	3.86	-2.600	-0.0010	/	Pass

3. 99% & 26dB Bandwidth

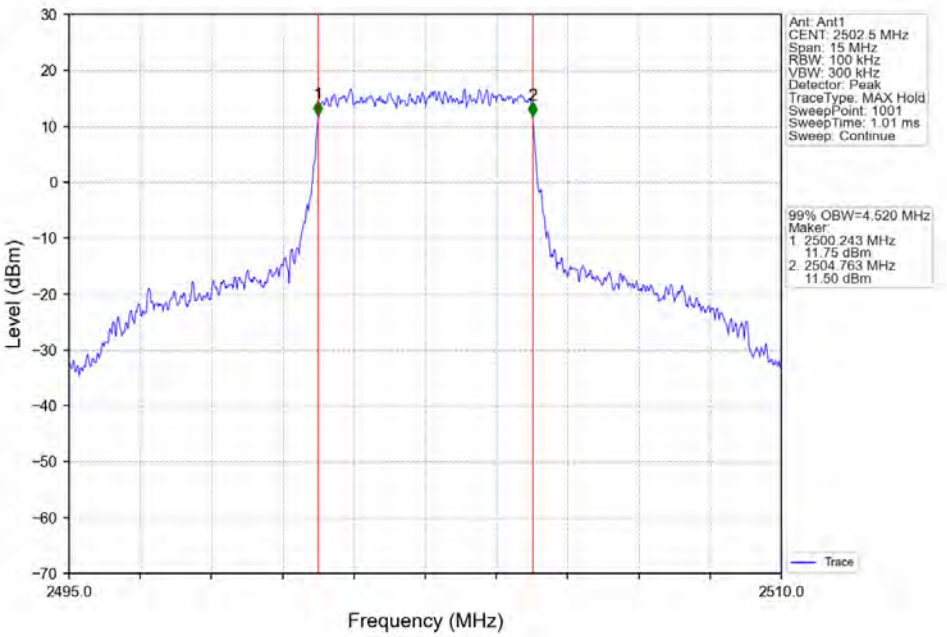
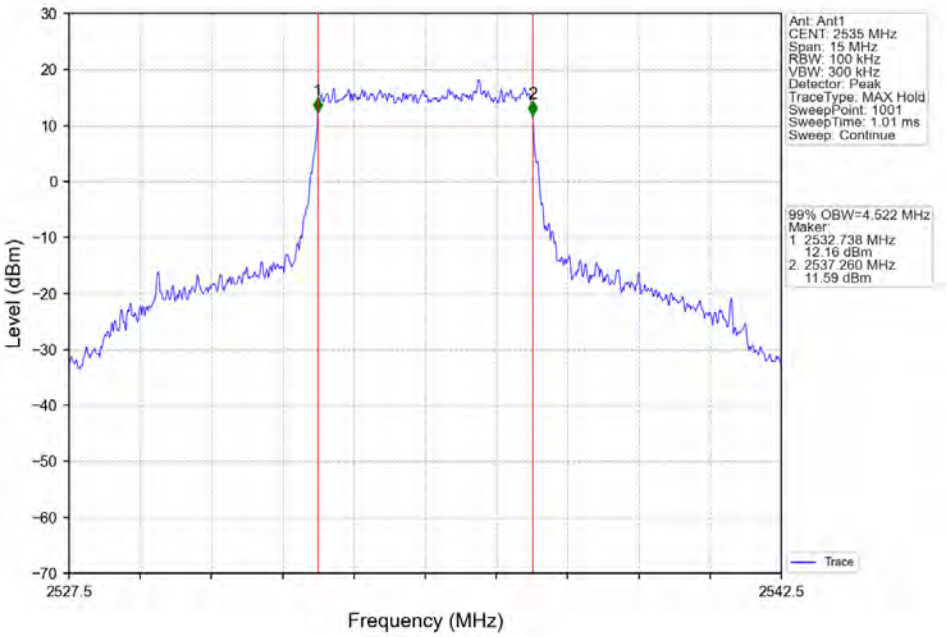
3.1 Band7_OBW

3.1.1 Test Result

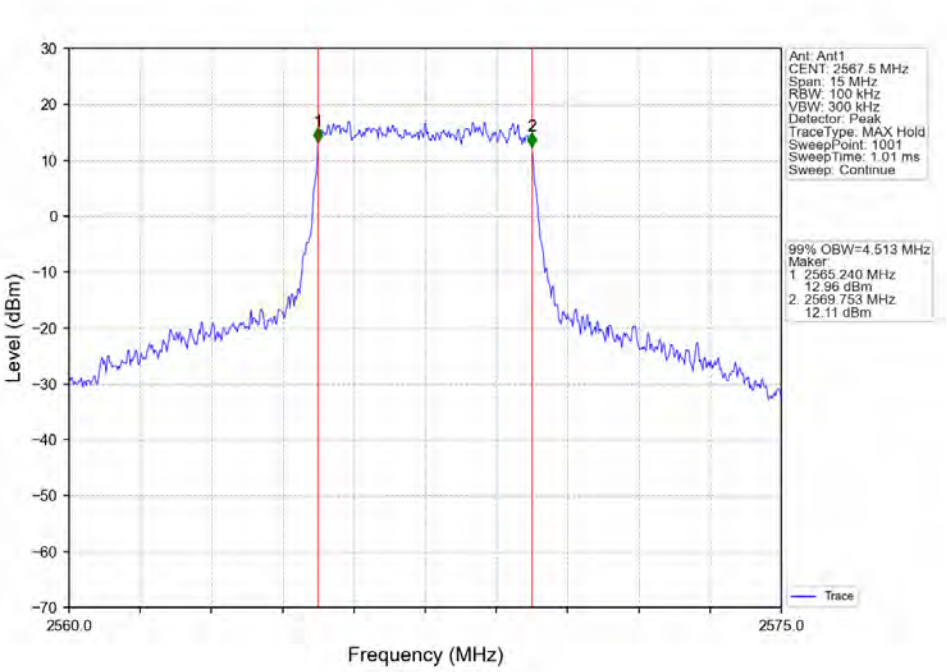
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.520	/	Pass
		2535	25	0	4.522	/	Pass
		2567.5	25	0	4.513	/	Pass
	16QAM	2502.5	25	0	4.515	/	Pass
		2535	25	0	4.529	/	Pass
		2567.5	25	0	4.512	/	Pass
	64QAM	2502.5	25	0	4.527	/	Pass
		2535	25	0	4.514	/	Pass
		2567.5	25	0	4.517	/	Pass
	256QAM	2502.5	25	0	4.519	/	Pass
		2535	25	0	4.533	/	Pass
		2567.5	25	0	4.522	/	Pass
10	QPSK	2505	50	0	9.039	/	Pass
		2535	50	0	9.039	/	Pass
		2565	50	0	8.995	/	Pass
	16QAM	2505	50	0	9.008	/	Pass
		2535	50	0	9.003	/	Pass
		2565	50	0	9.008	/	Pass
	64QAM	2505	50	0	9.000	/	Pass
		2535	50	0	9.013	/	Pass
		2565	50	0	9.055	/	Pass
	256QAM	2505	50	0	9.020	/	Pass
		2535	50	0	9.018	/	Pass
		2565	50	0	9.027	/	Pass
15	QPSK	2507.5	75	0	13.501	/	Pass
		2535	75	0	13.574	/	Pass
		2562.5	75	0	13.536	/	Pass
	16QAM	2507.5	75	0	13.526	/	Pass
		2535	75	0	13.528	/	Pass
		2562.5	75	0	13.538	/	Pass
	64QAM	2507.5	75	0	13.544	/	Pass
		2535	75	0	13.538	/	Pass
		2562.5	75	0	13.541	/	Pass

	256QAM	2507.5	75	0	13.511	/	Pass
		2535	75	0	13.537	/	Pass
		2562.5	75	0	13.546	/	Pass
20	QPSK	2510	100	0	18.101	/	Pass
		2535	100	0	18.123	/	Pass
		2560	100	0	18.117	/	Pass
	16QAM	2510	100	0	18.112	/	Pass
		2535	100	0	18.078	/	Pass
		2560	100	0	18.085	/	Pass
	64QAM	2510	100	0	18.048	/	Pass
		2535	100	0	18.090	/	Pass
		2560	100	0	18.080	/	Pass
	256QAM	2510	100	0	18.064	/	Pass
		2535	100	0	18.167	/	Pass
		2560	100	0	18.096	/	Pass

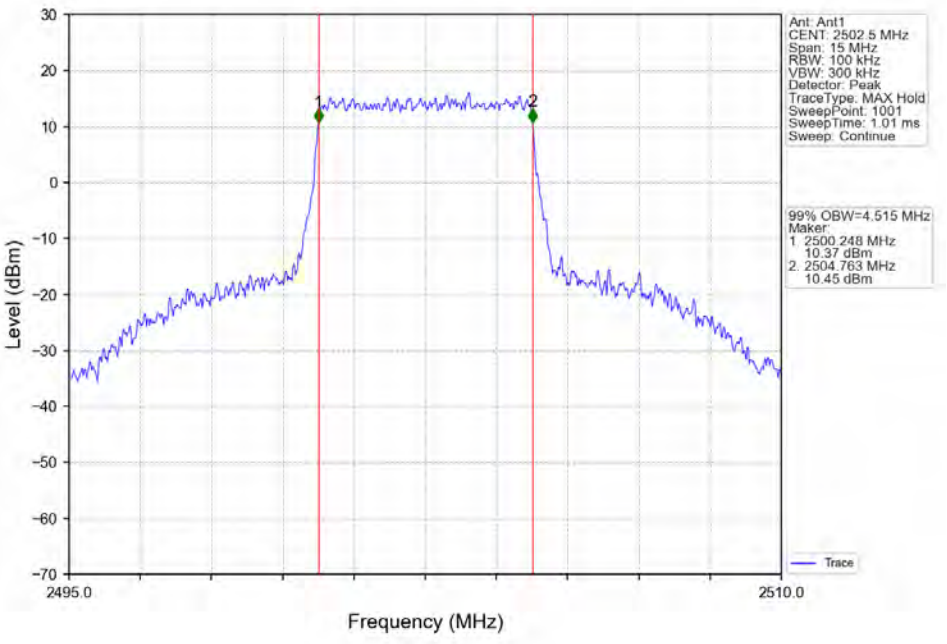
3.1.2 Test Graph

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV


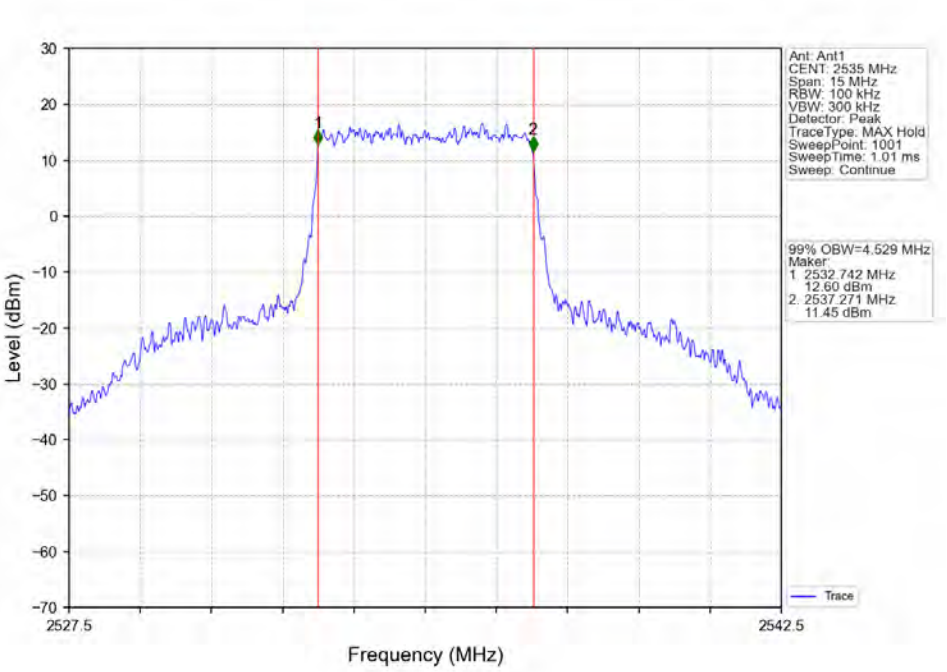
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



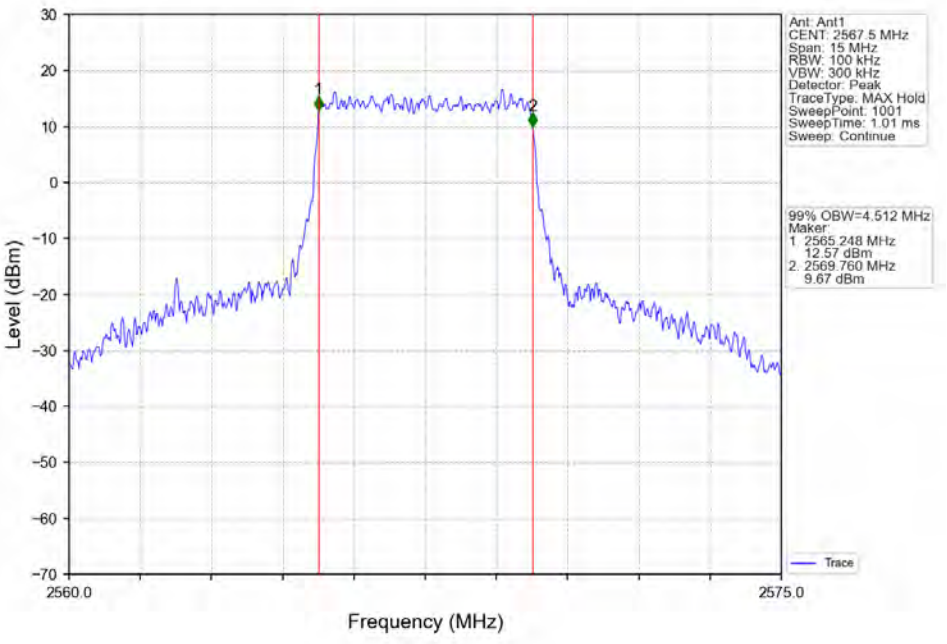
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



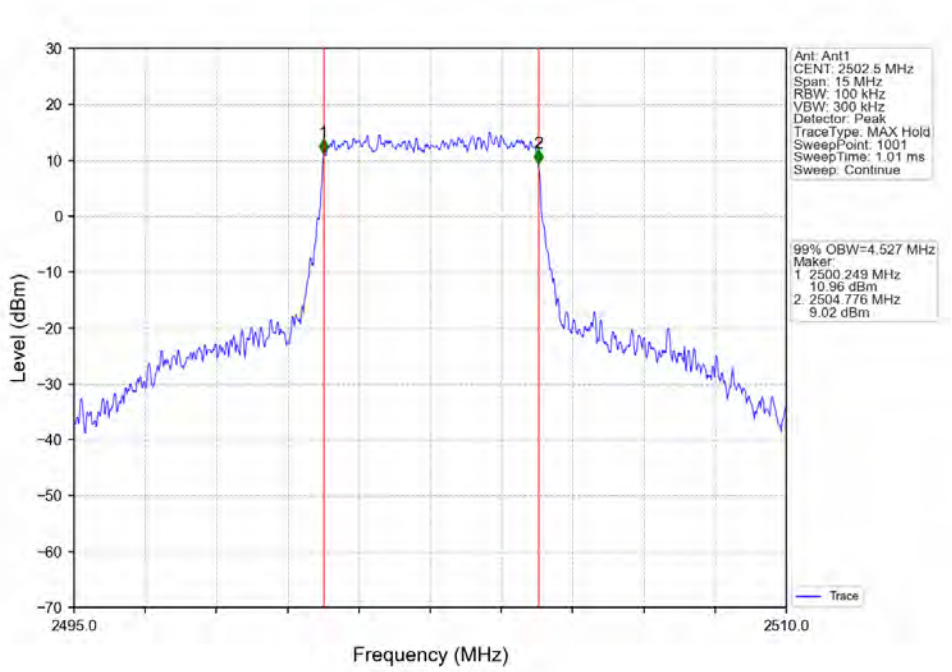
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



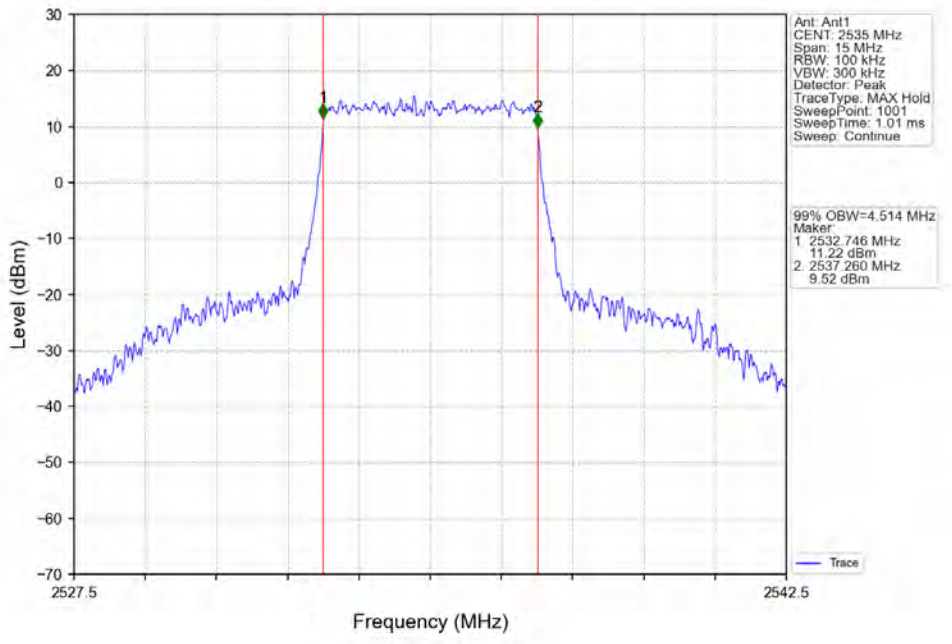
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



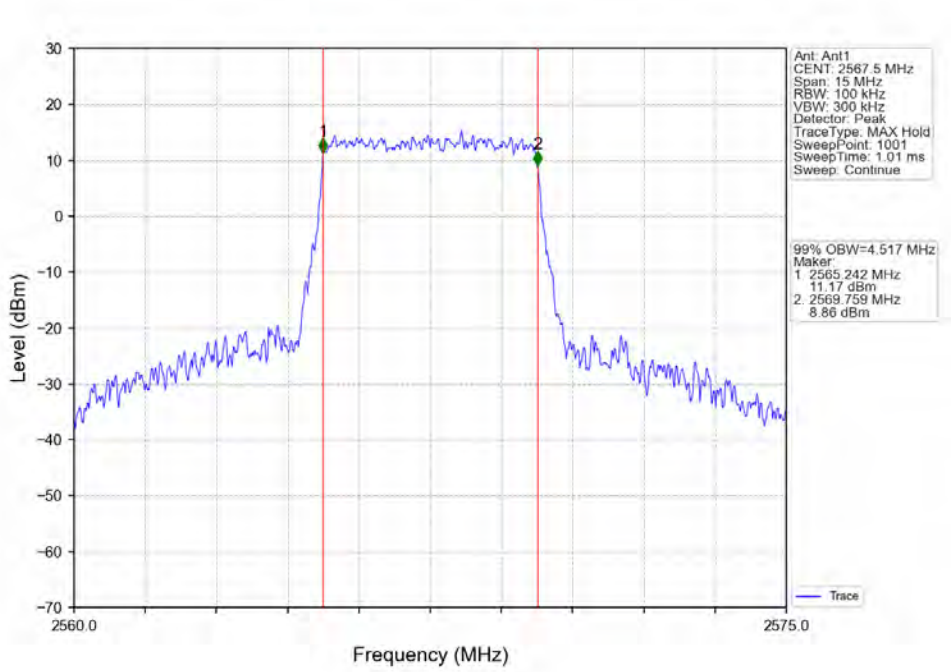
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



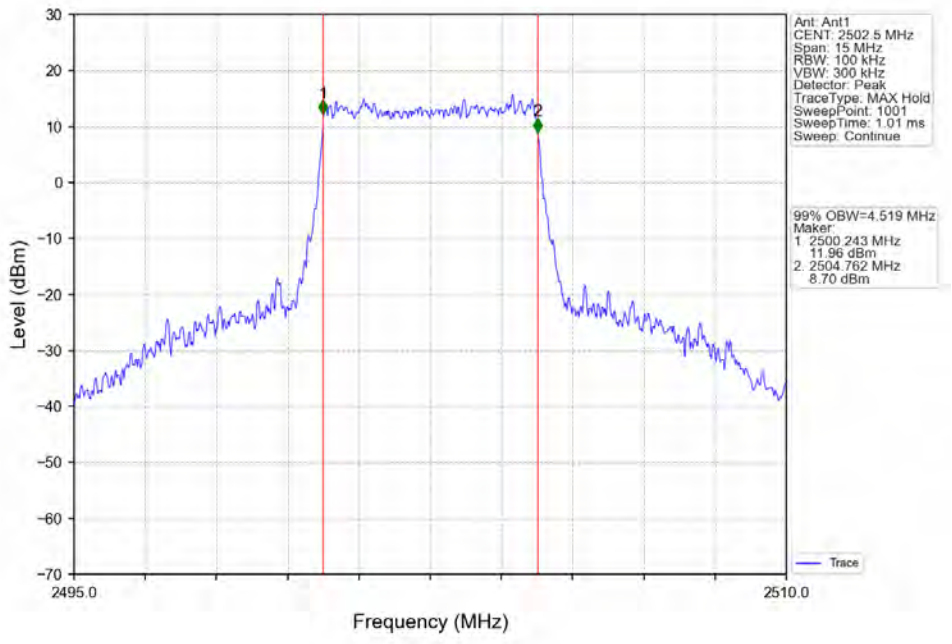
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



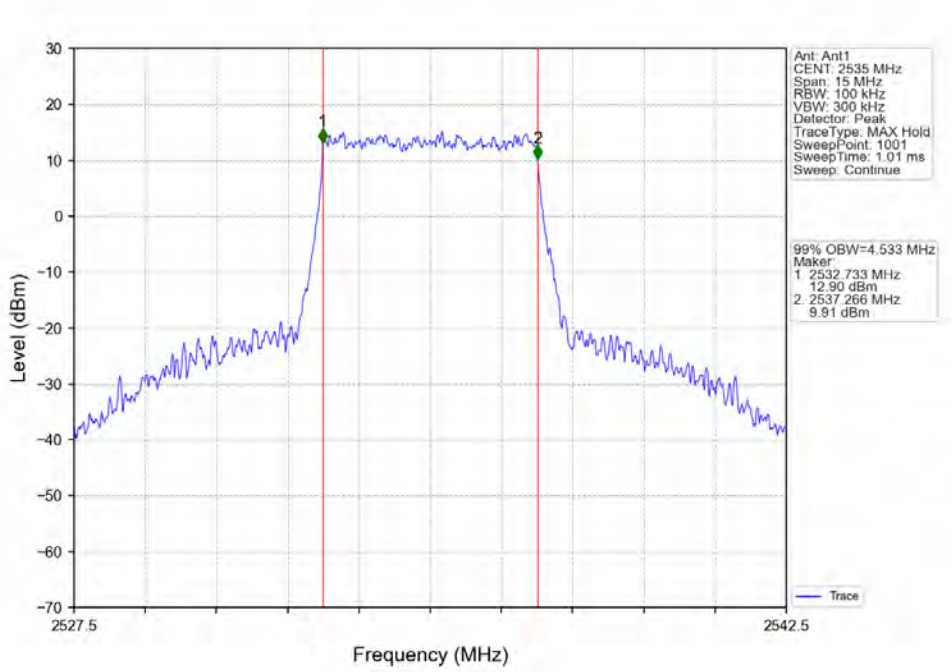
Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



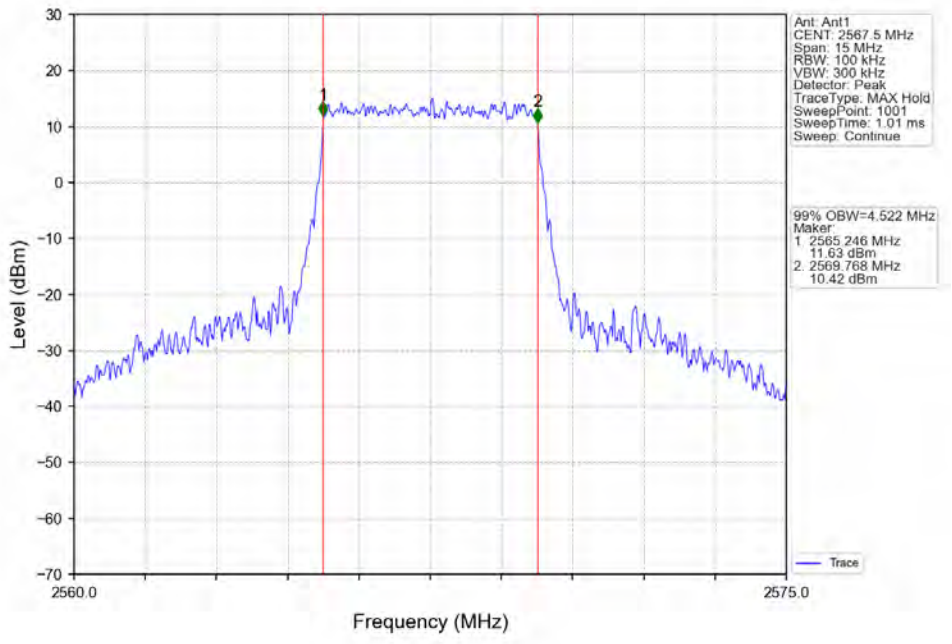
Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV



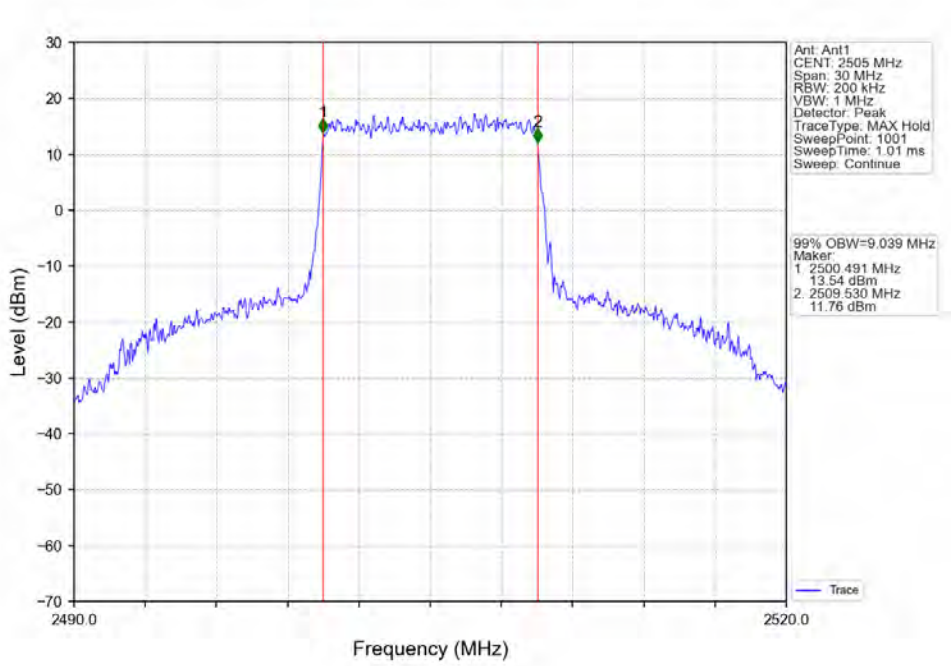
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



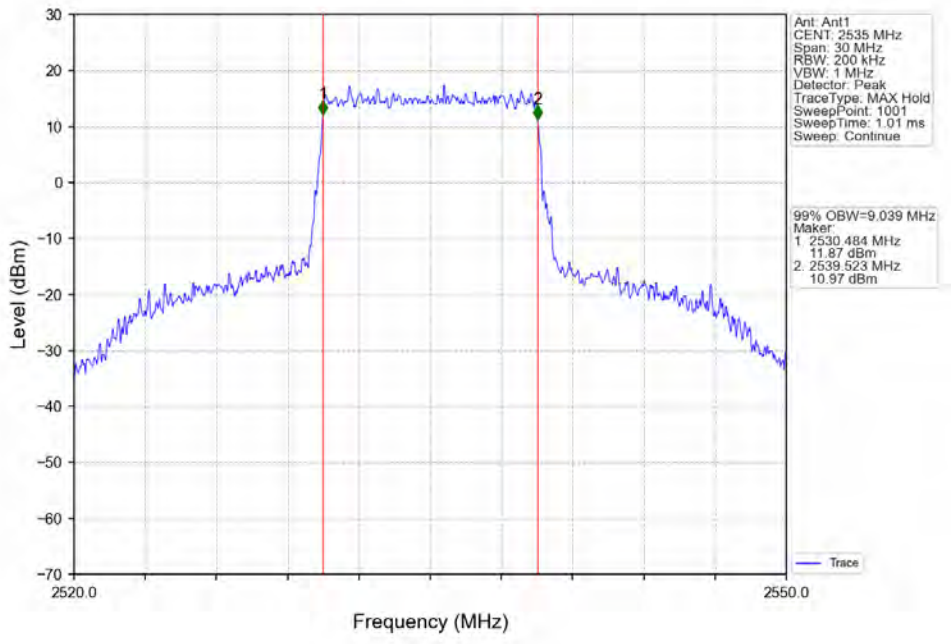
Band7_5MHz_256QAM_HCH_2567.5MHz_RB_25_0_NTNV



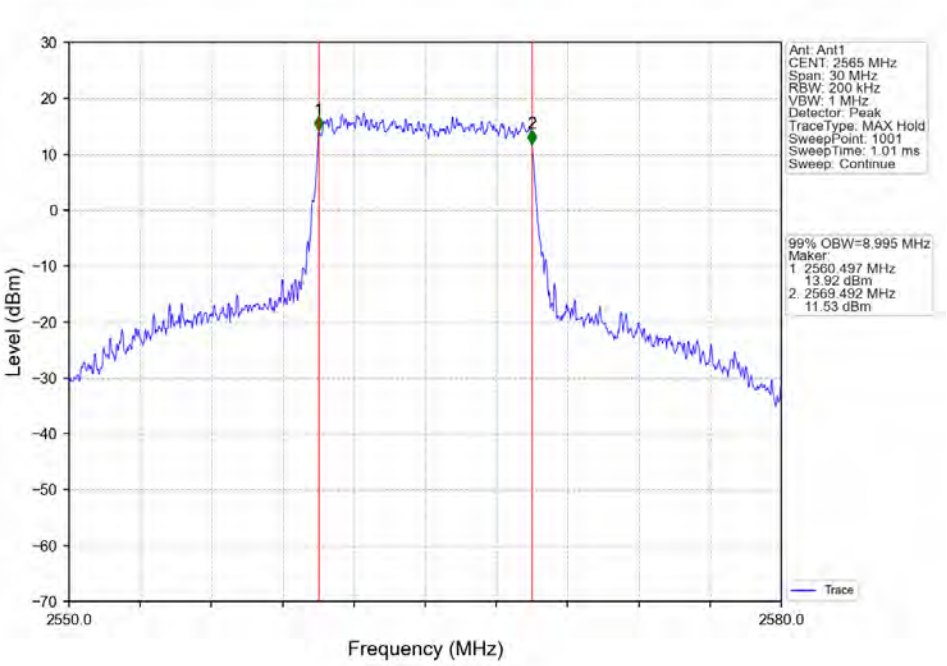
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



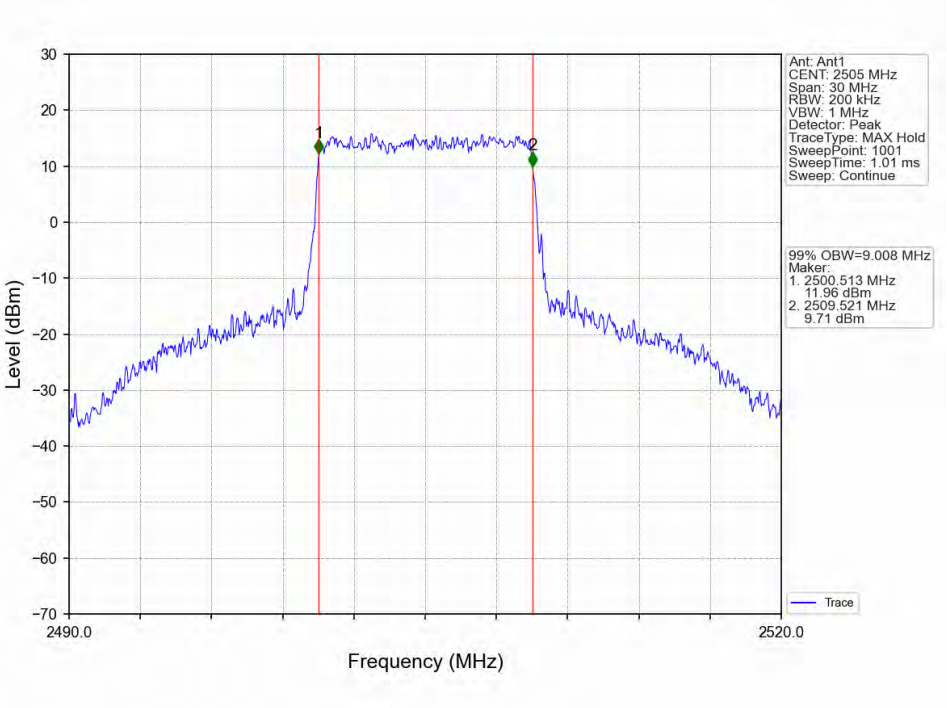
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



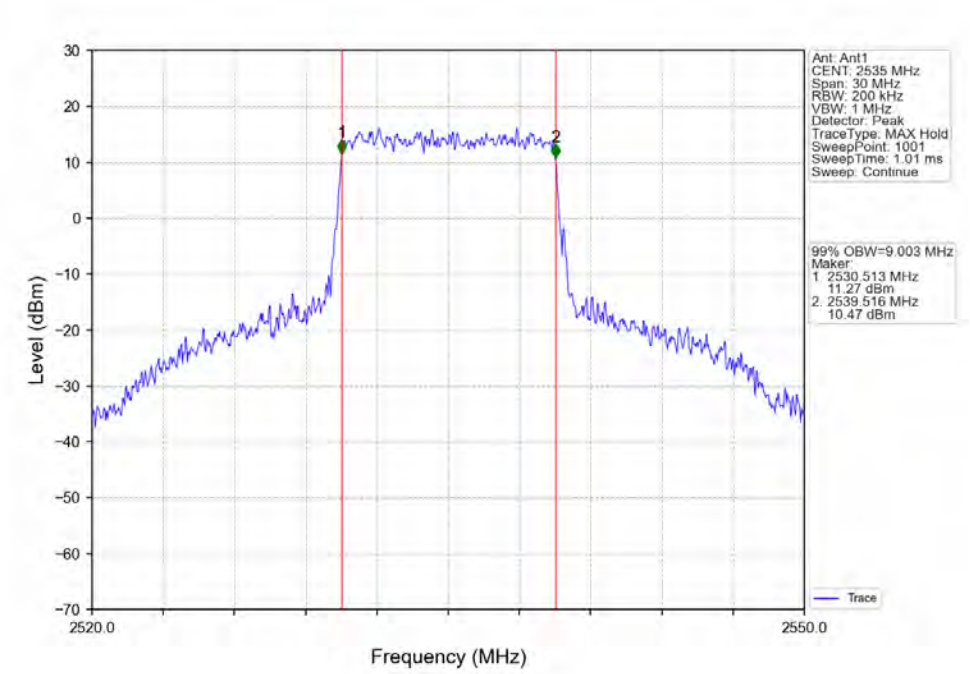
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



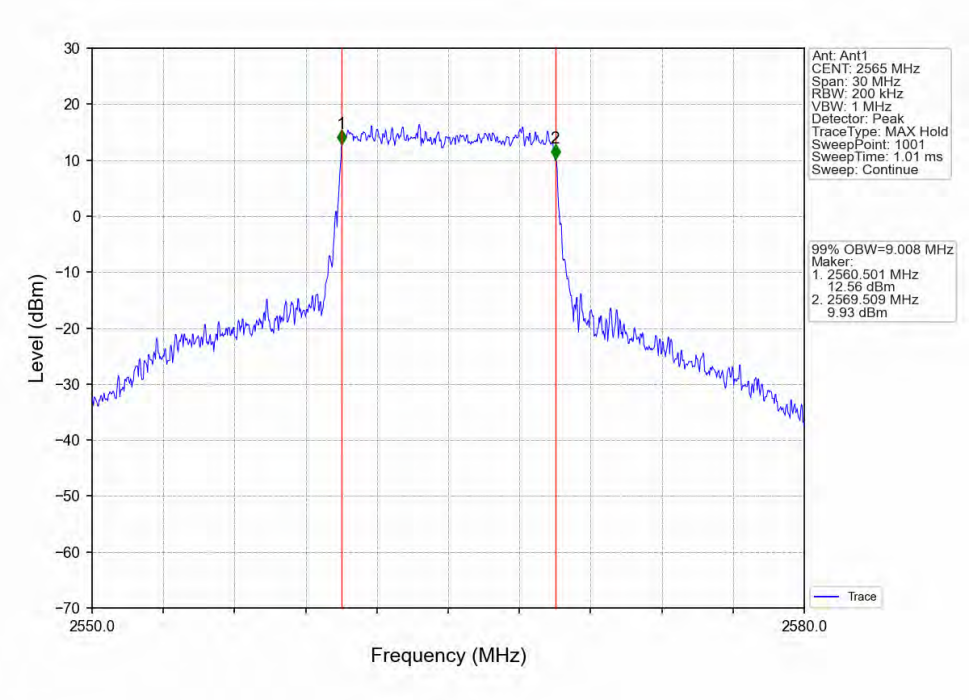
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



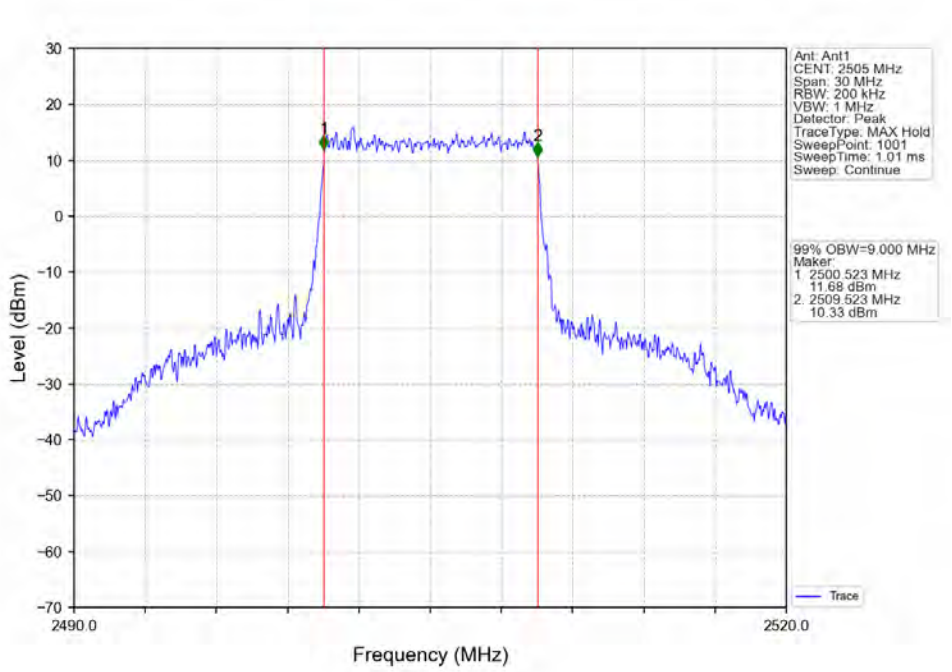
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



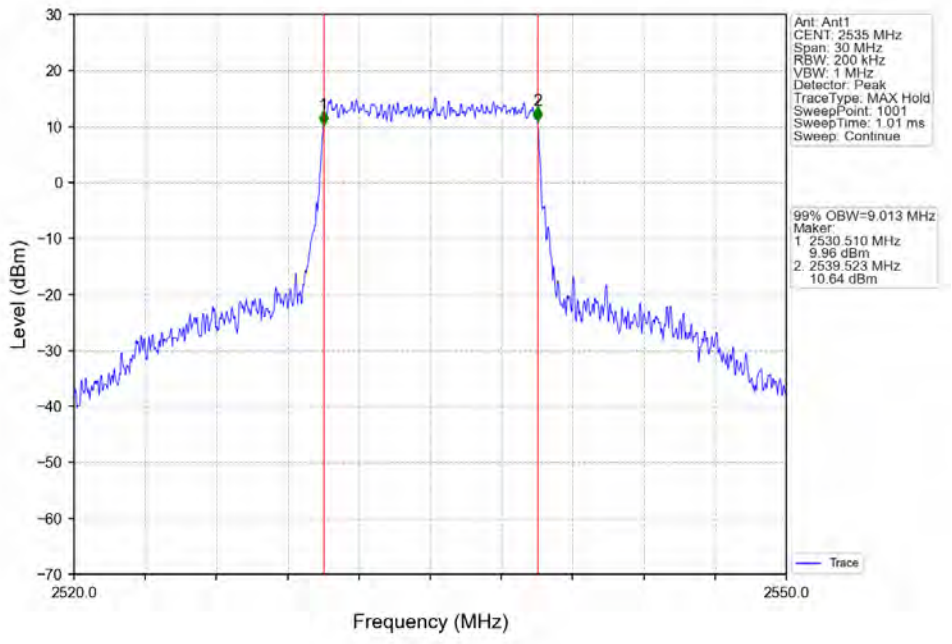
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



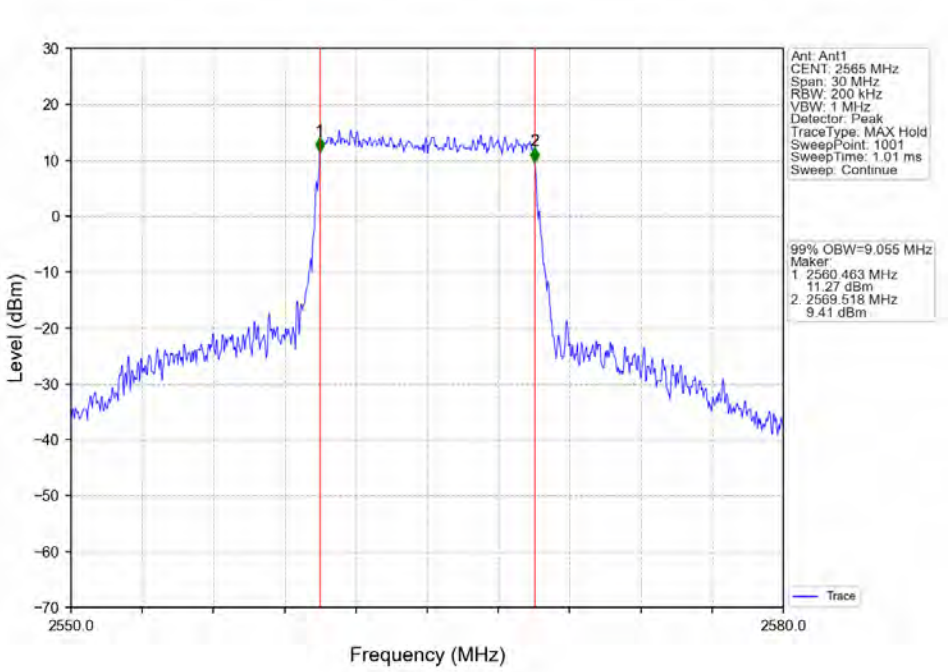
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



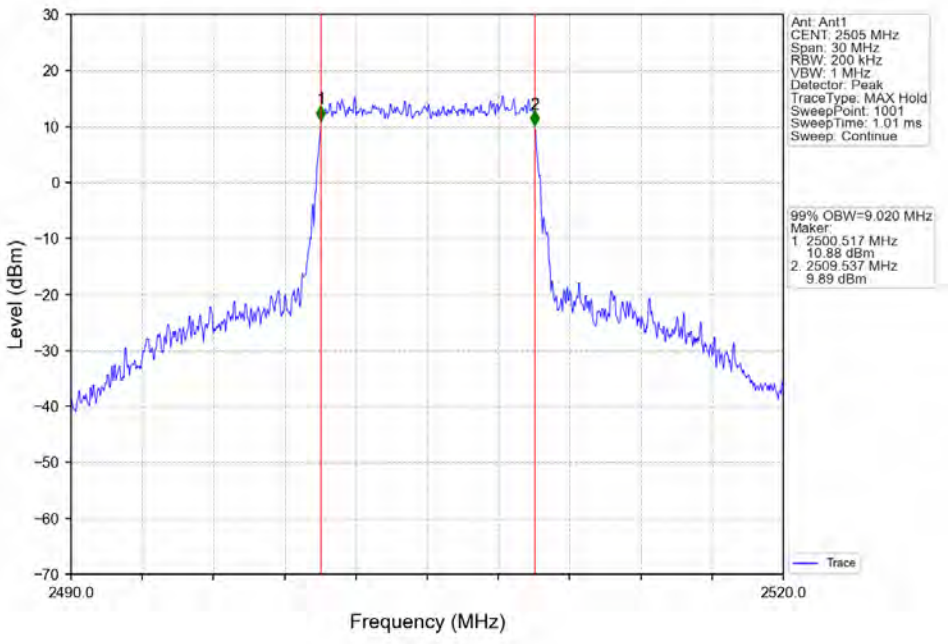
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



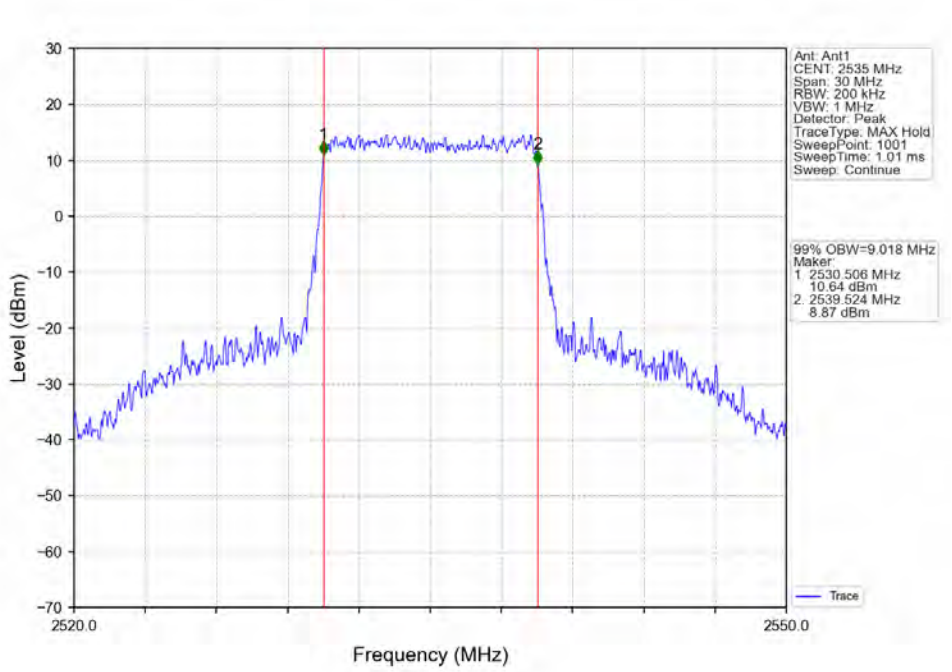
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



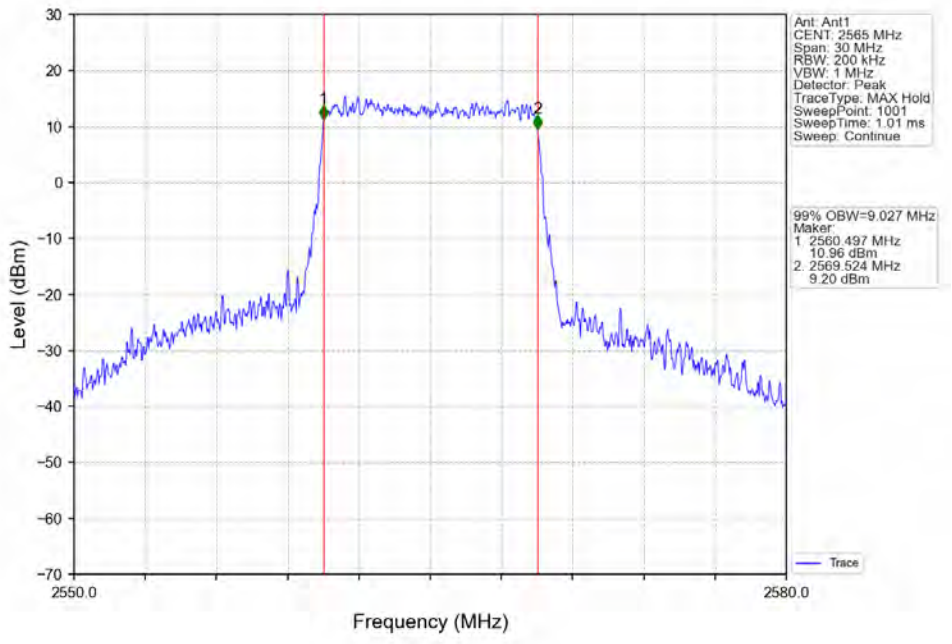
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



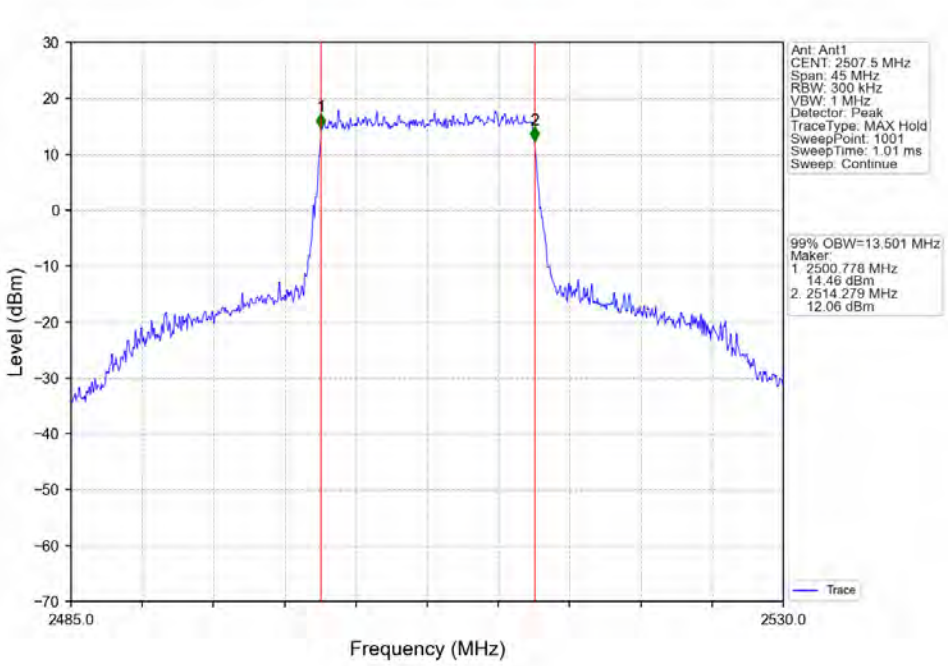
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



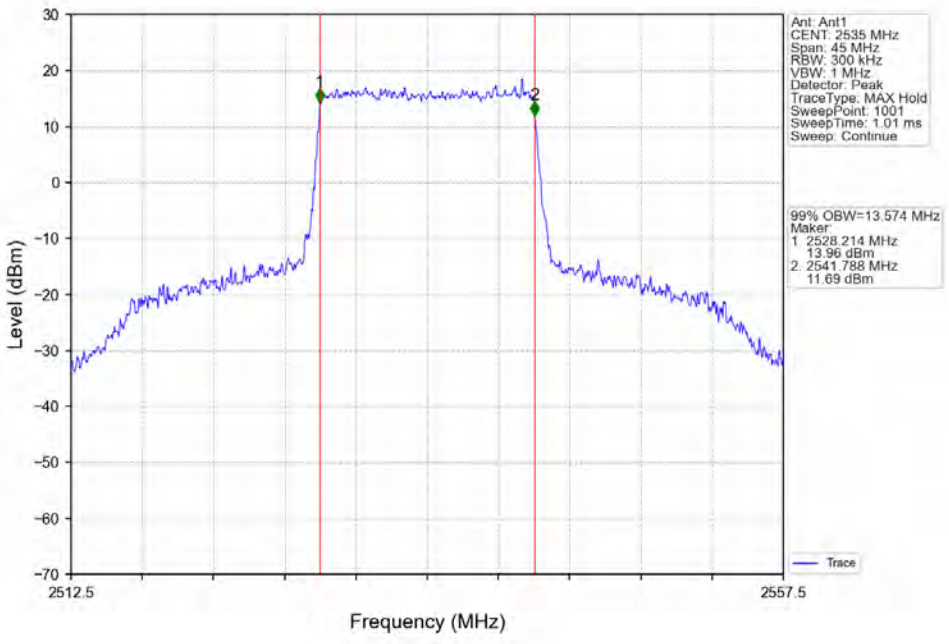
Band7_10MHz_256QAM_HCH_2565MHz_RB_50_0_NTNV



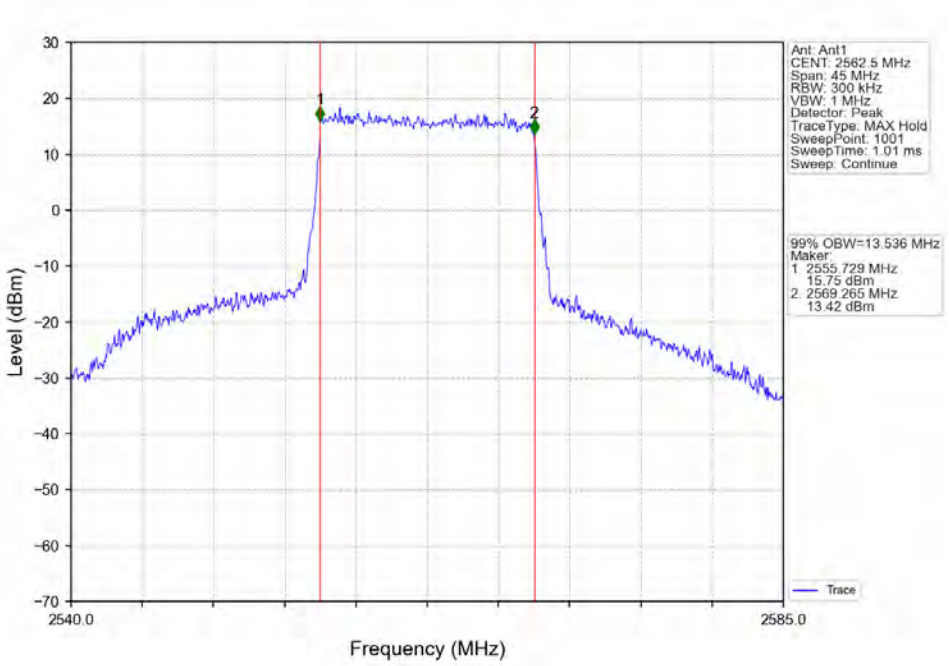
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



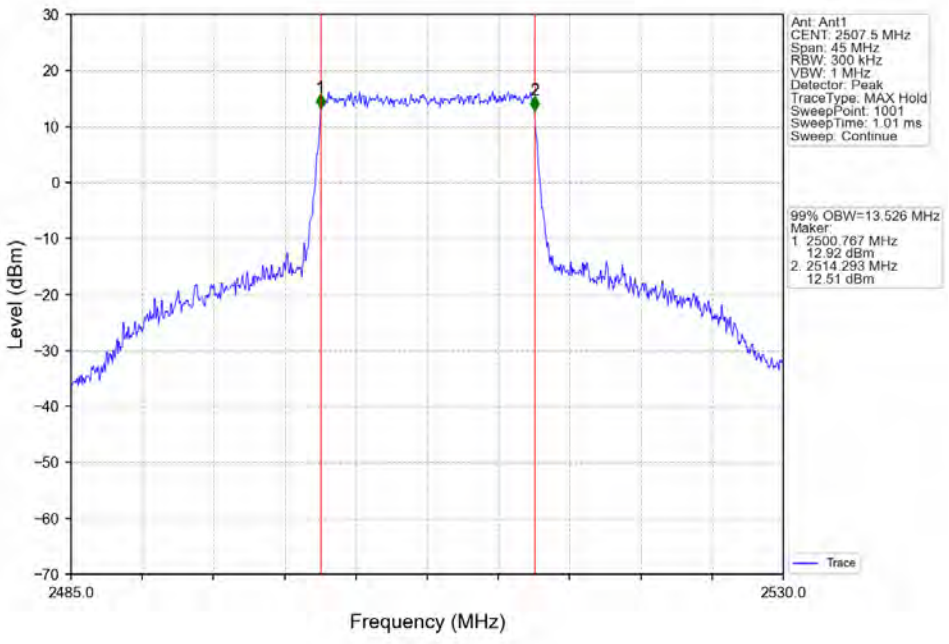
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



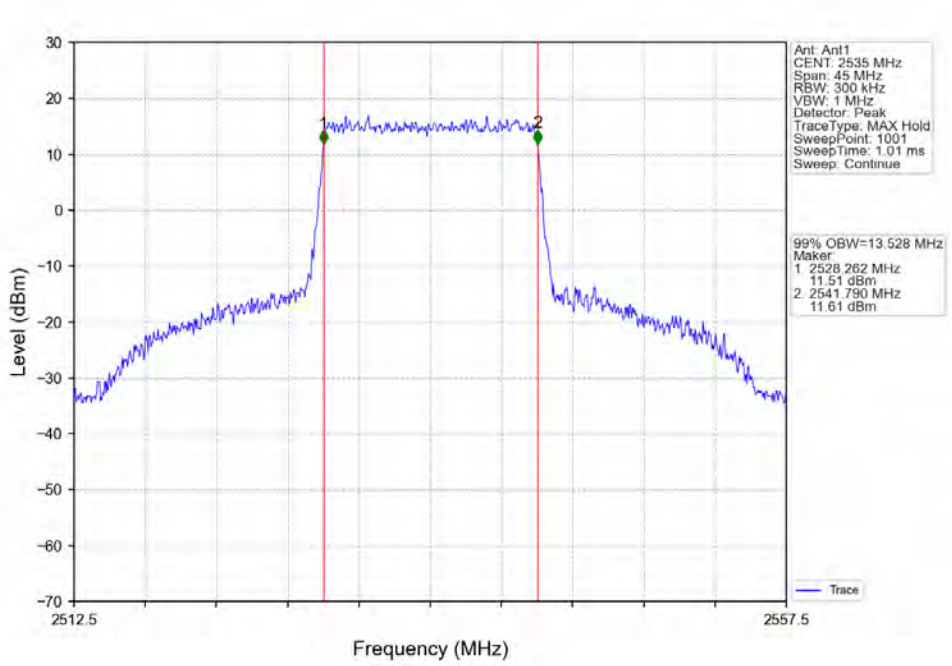
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



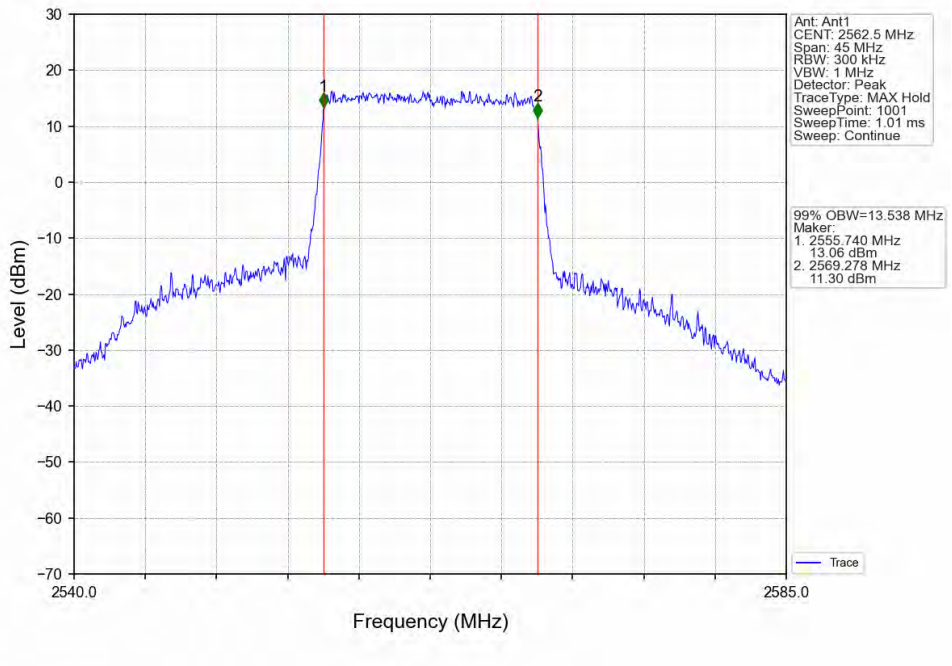
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



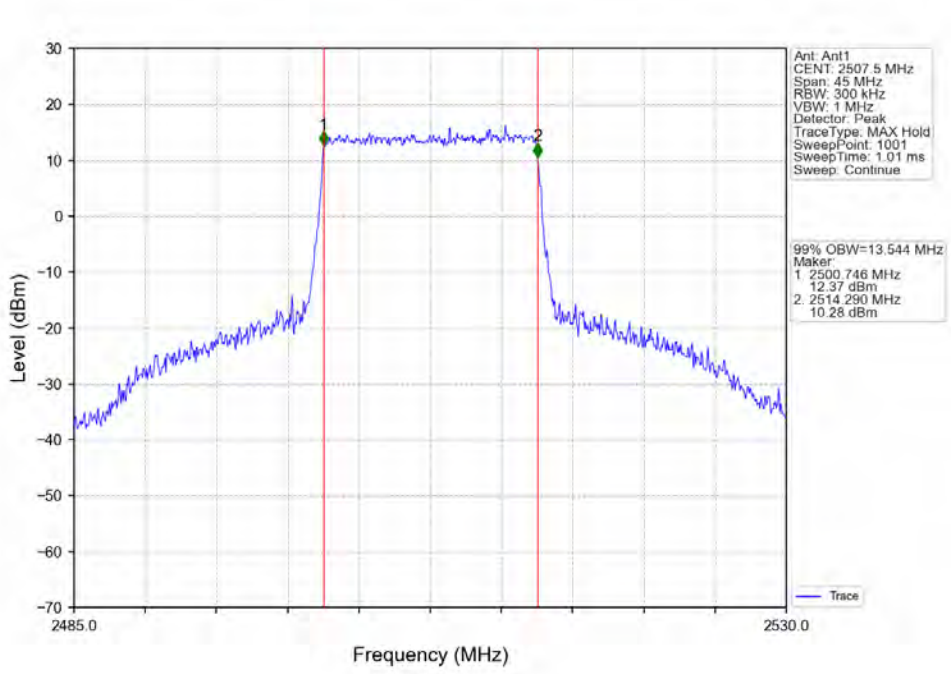
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



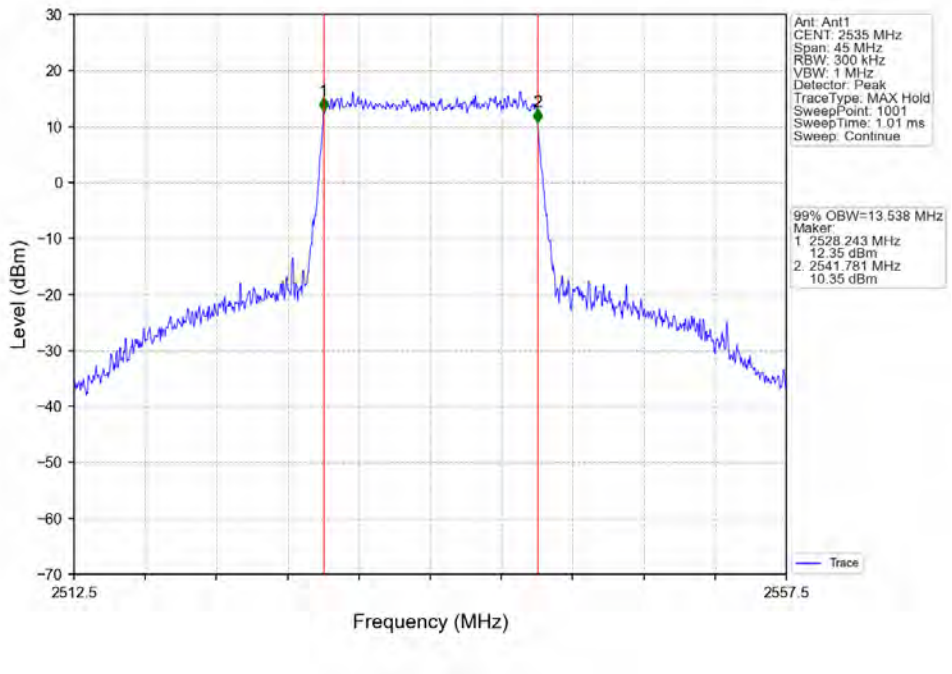
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

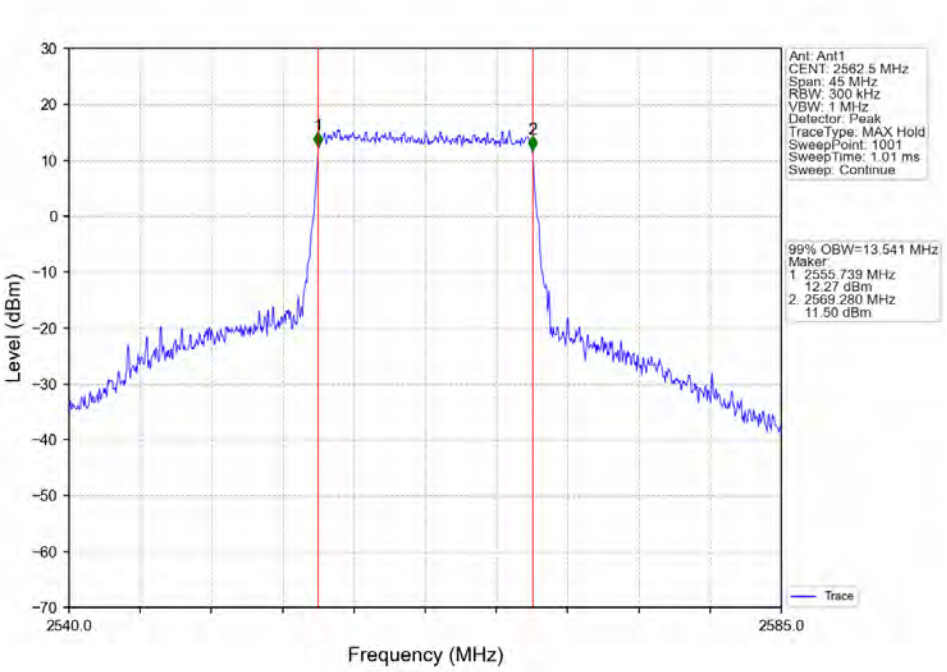


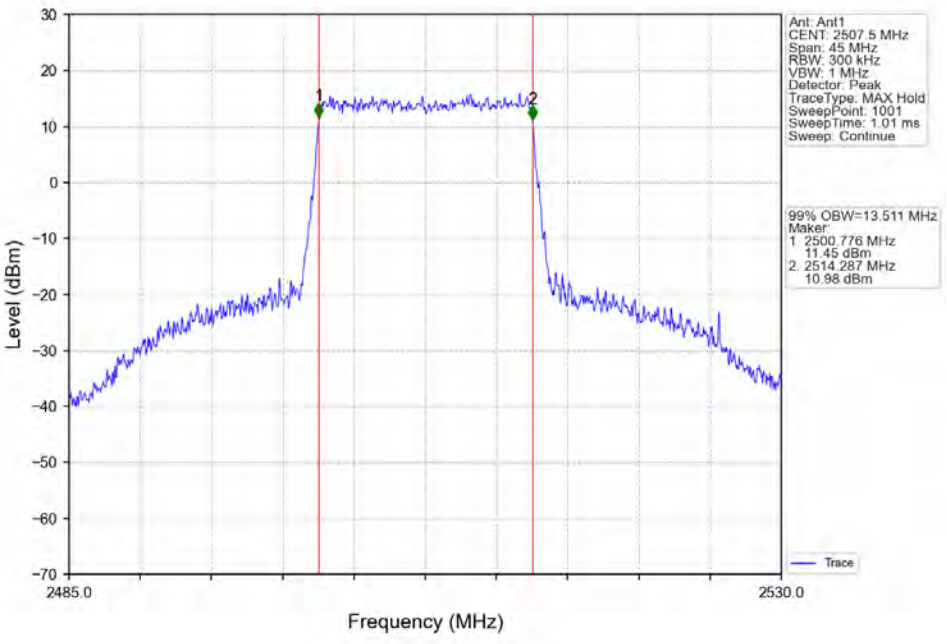
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



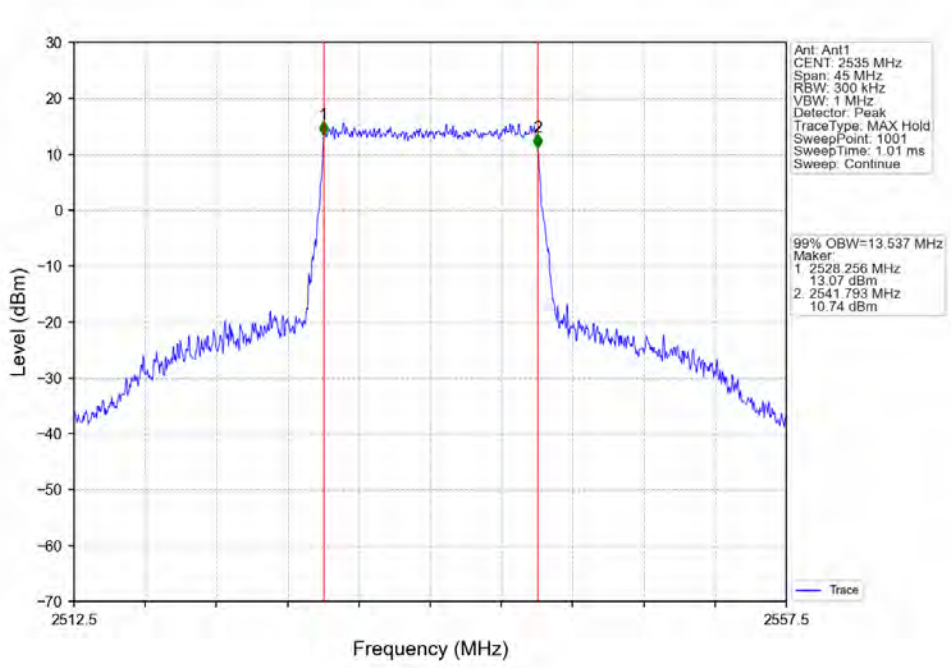
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



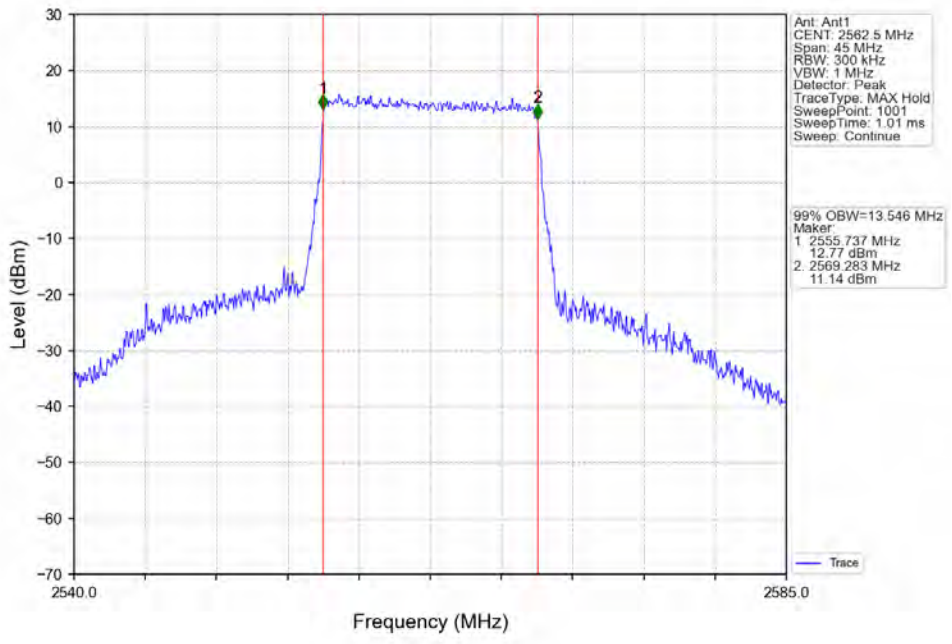
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV


Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV


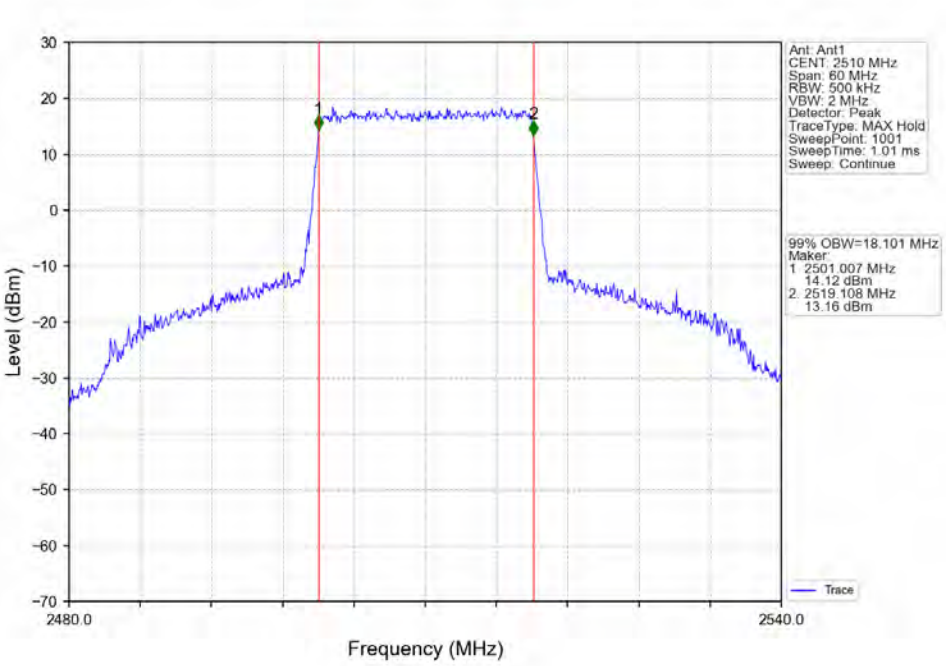
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



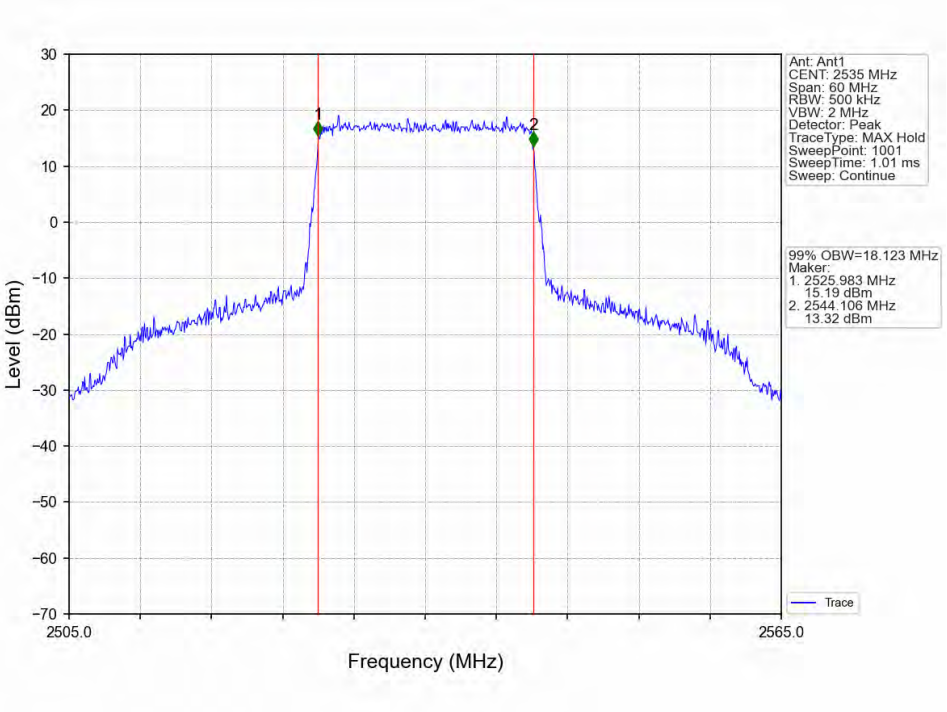
Band7_15MHz_256QAM_HCH_2562.5MHz_RB_75_0_NTNV



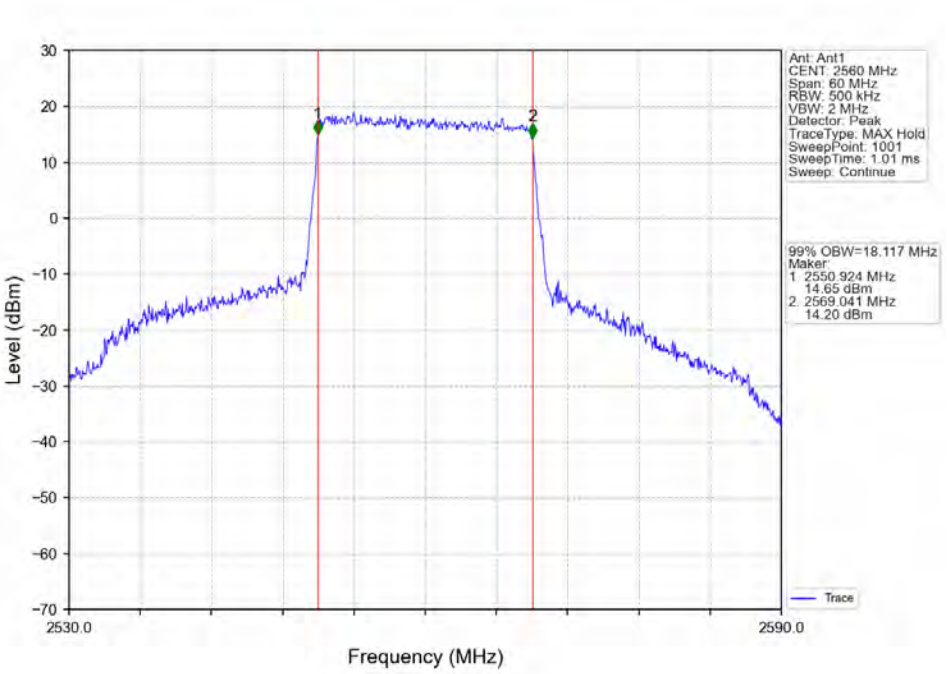
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



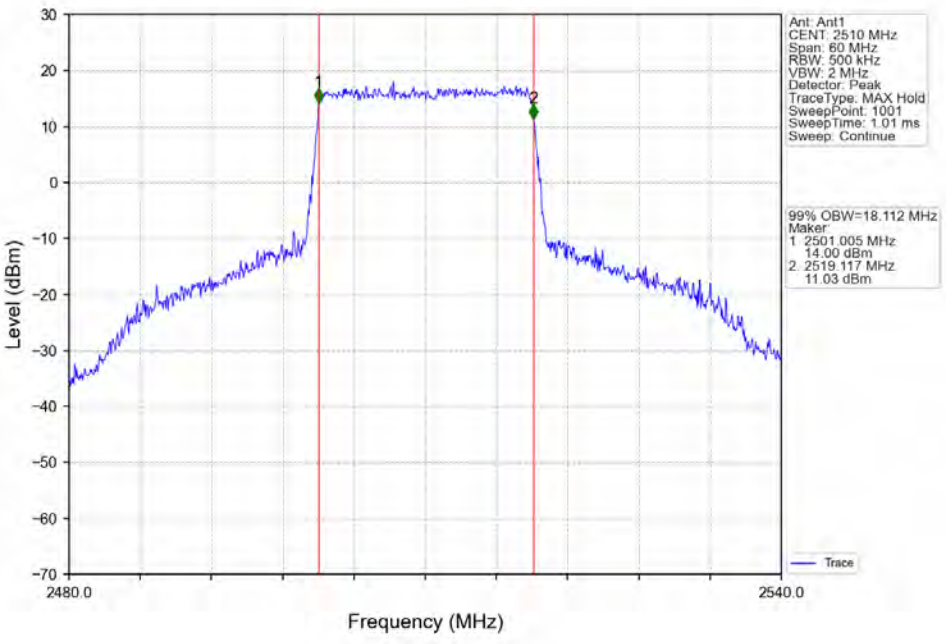
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



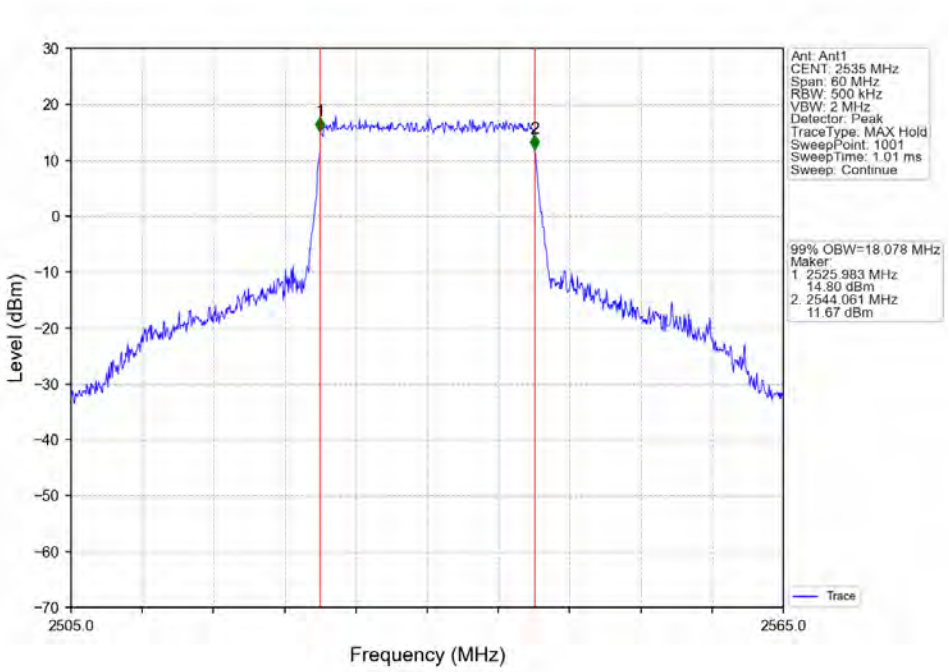
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



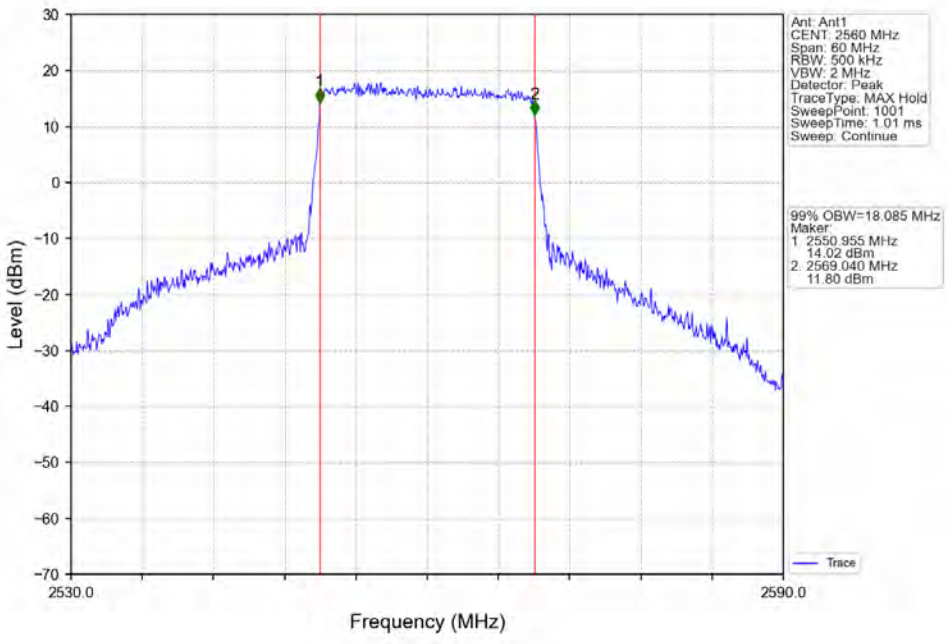
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



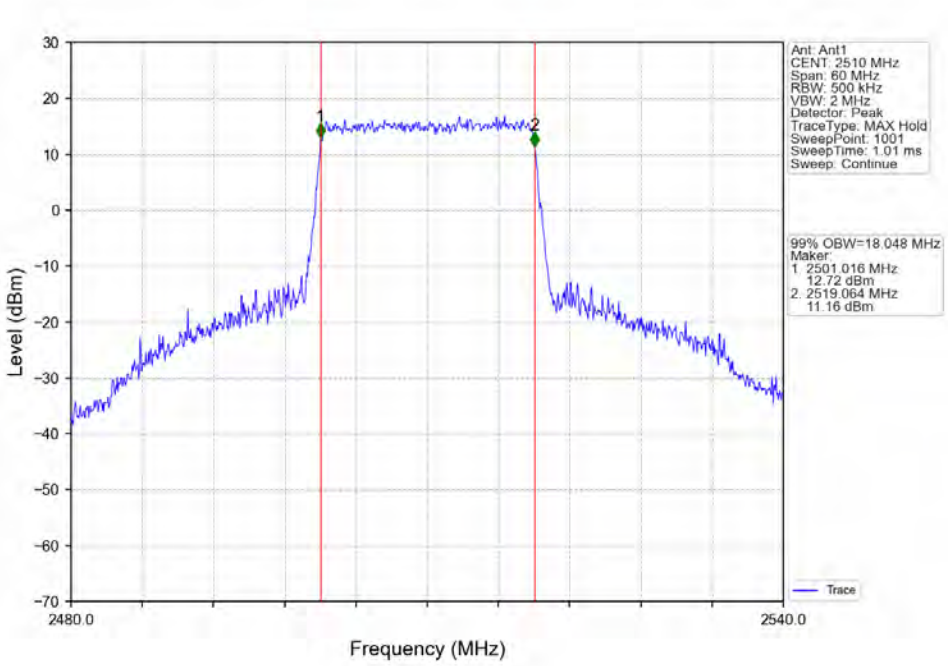
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



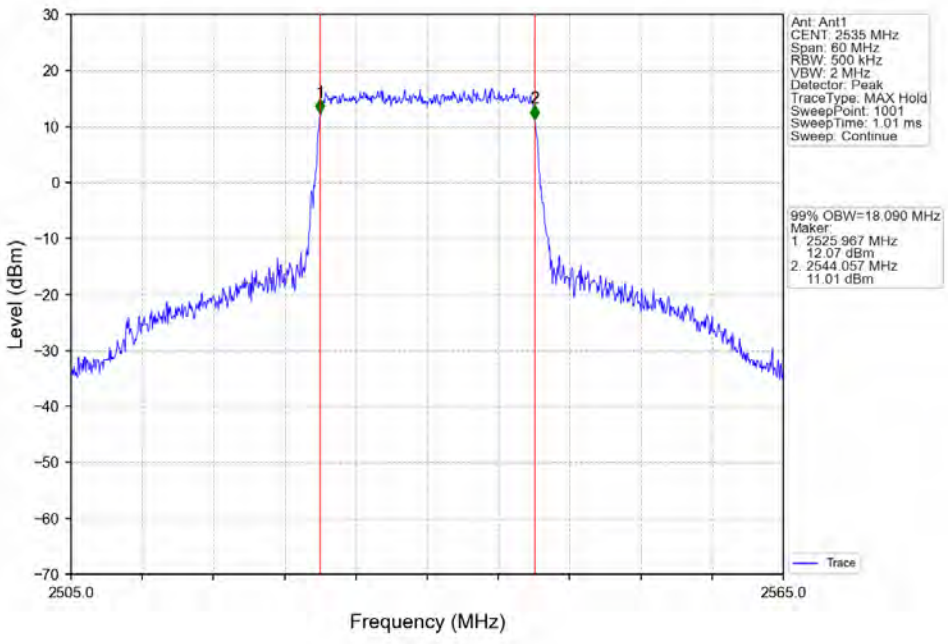
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

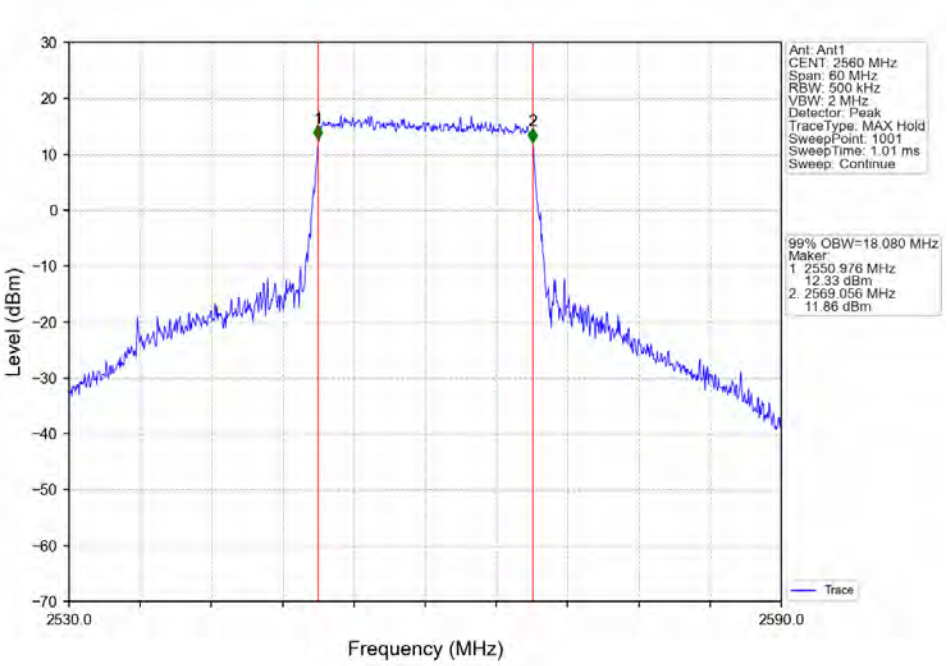


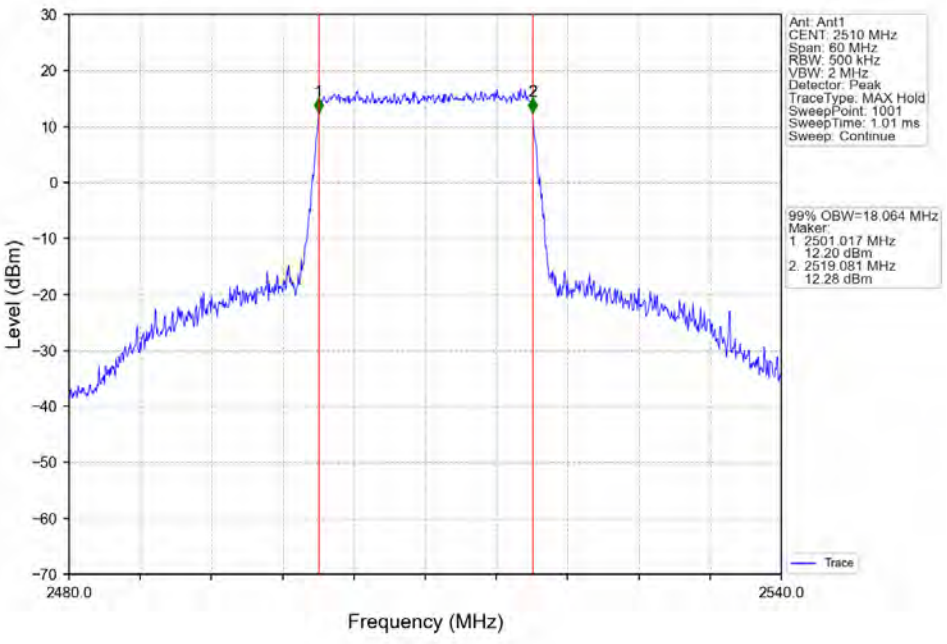
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



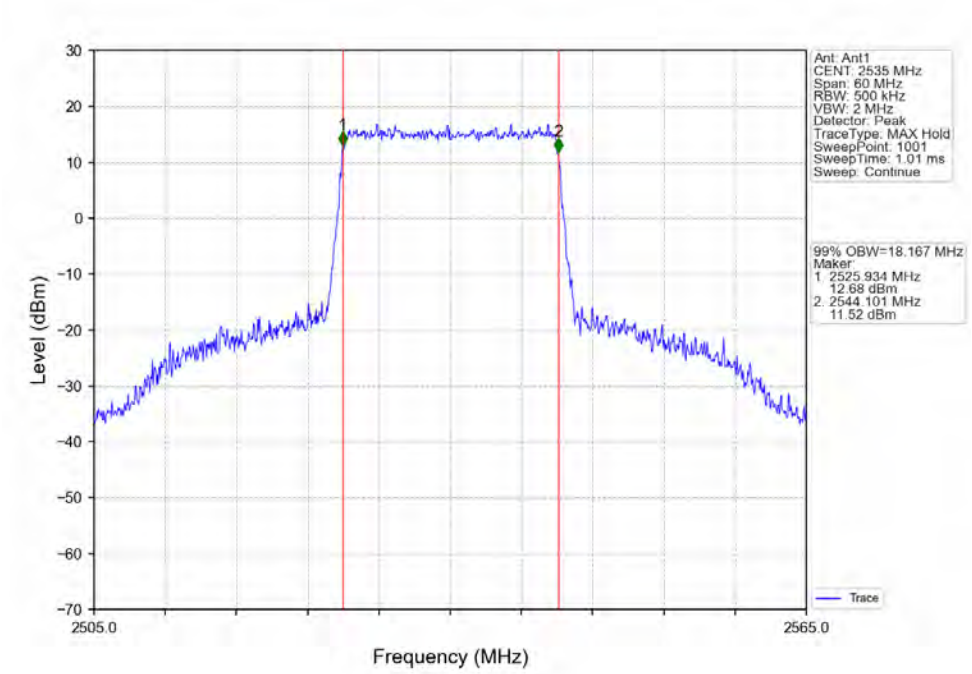
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



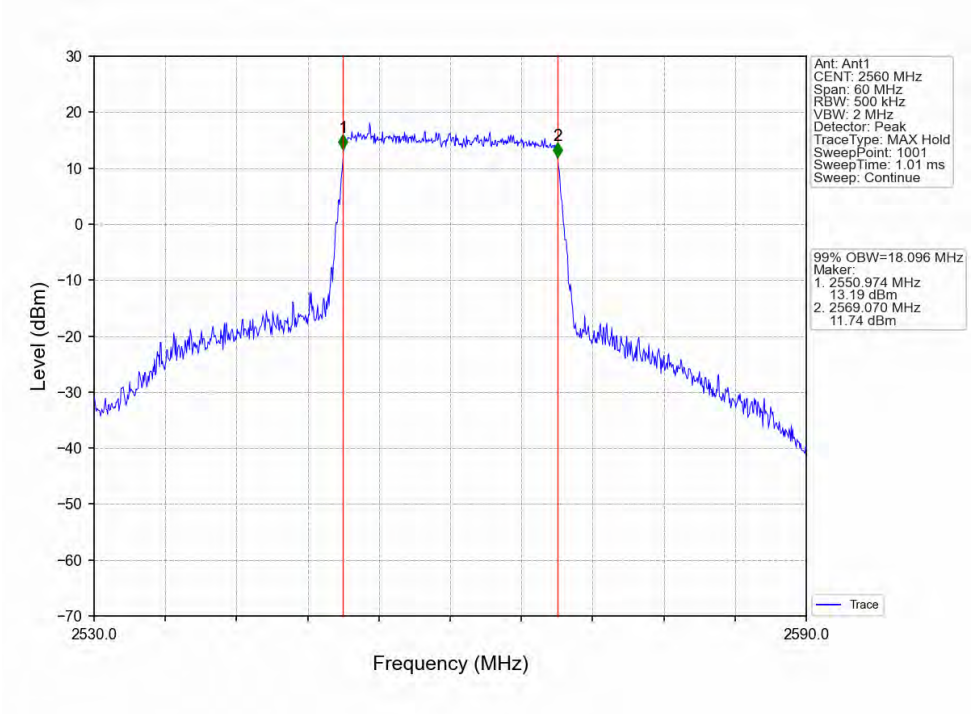
Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV


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



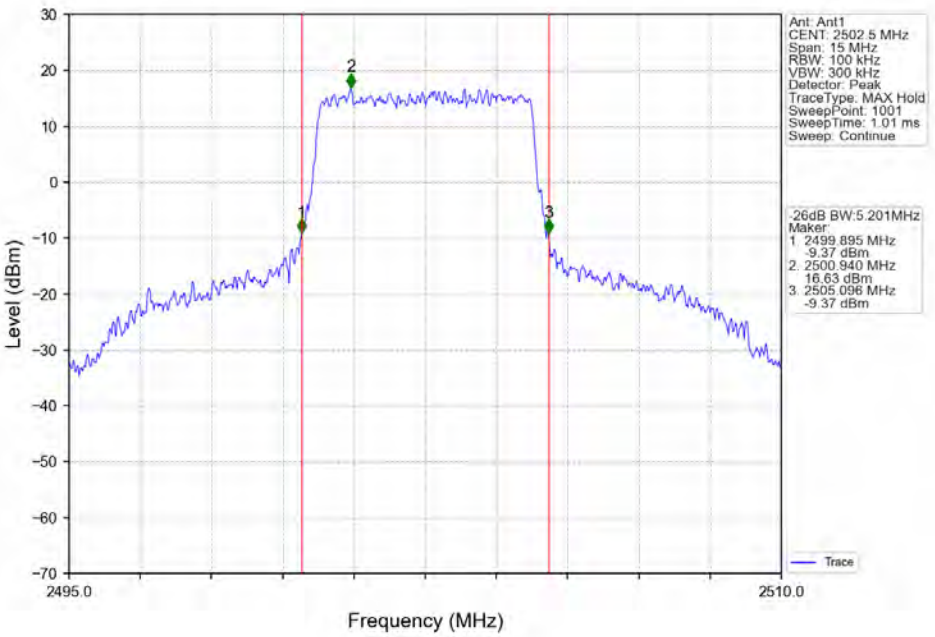
3.2 Band7_XDB

3.2.1 Test Result

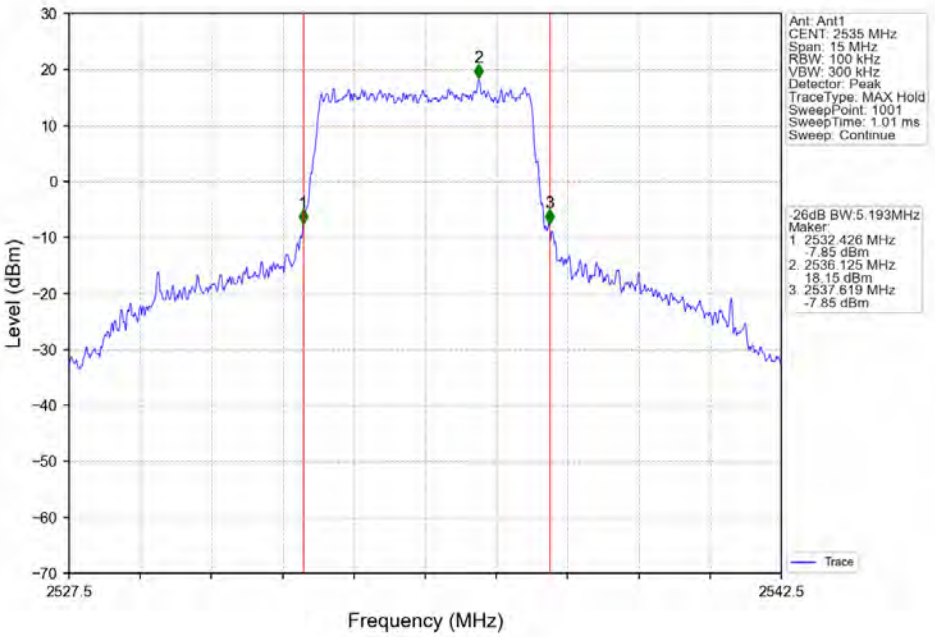
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.201	/	Pass
		2535	25	0	5.193	/	Pass
		2567.5	25	0	5.096	/	Pass
	16QAM	2502.5	25	0	5.145	/	Pass
		2535	25	0	5.137	/	Pass
		2567.5	25	0	5.079	/	Pass
	64QAM	2502.5	25	0	5.136	/	Pass
		2535	25	0	5.158	/	Pass
		2567.5	25	0	5.138	/	Pass
	256QAM	2502.5	25	0	5.119	/	Pass
		2535	25	0	5.150	/	Pass
		2567.5	25	0	5.107	/	Pass
10	QPSK	2505	50	0	10.050	/	Pass
		2535	50	0	10.107	/	Pass
		2565	50	0	9.982	/	Pass
	16QAM	2505	50	0	9.992	/	Pass
		2535	50	0	9.935	/	Pass
		2565	50	0	10.024	/	Pass
	64QAM	2505	50	0	9.910	/	Pass
		2535	50	0	10.081	/	Pass
		2565	50	0	9.980	/	Pass
	256QAM	2505	50	0	10.047	/	Pass
		2535	50	0	10.011	/	Pass
		2565	50	0	10.054	/	Pass
15	QPSK	2507.5	75	0	14.973	/	Pass
		2535	75	0	14.900	/	Pass
		2562.5	75	0	15.044	/	Pass
	16QAM	2507.5	75	0	14.976	/	Pass
		2535	75	0	15.011	/	Pass
		2562.5	75	0	15.026	/	Pass
	64QAM	2507.5	75	0	14.899	/	Pass
		2535	75	0	14.911	/	Pass
		2562.5	75	0	14.894	/	Pass
	256QAM	2507.5	75	0	14.997	/	Pass
		2535	75	0	15.042	/	Pass
		2562.5	75	0	15.033	/	Pass
20	QPSK	2510	100	0	20.183	/	Pass
		2535	100	0	19.948	/	Pass
		2560	100	0	19.929	/	Pass
	16QAM	2510	100	0	20.060	/	Pass
		2535	100	0	20.061	/	Pass
		2560	100	0	19.982	/	Pass
	64QAM	2510	100	0	20.069	/	Pass
		2535	100	0	20.016	/	Pass
		2560	100	0	20.061	/	Pass
	256QAM	2510	100	0	20.000	/	Pass
		2535	100	0	20.021	/	Pass
		2560	100	0	19.958	/	Pass

3.2.2 Test Graph

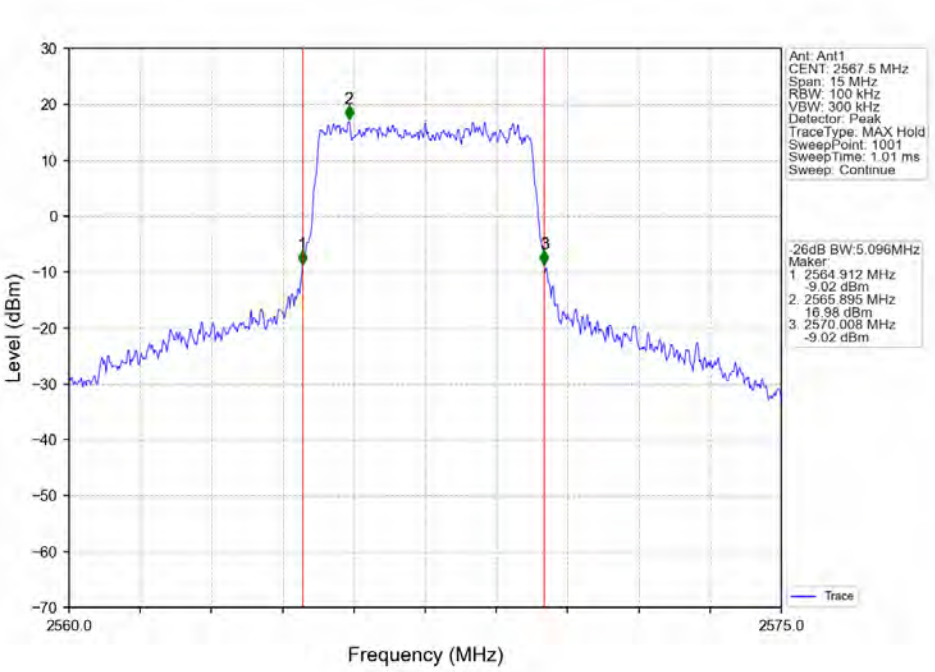
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



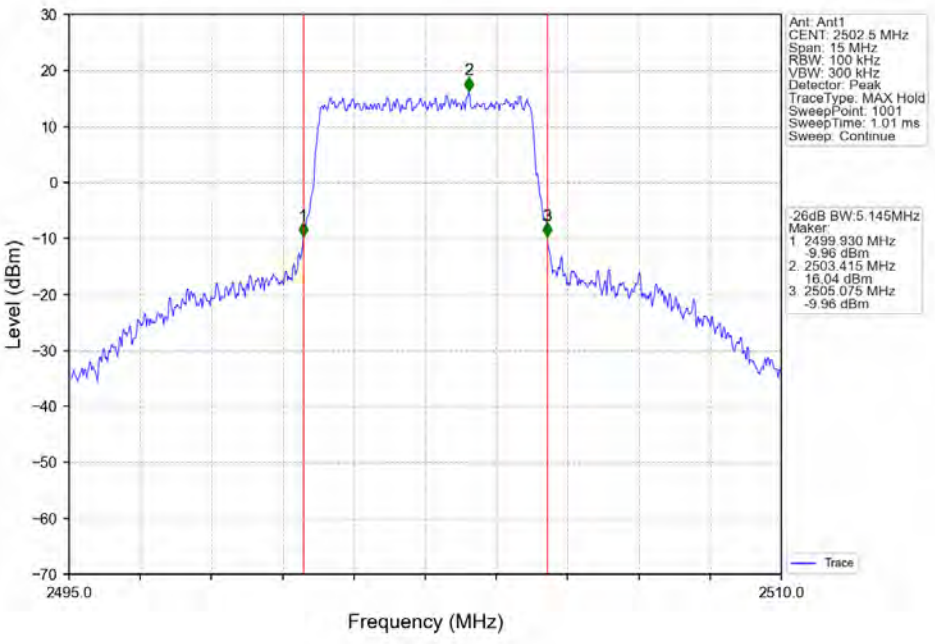
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



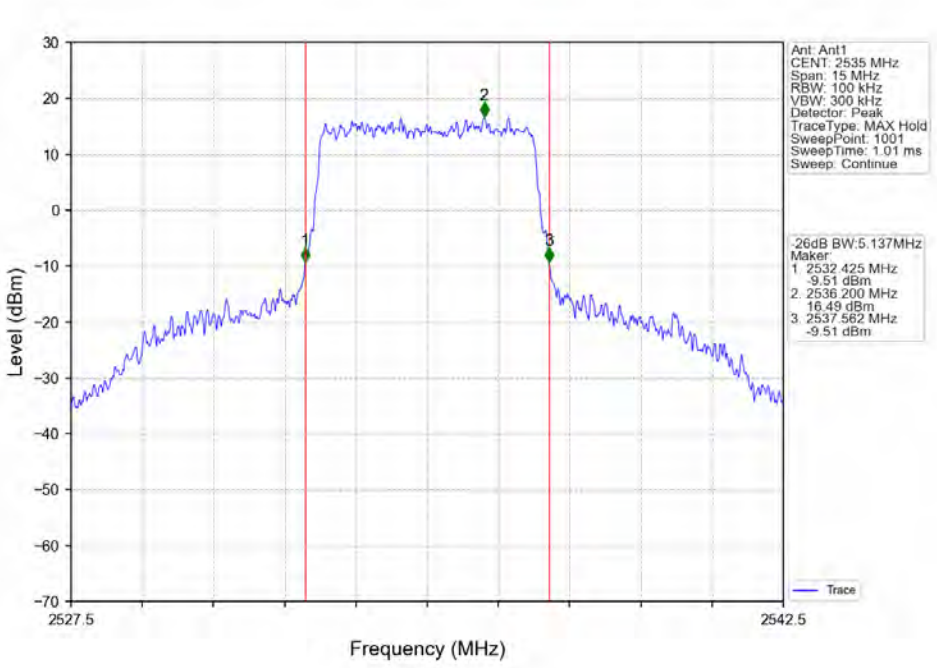
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



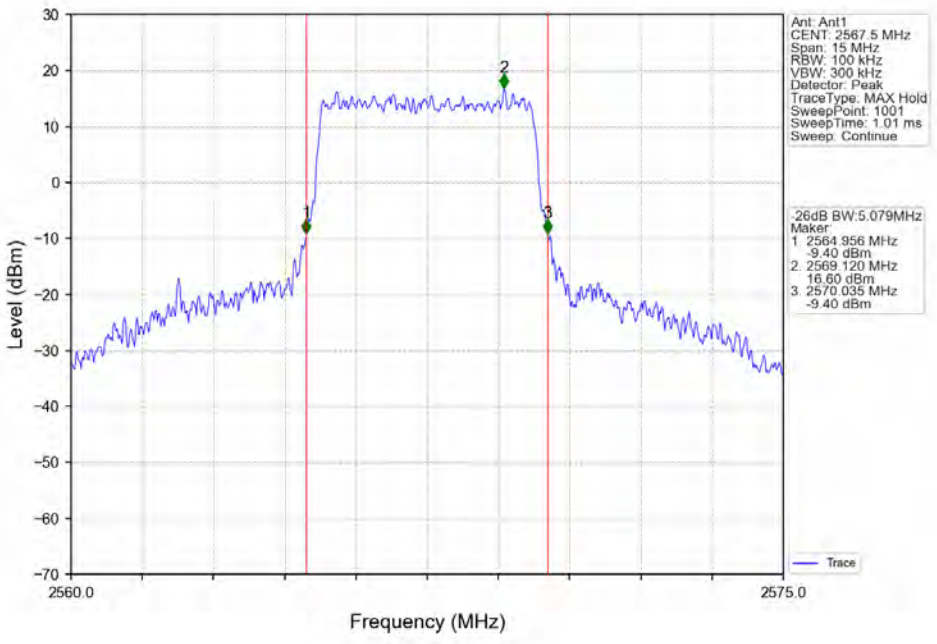
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



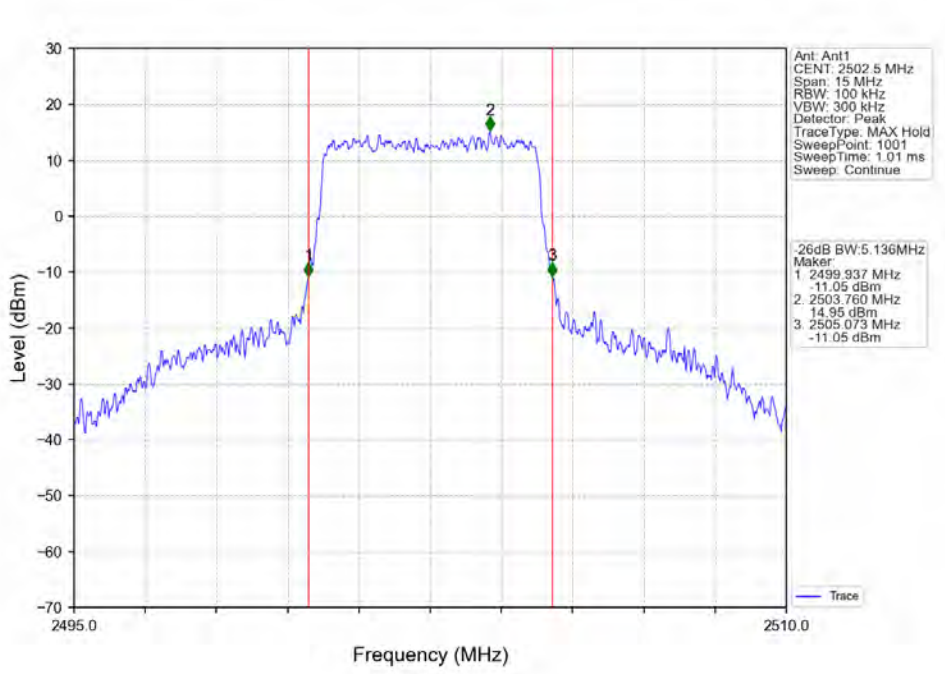
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



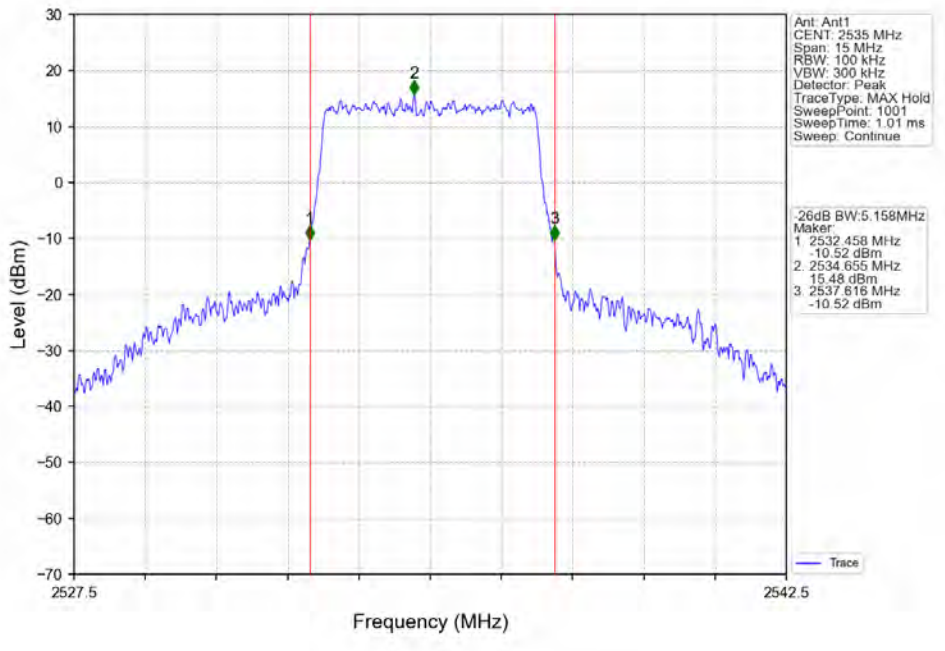
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



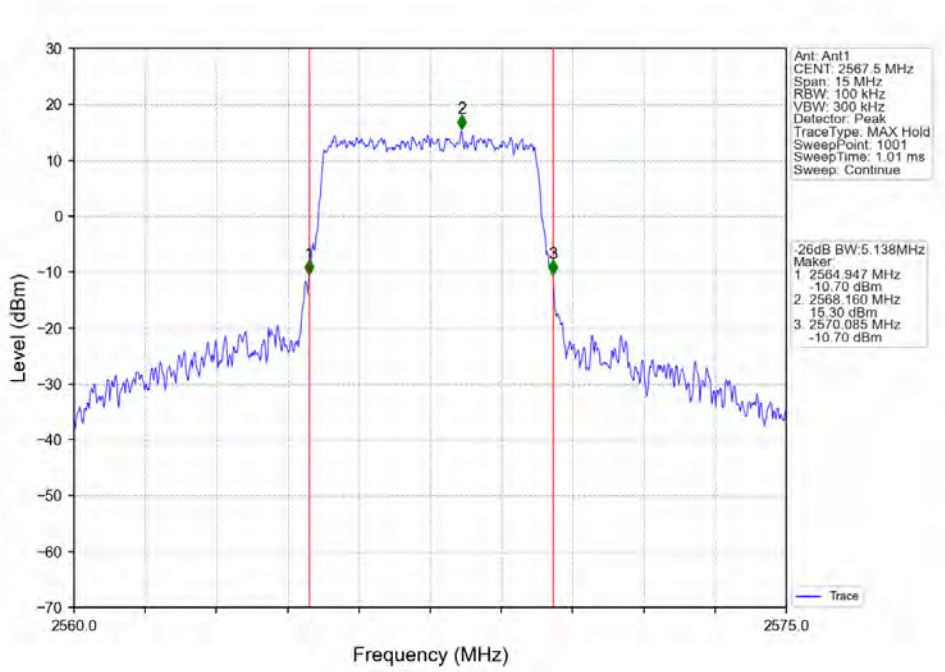
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



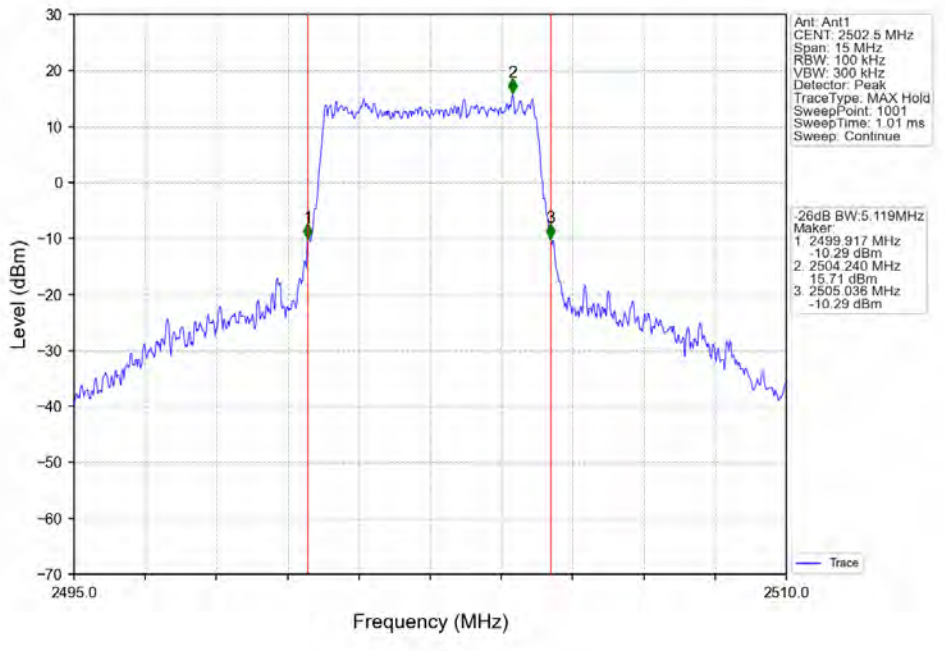
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



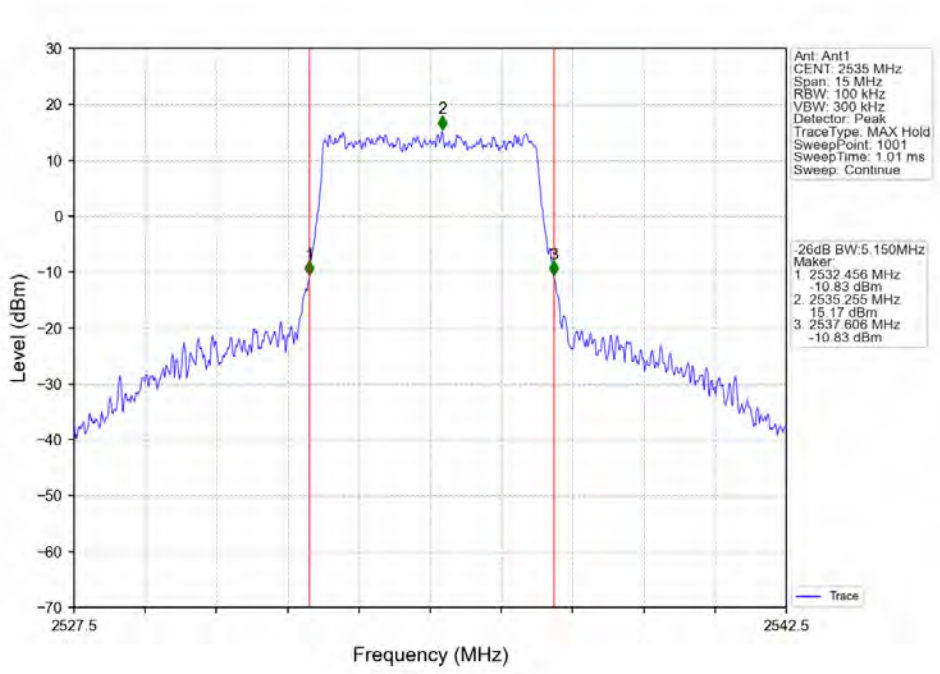
Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



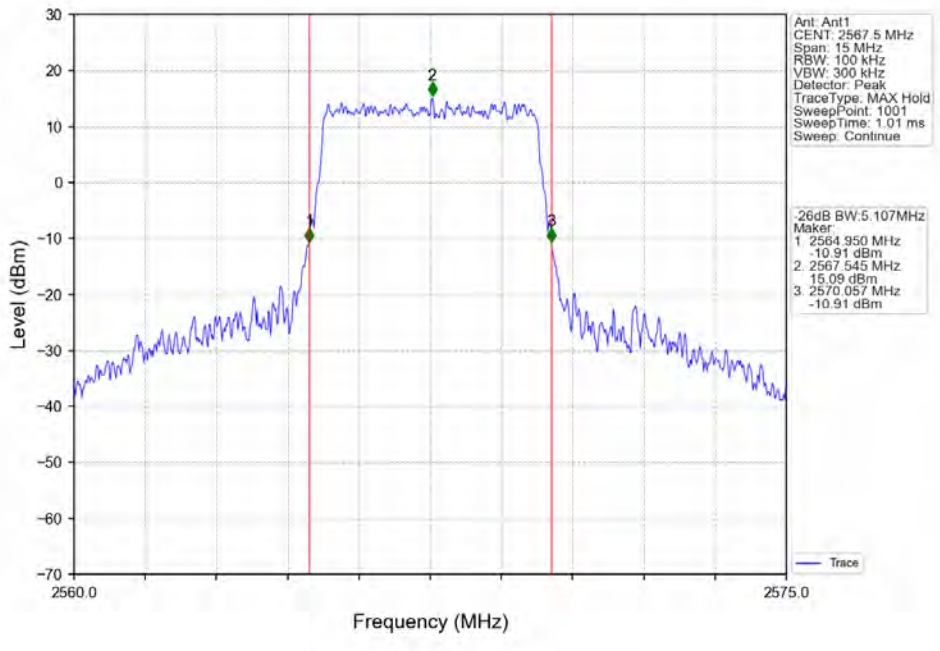
Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV



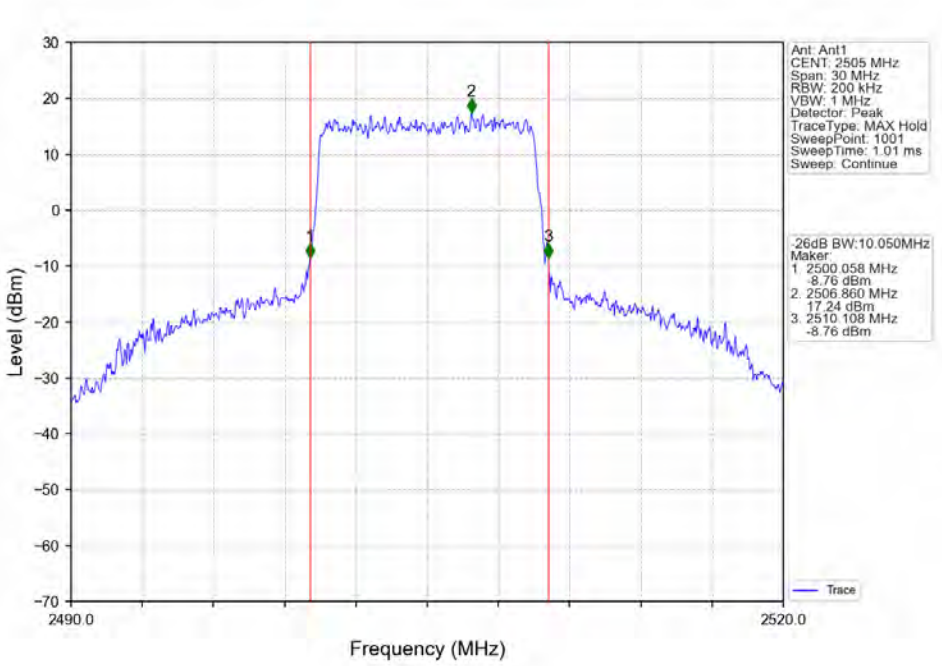
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



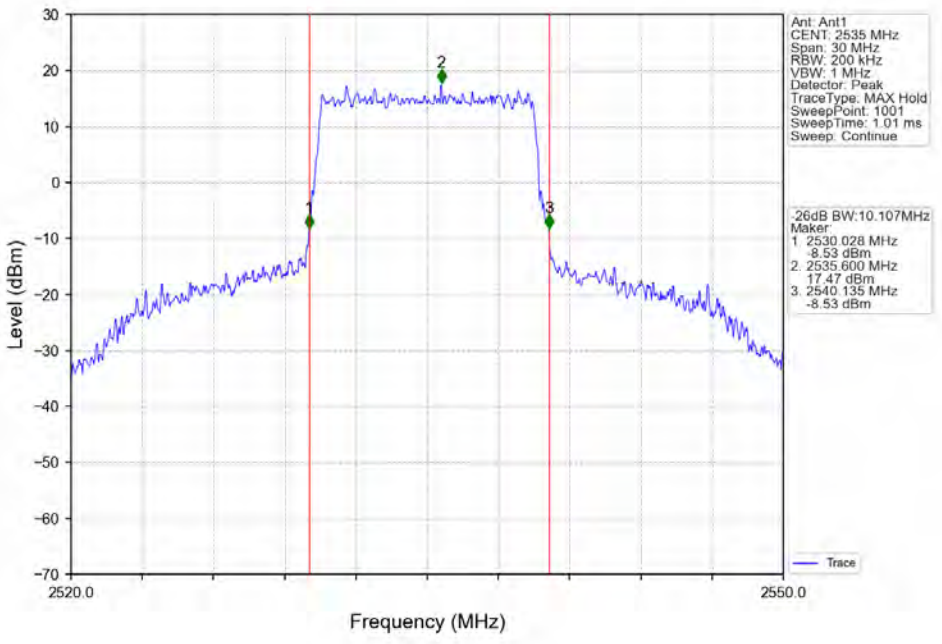
Band7_5MHz_256QAM_HCH_2567.5MHz_RB_25_0_NTNV



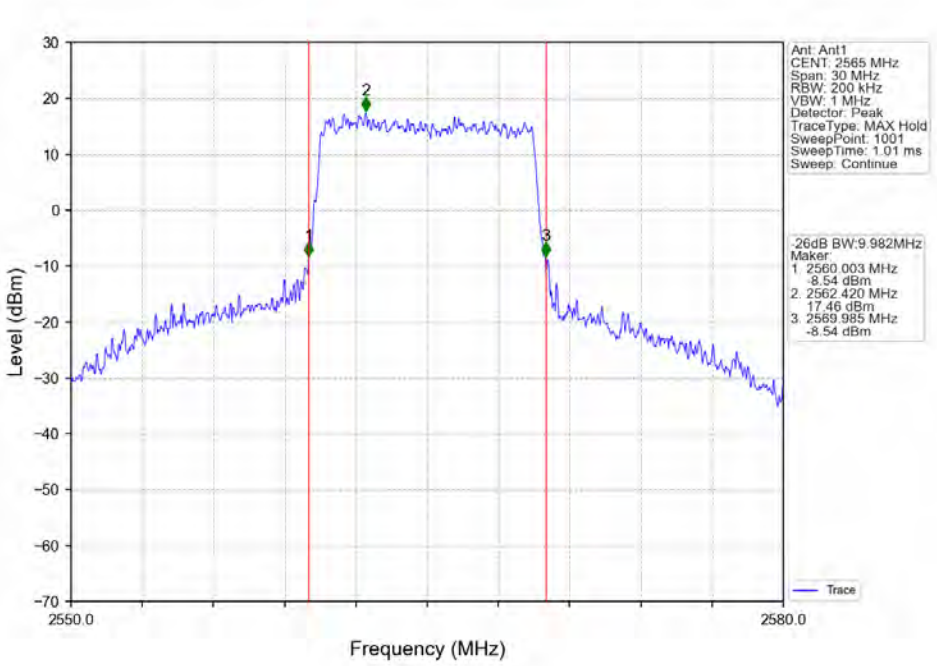
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



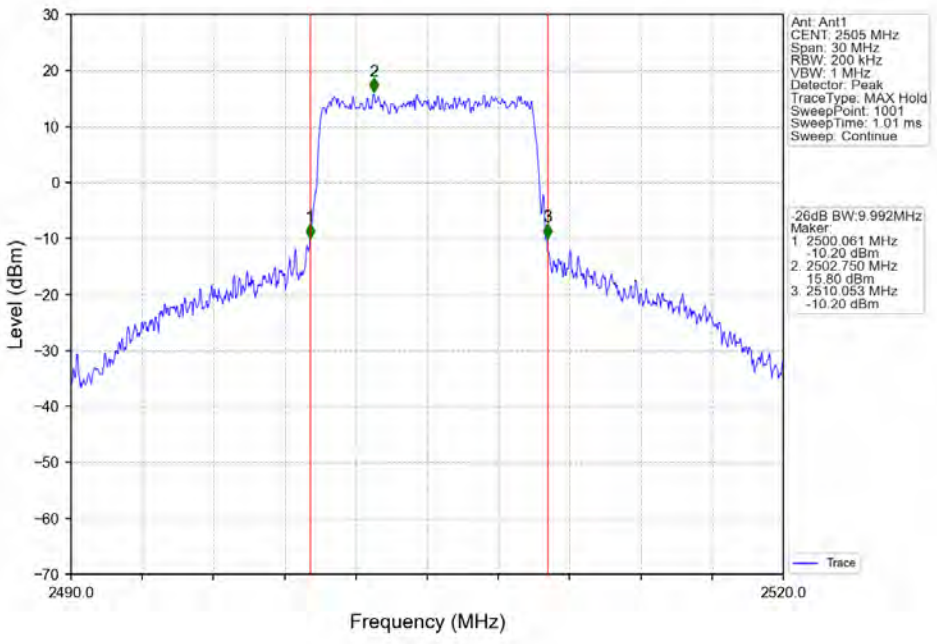
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



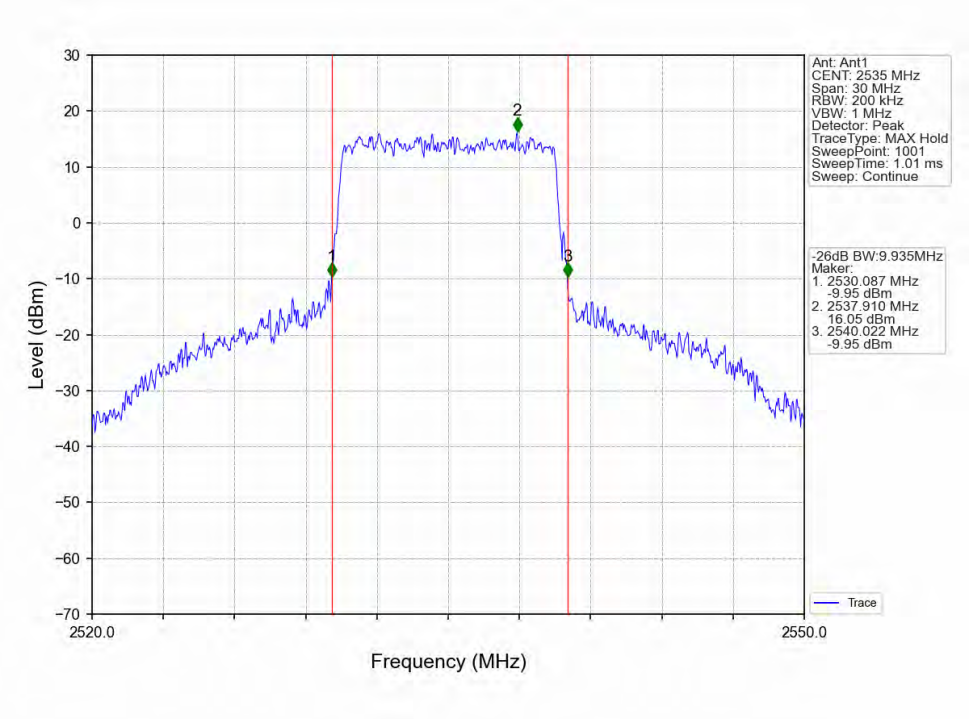
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



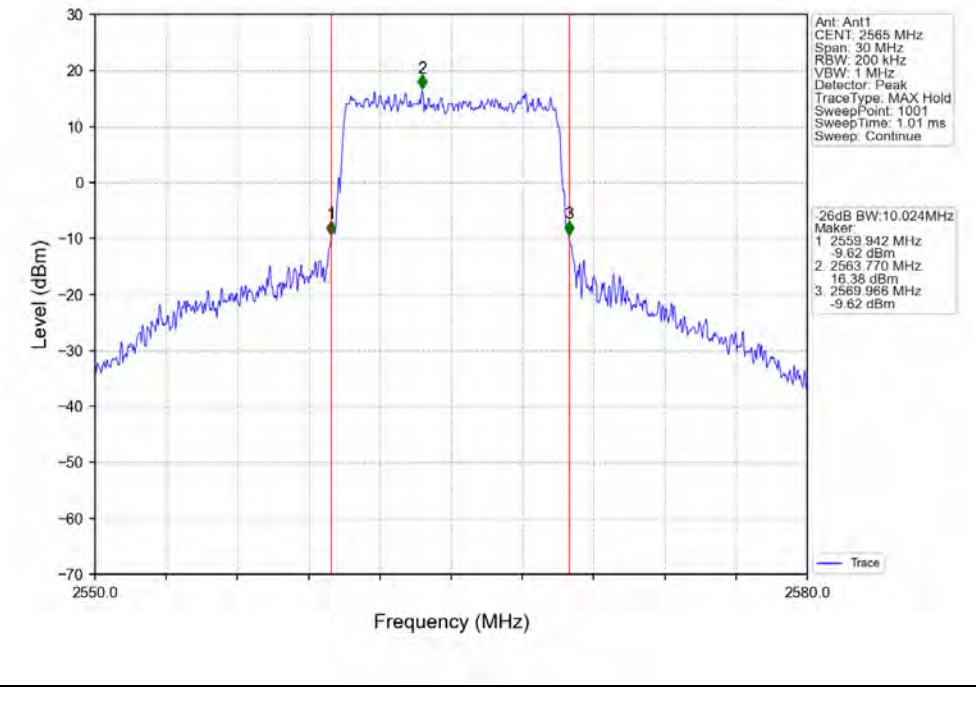
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



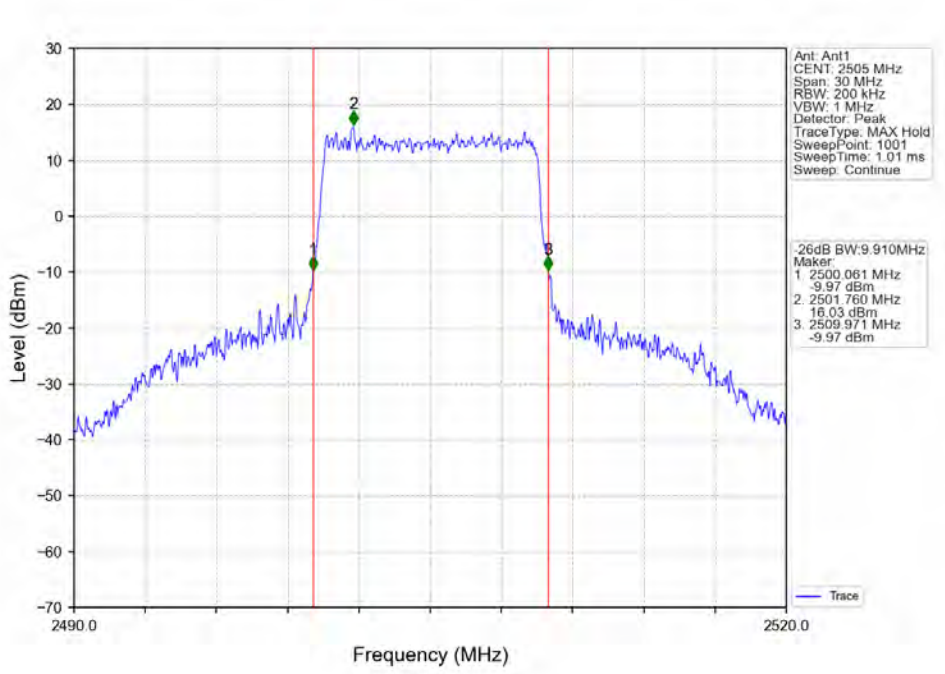
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



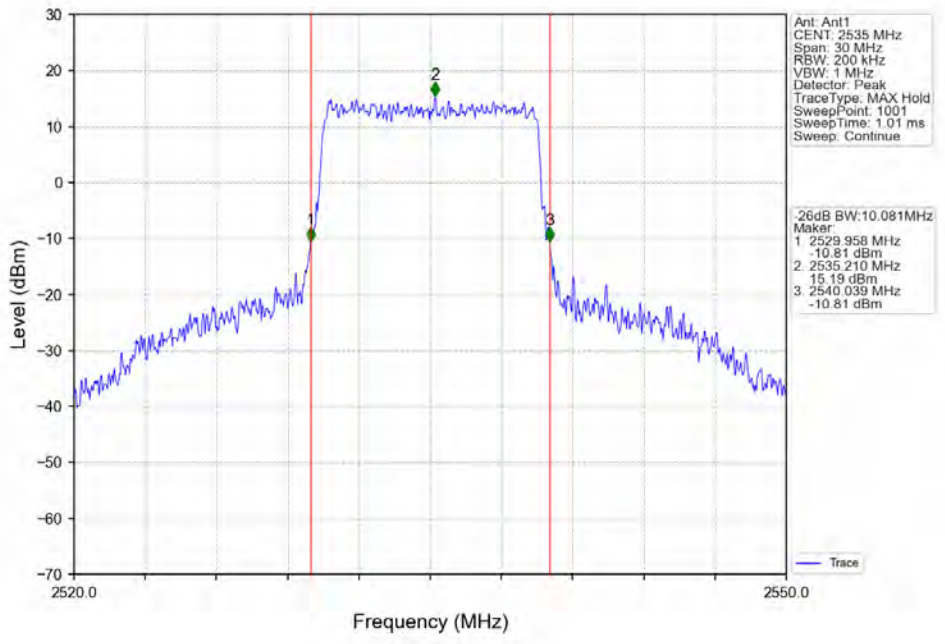
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



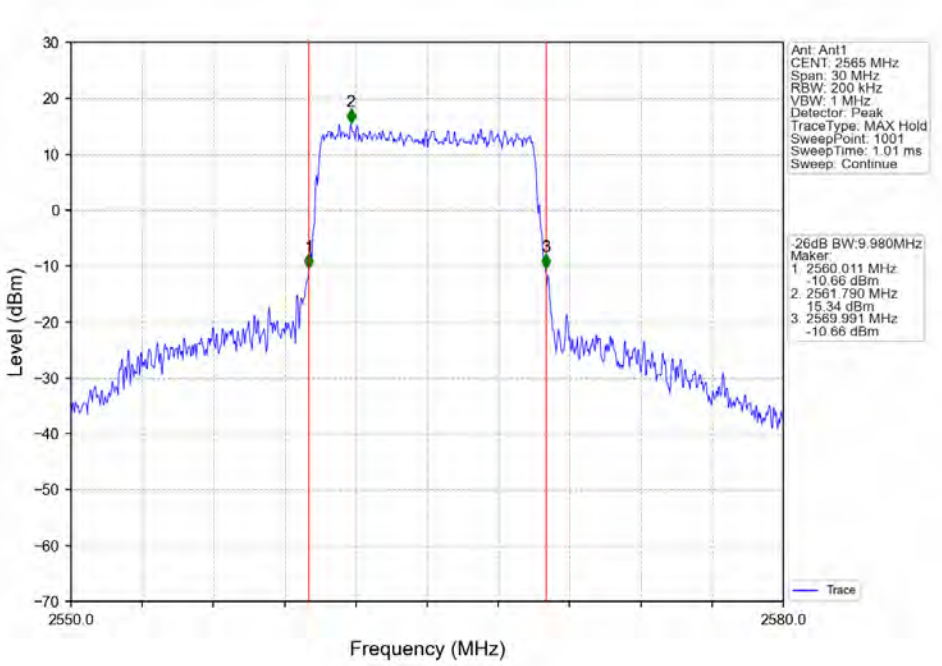
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



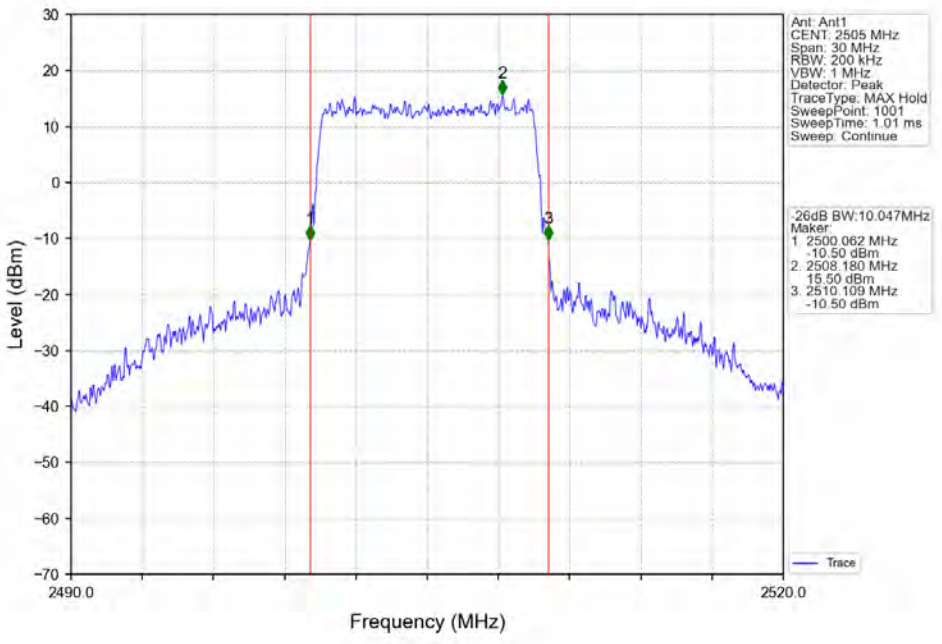
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



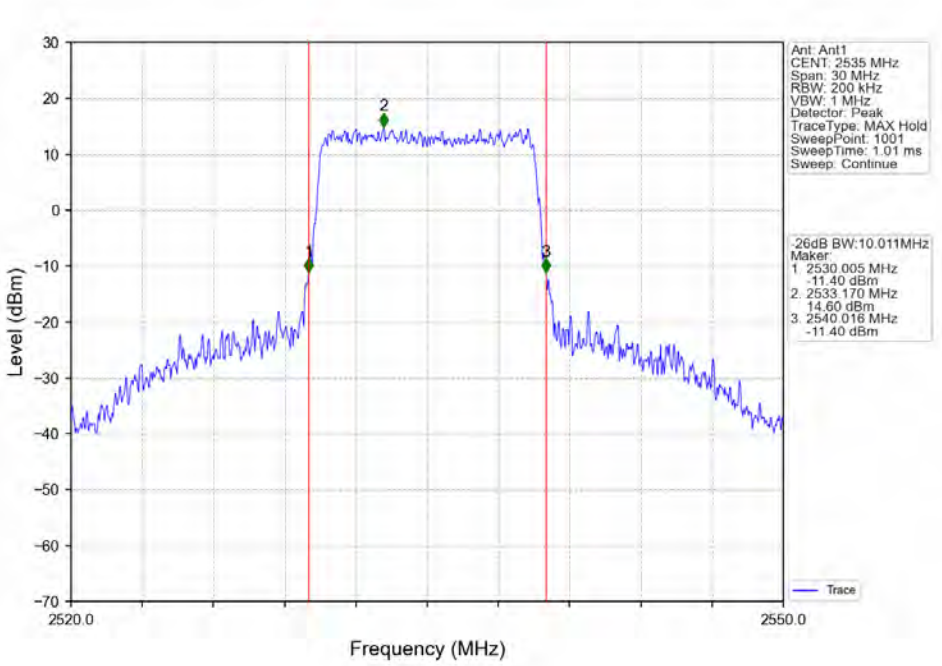
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



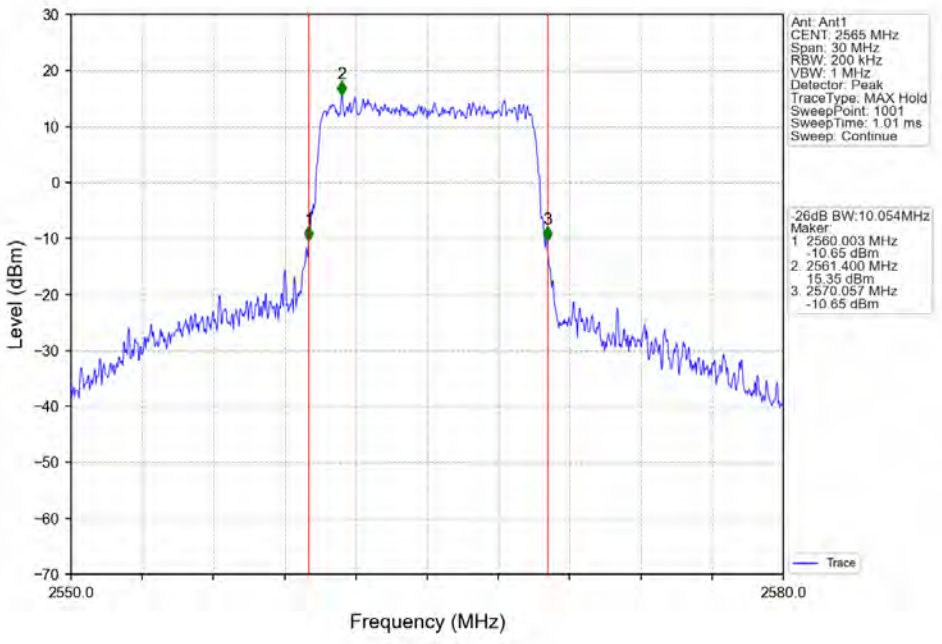
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



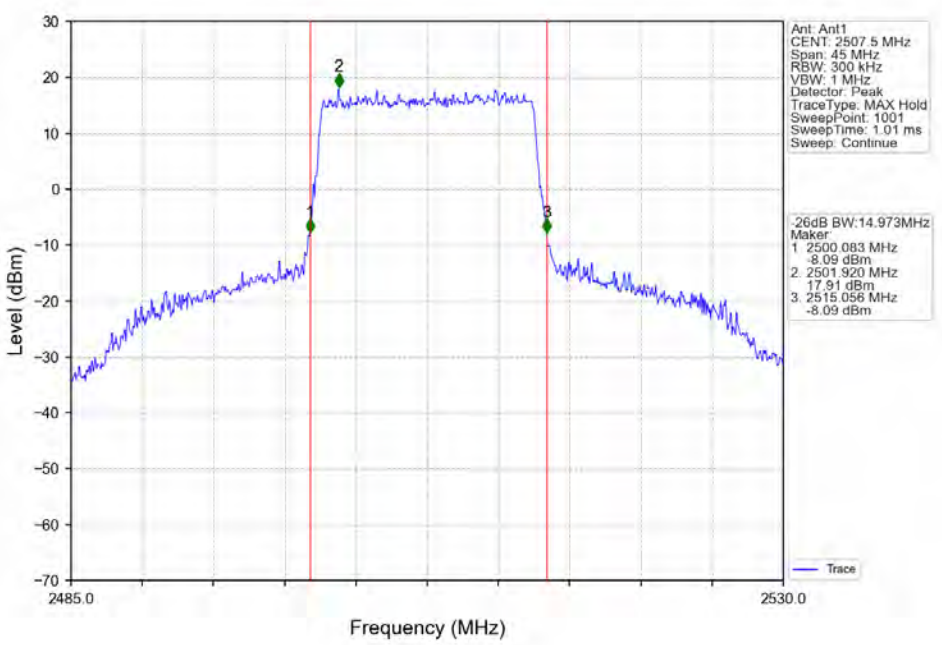
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



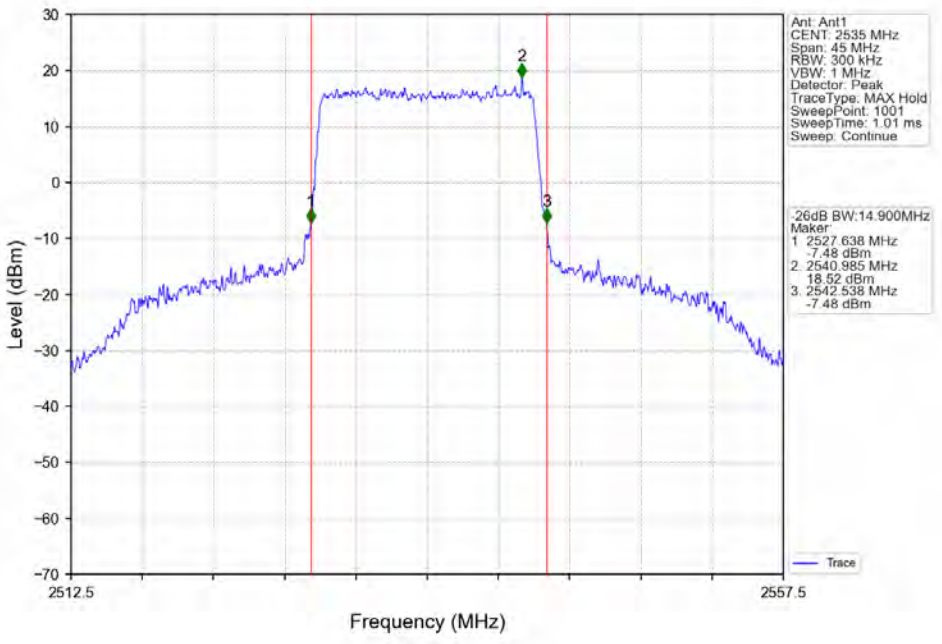
Band7_10MHz_256QAM_HCH_2565MHz_RB_50_0_NTNV



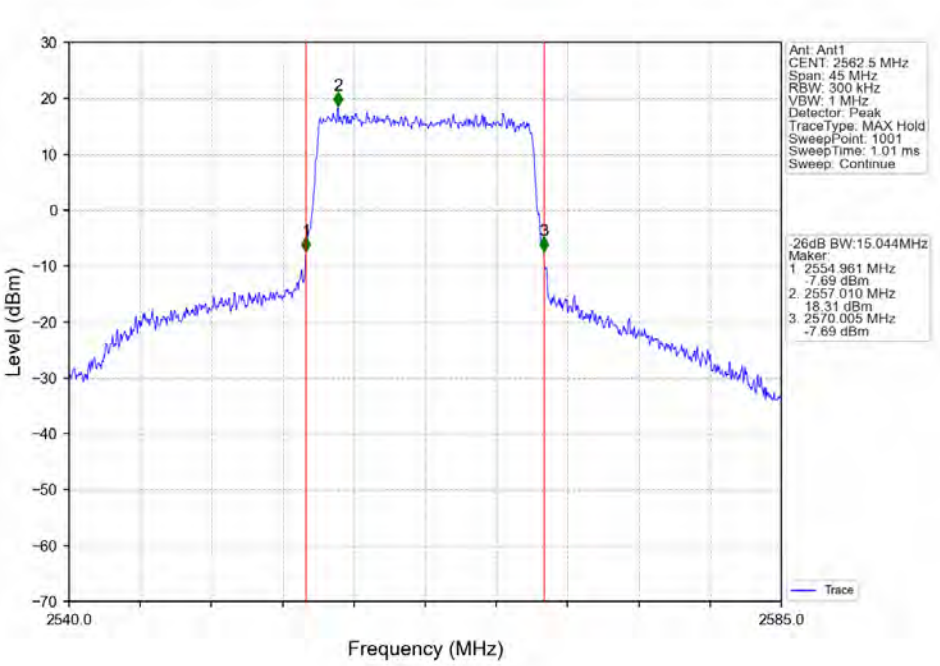
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



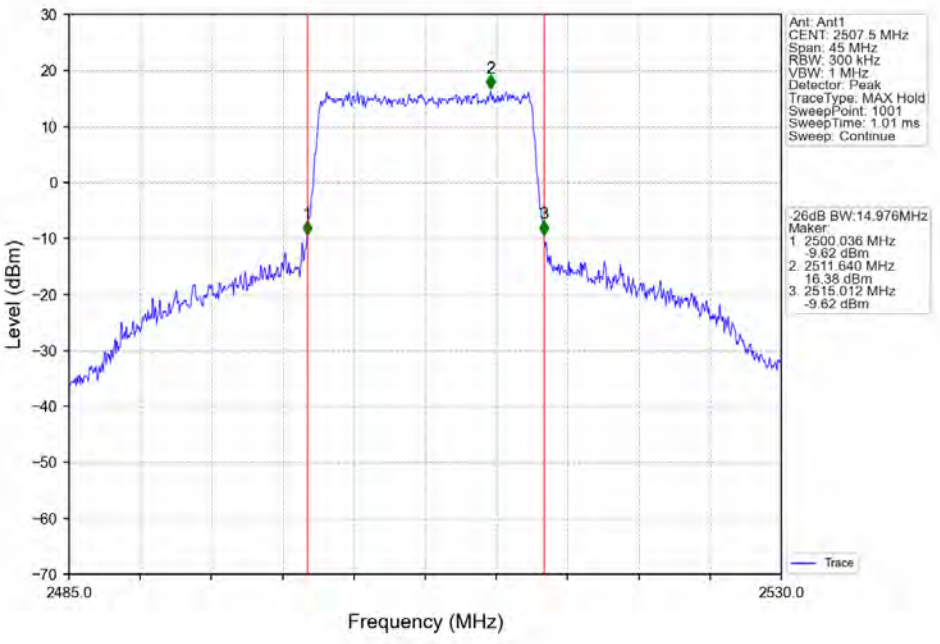
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



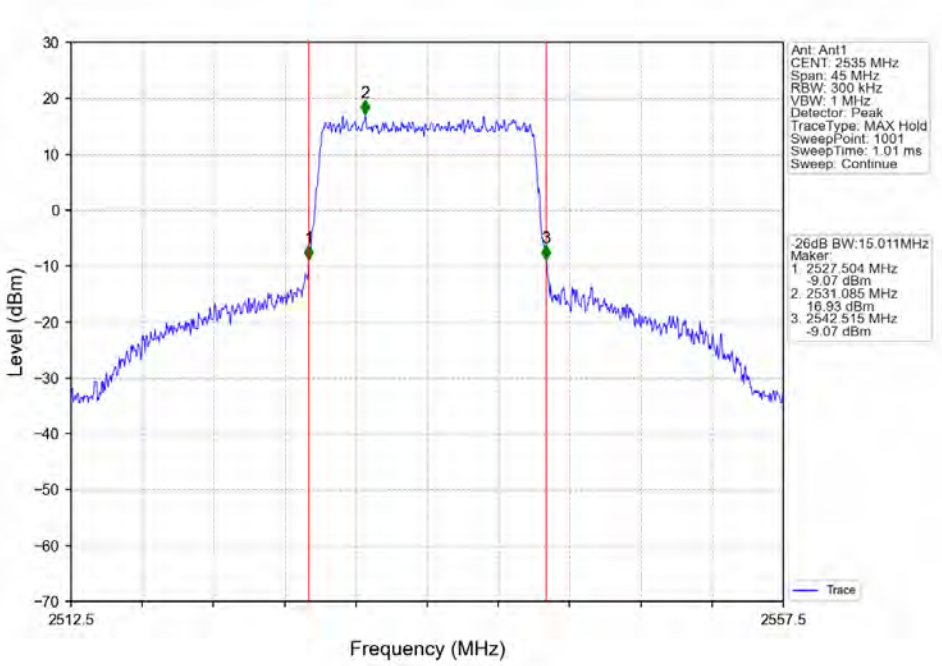
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



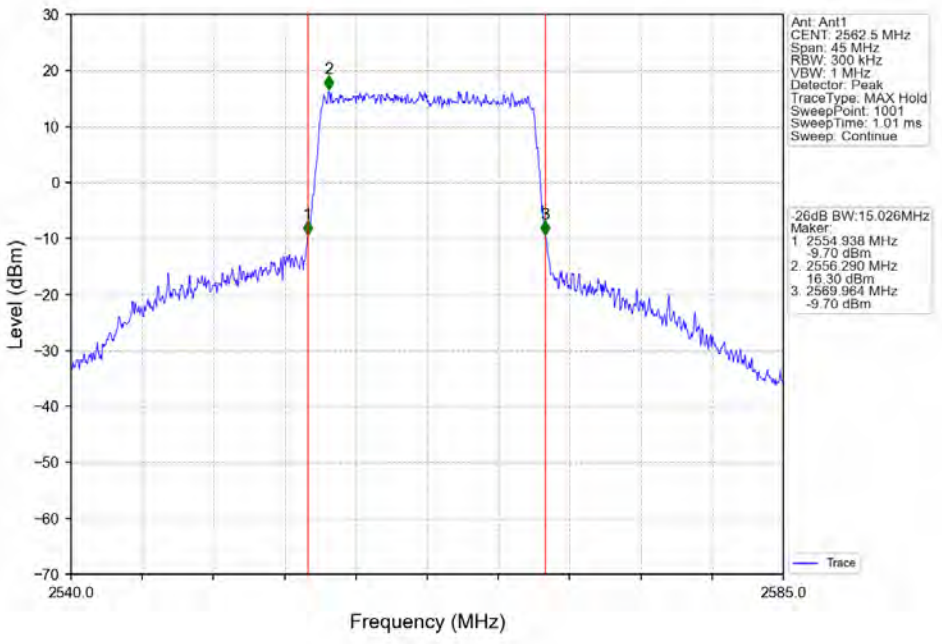
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



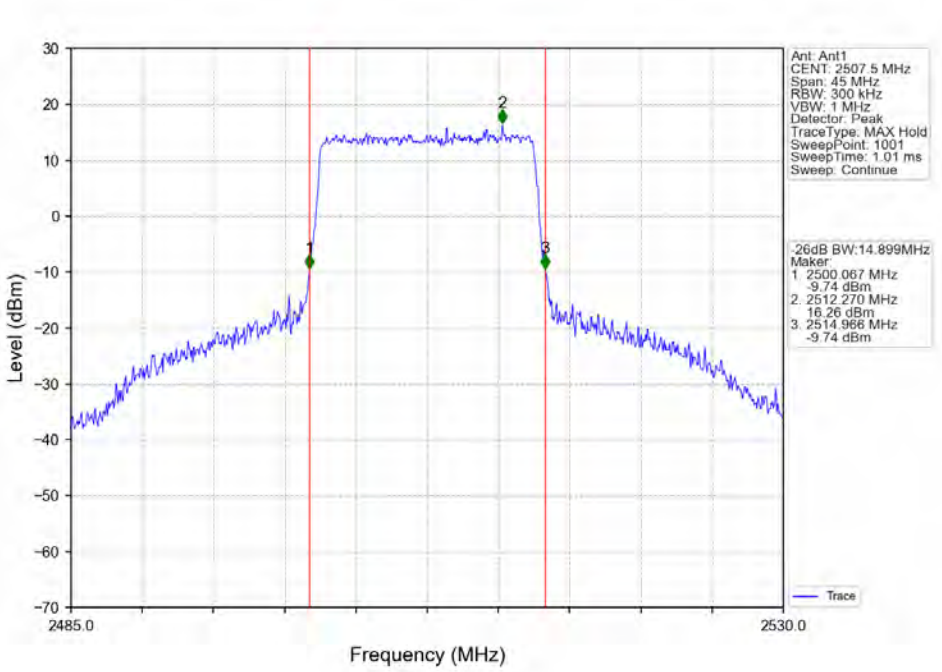
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



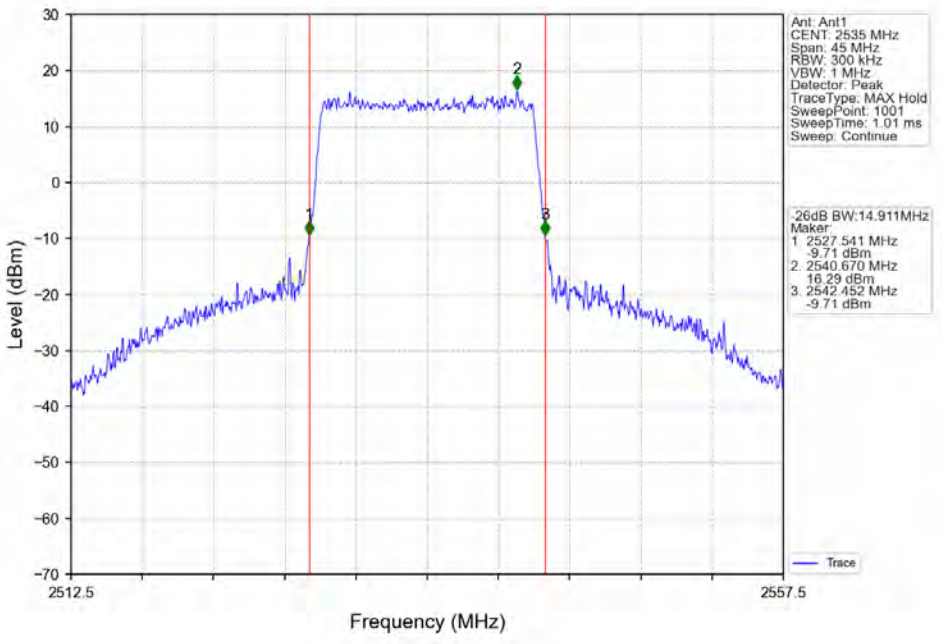
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



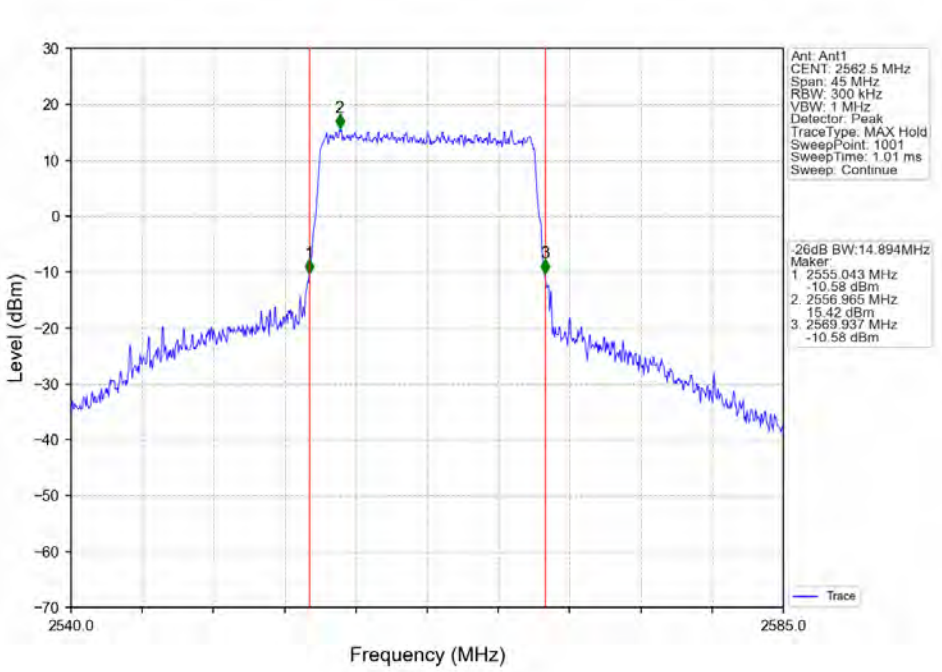
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



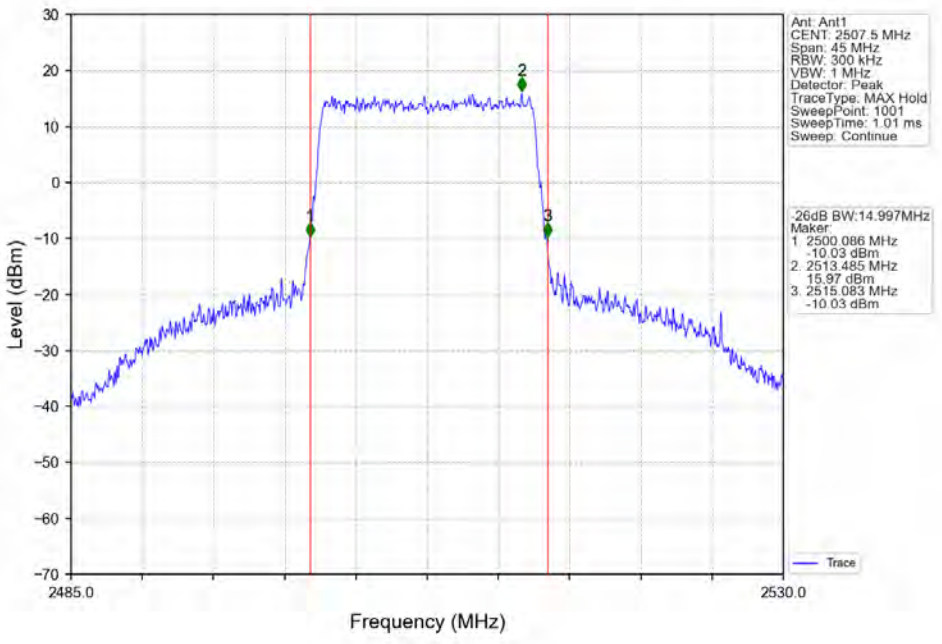
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



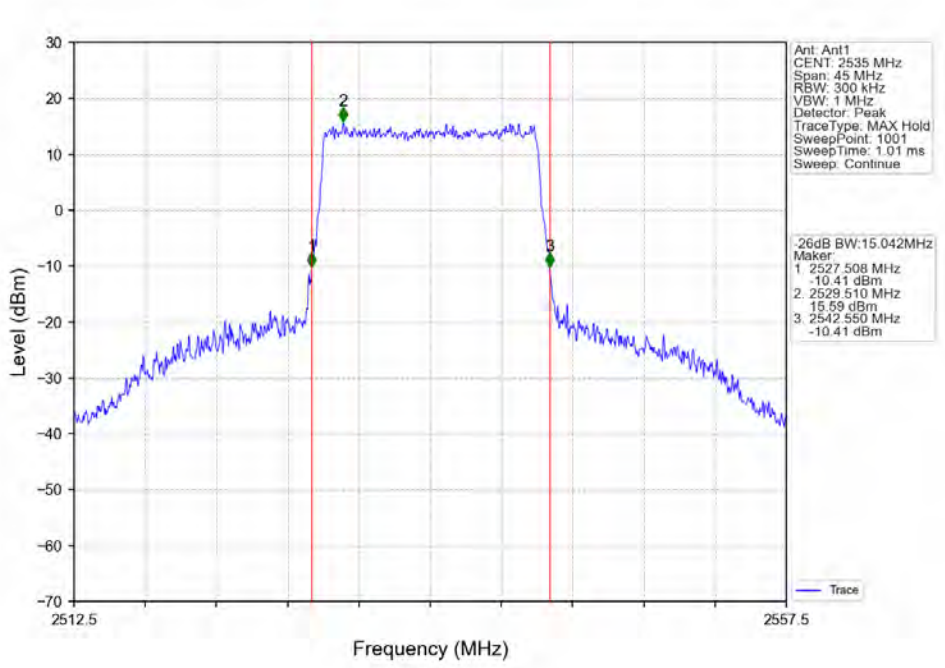
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



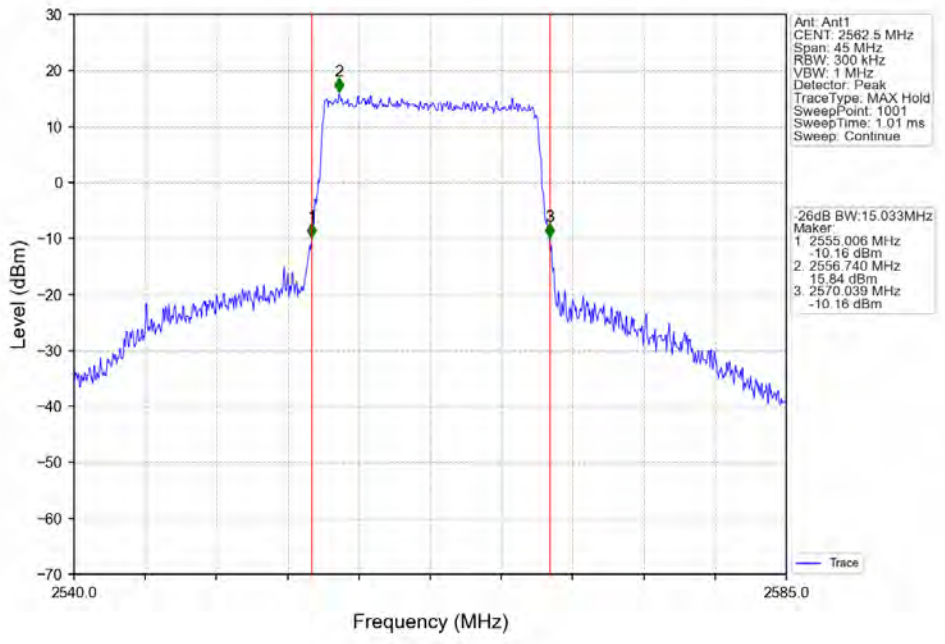
Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



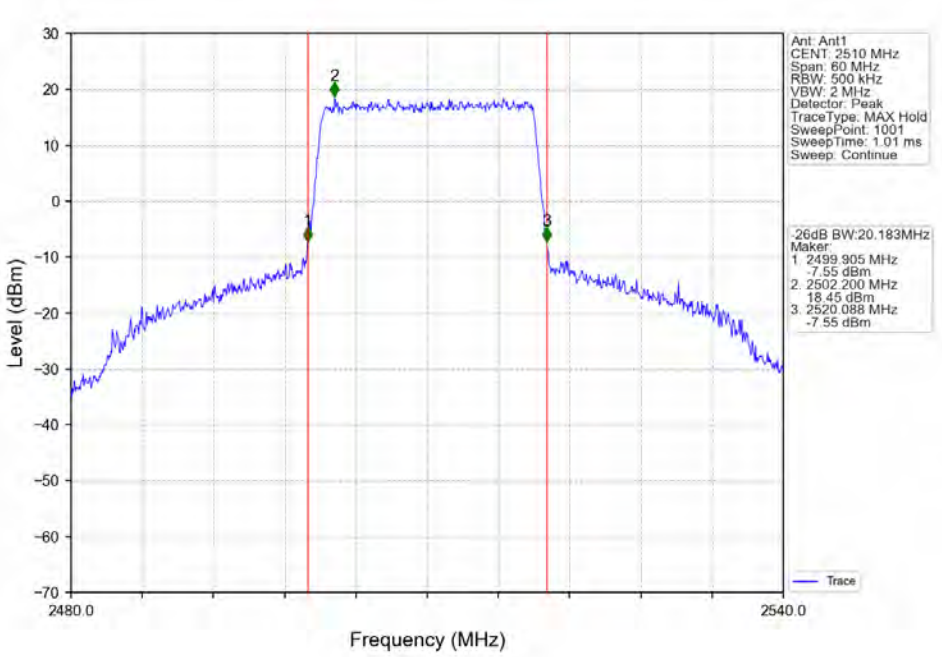
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



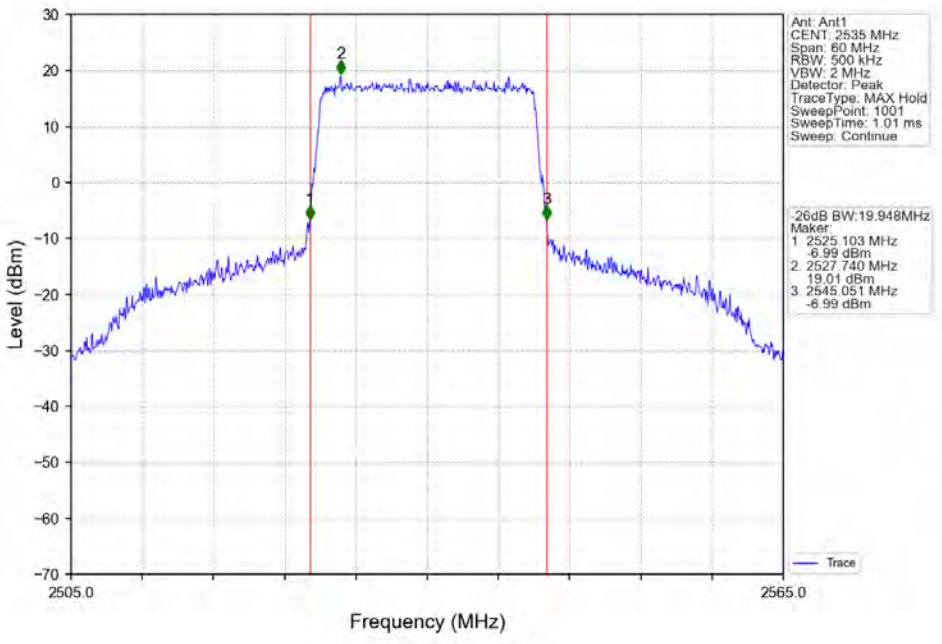
Band7_15MHz_256QAM_HCH_2562.5MHz_RB_75_0_NTNV



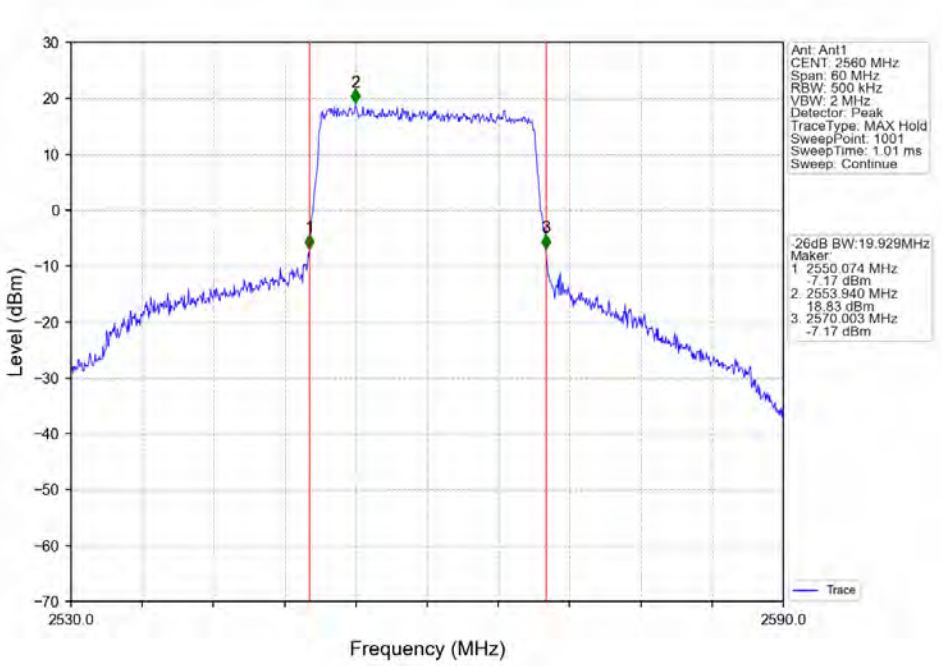
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



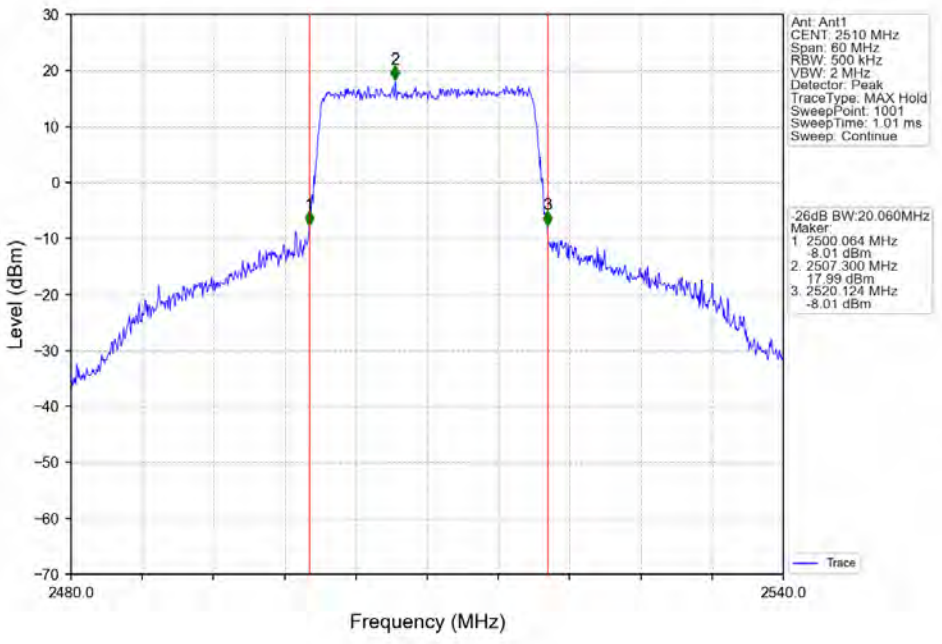
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



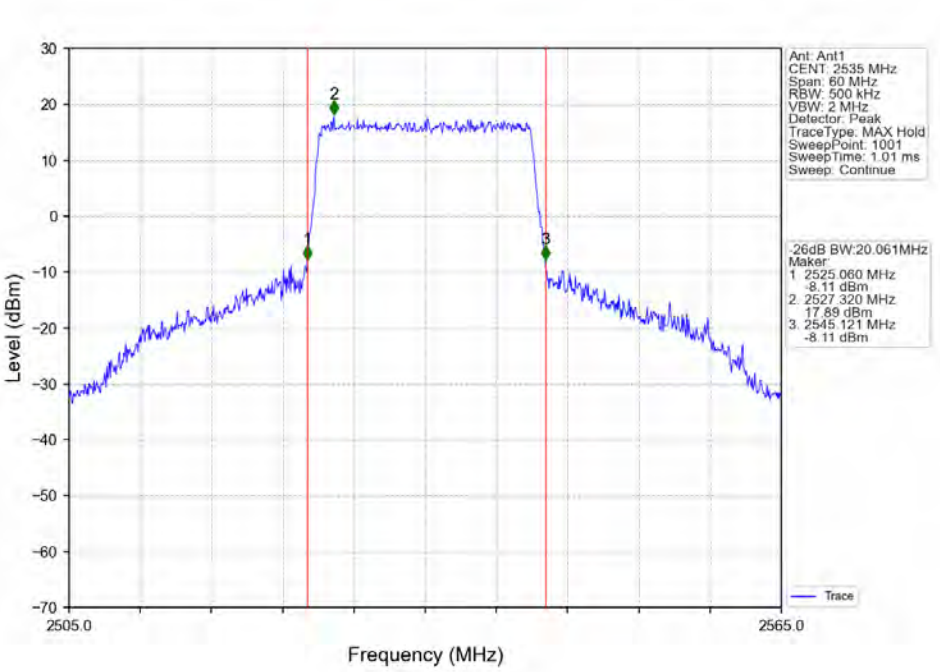
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



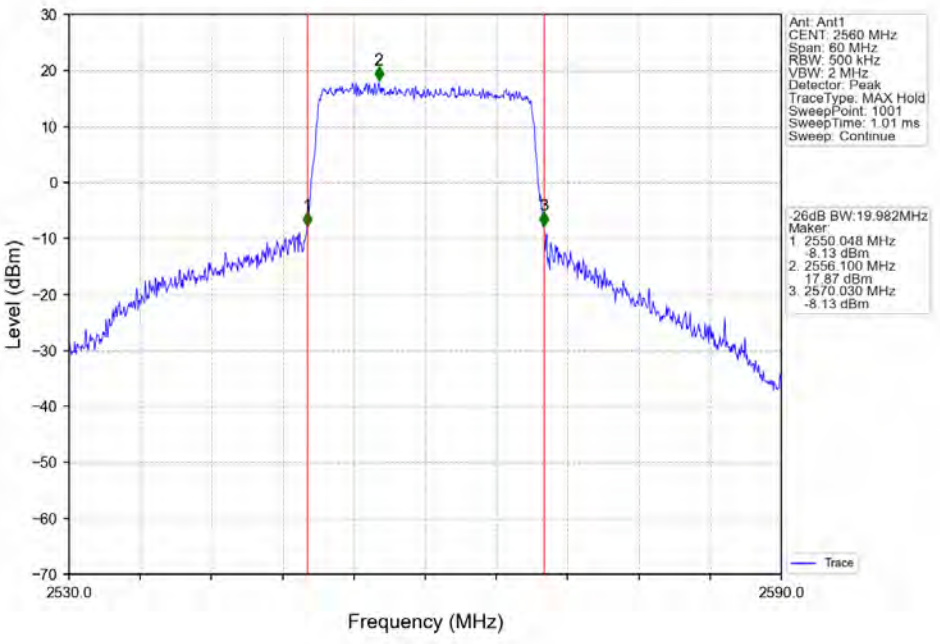
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



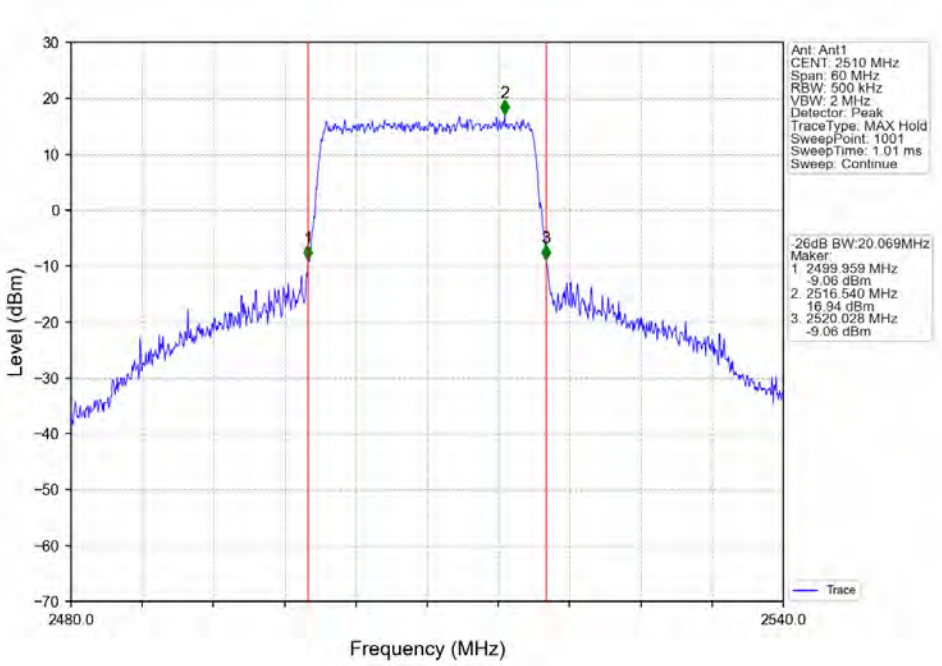
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



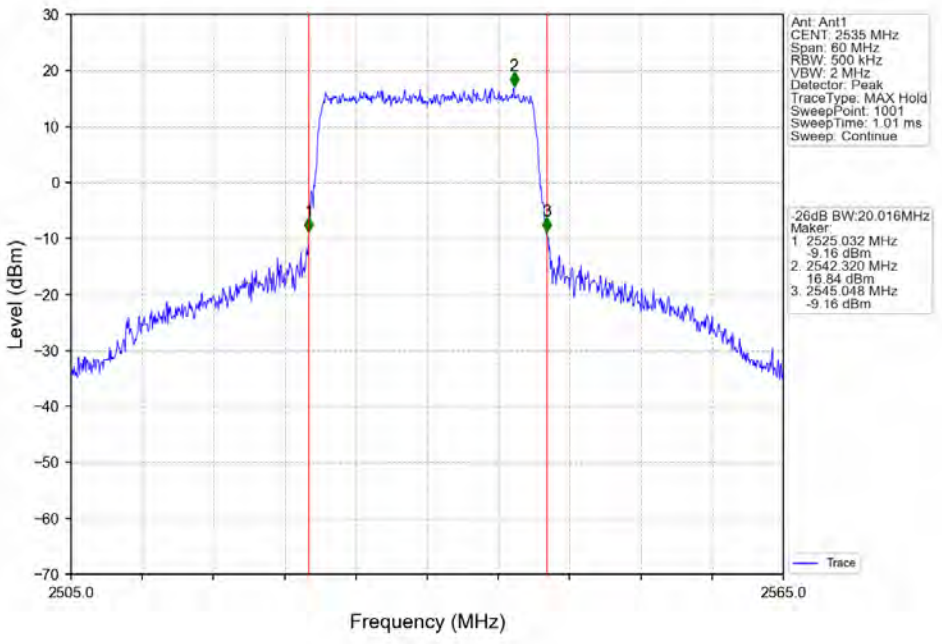
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



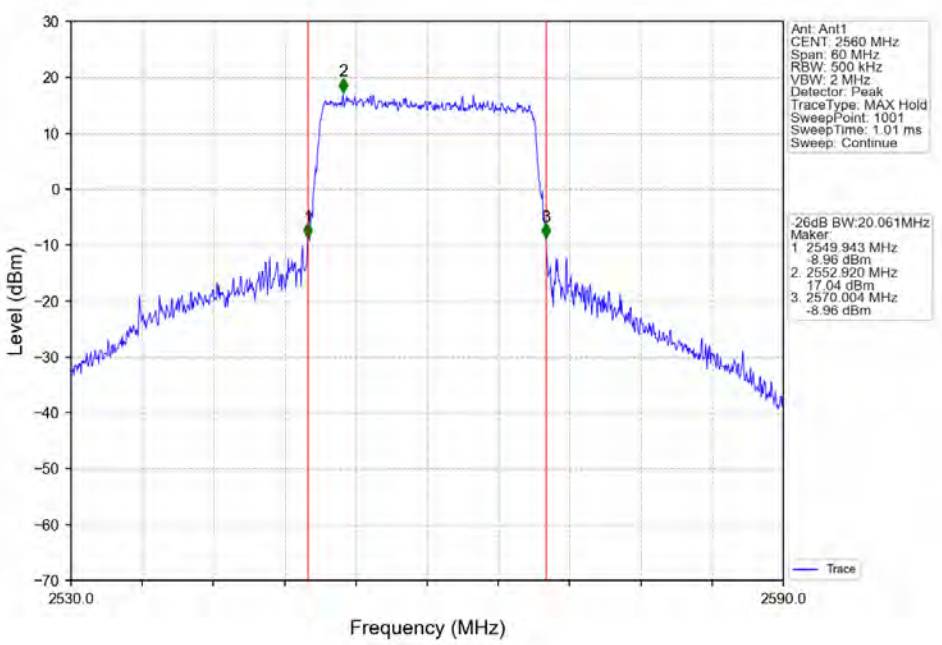
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



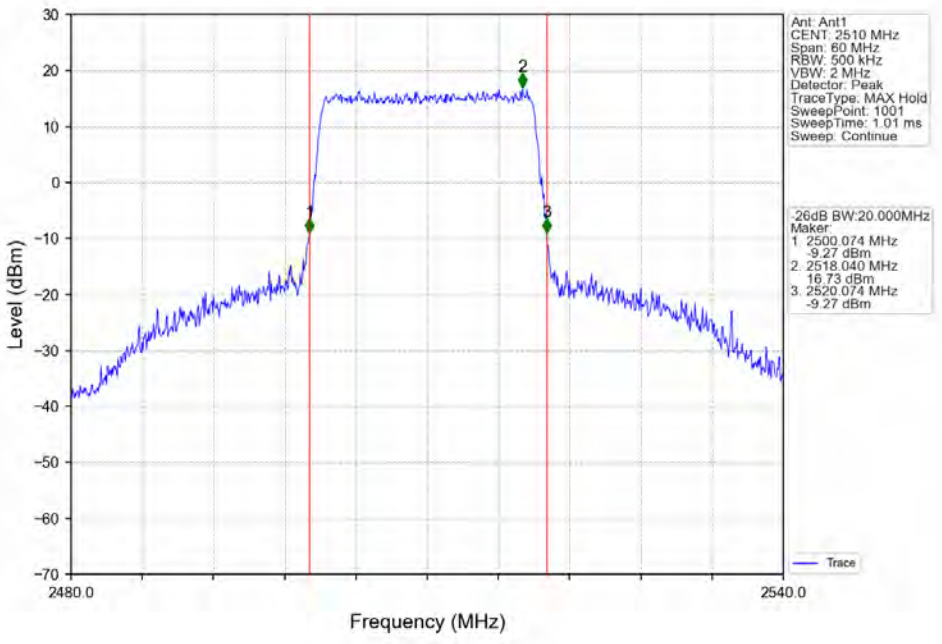
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



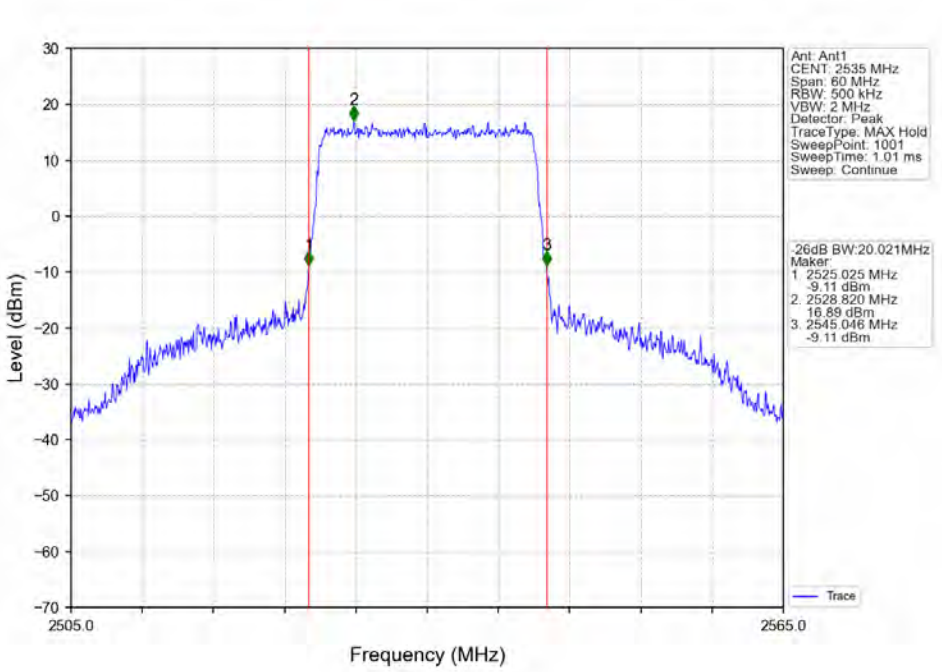
Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



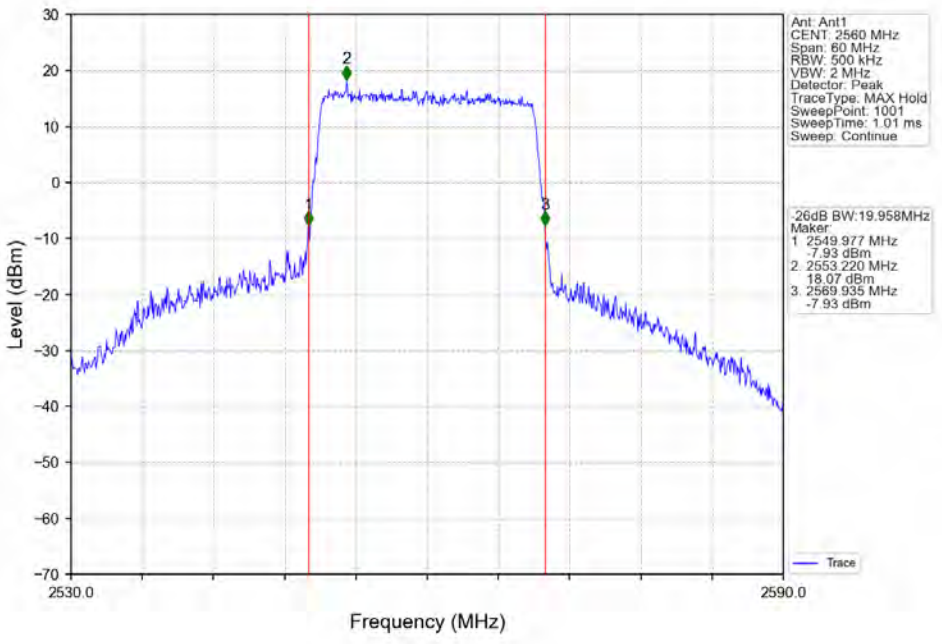
Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



4. Peak-Average Ratio

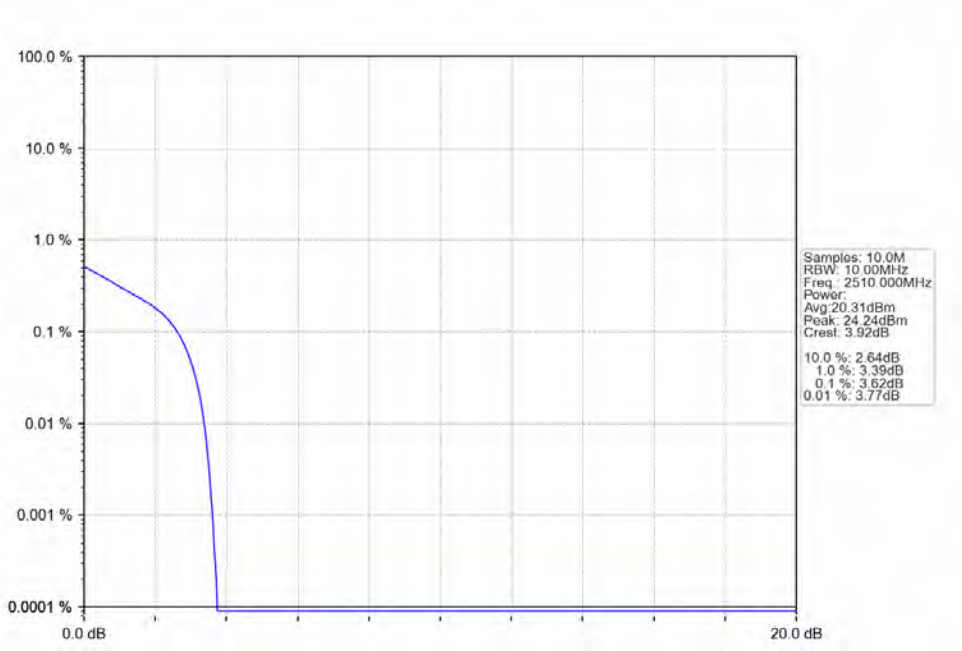
4.1 B7_20MHz

4.1.1 Test Result

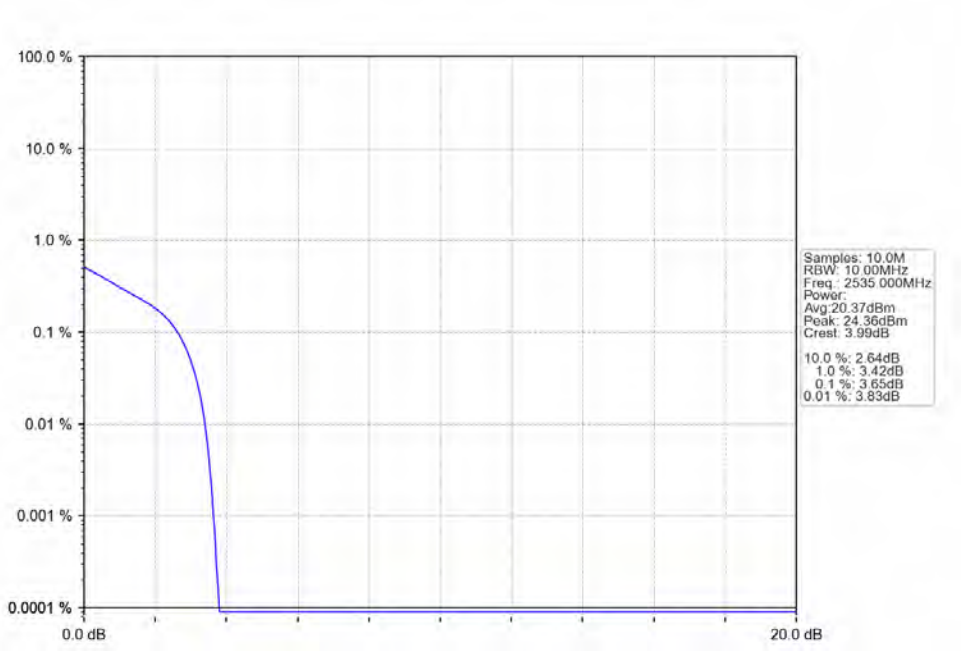
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	3.62	<=13	Pass
	2535	100	0	3.65	<=13	Pass
	2560	100	0	3.68	<=13	Pass
16QAM	2510	100	0	5.39	<=13	Pass
	2535	100	0	5.39	<=13	Pass
	2560	100	0	5.39	<=13	Pass
64QAM	2510	100	0	5.36	<=13	Pass
	2535	100	0	5.39	<=13	Pass
	2560	100	0	5.39	<=13	Pass
256QAM	2510	100	0	6.00	<=13	Pass
	2535	100	0	6.00	<=13	Pass
	2560	100	0	5.94	<=13	Pass

4.1.2 Test Graph

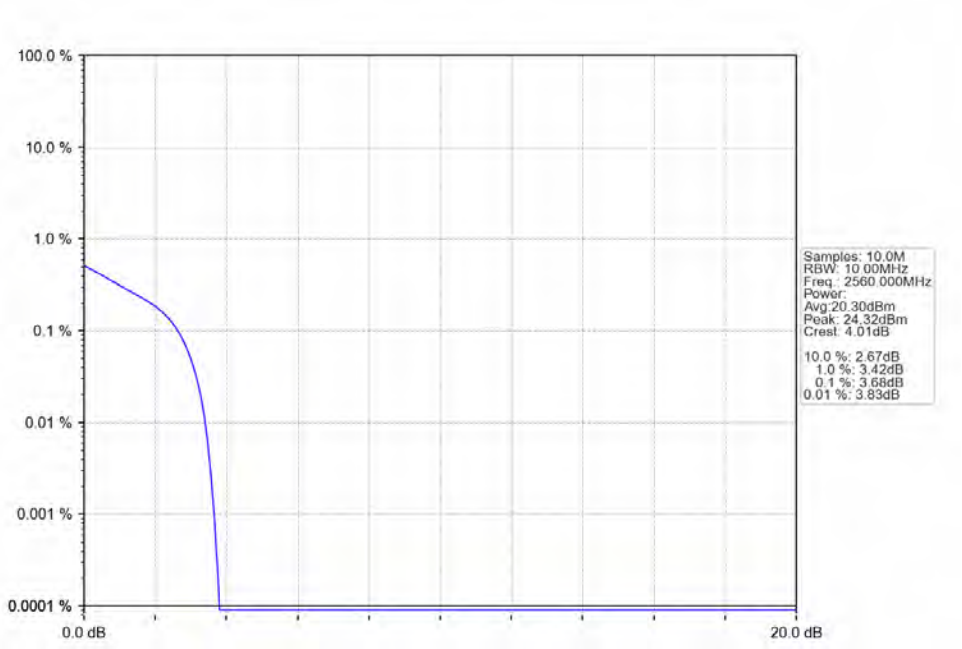
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



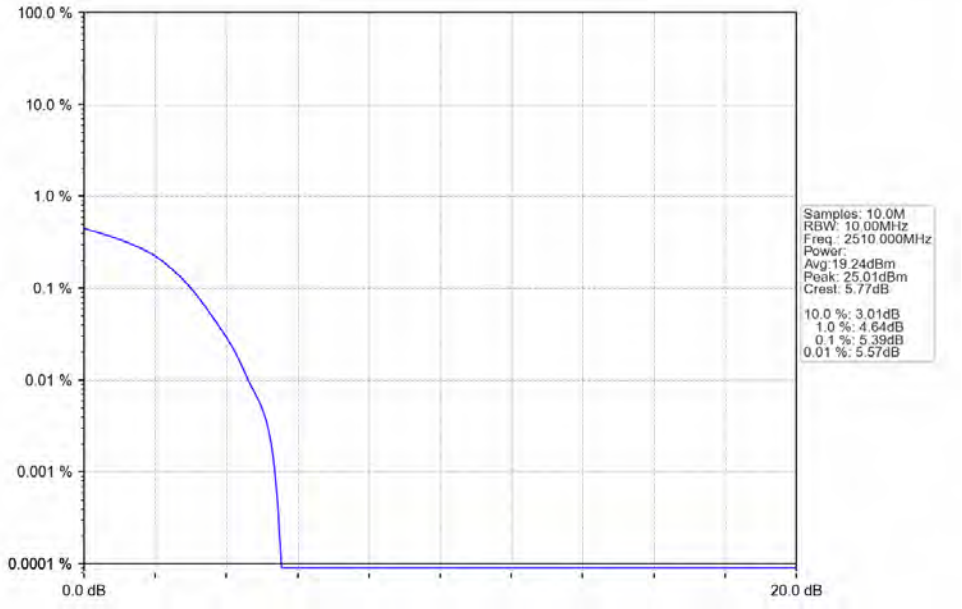
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



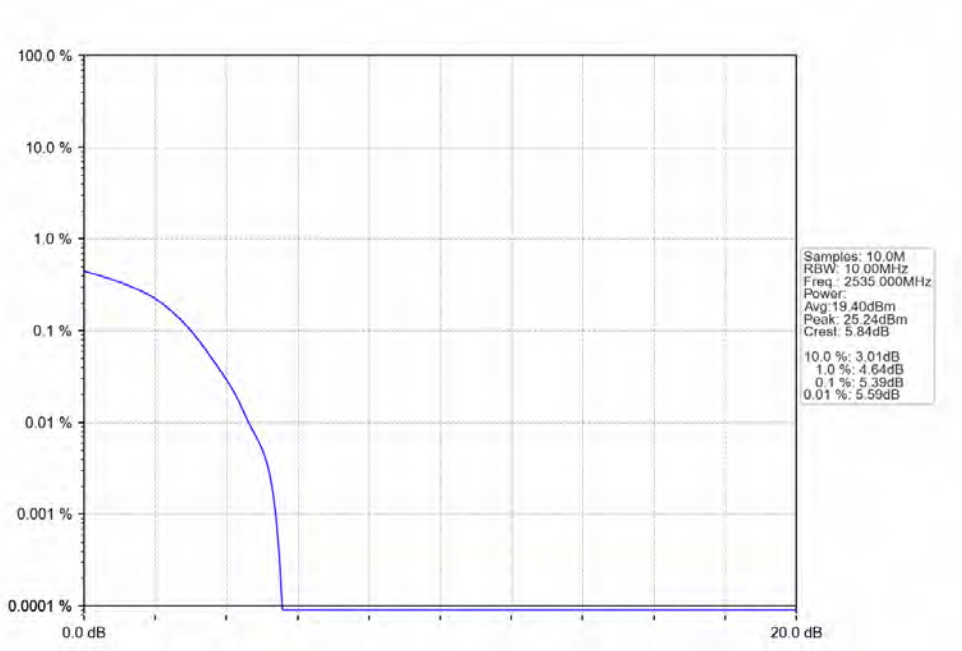
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



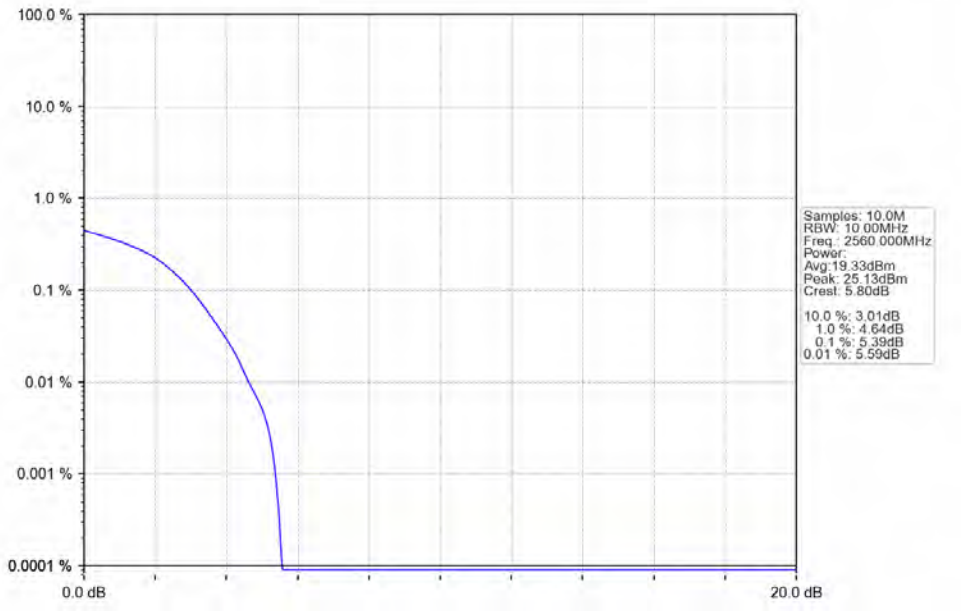
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



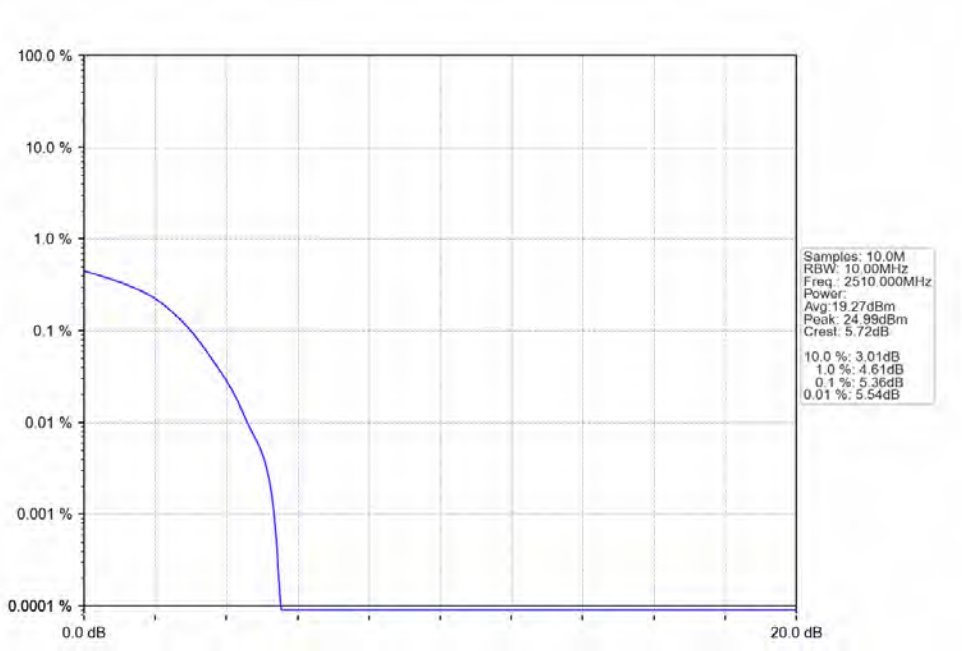
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



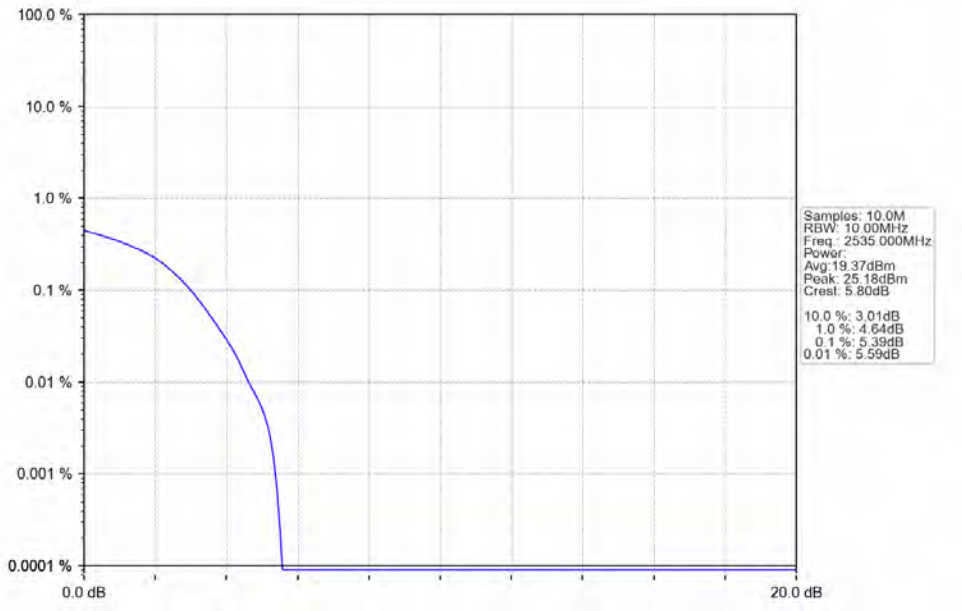
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



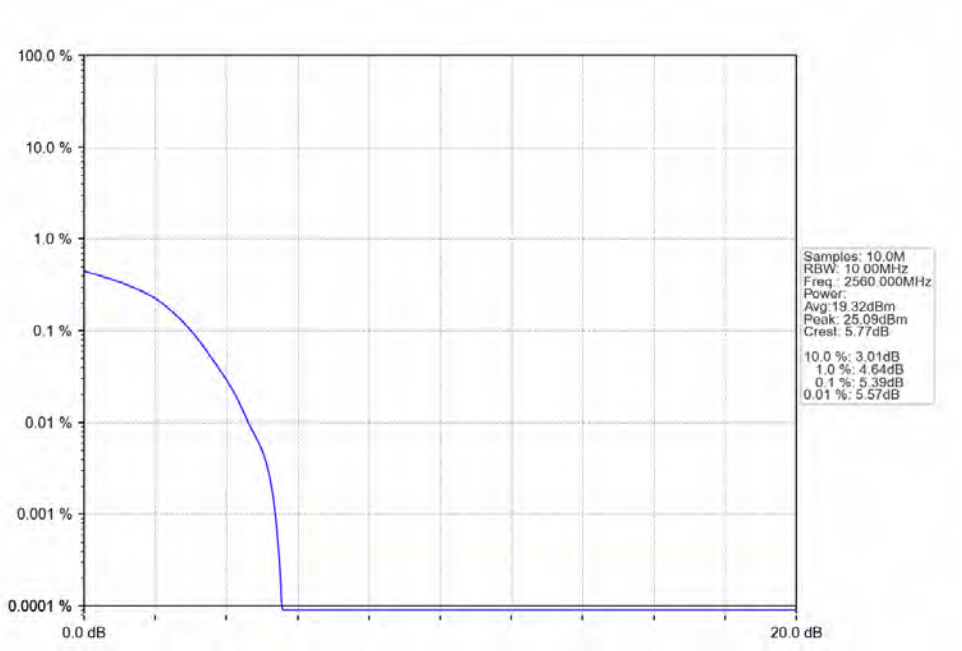
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



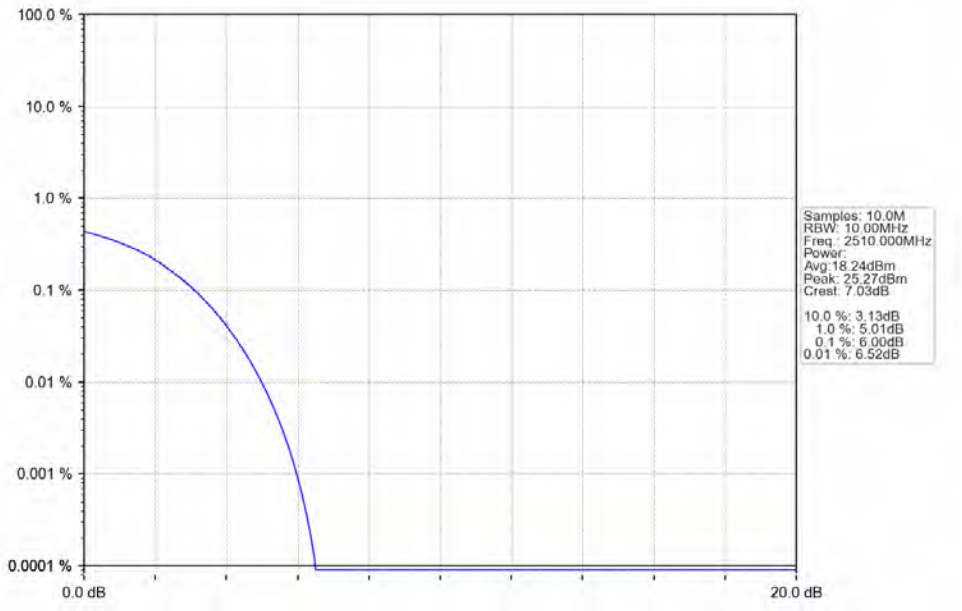
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



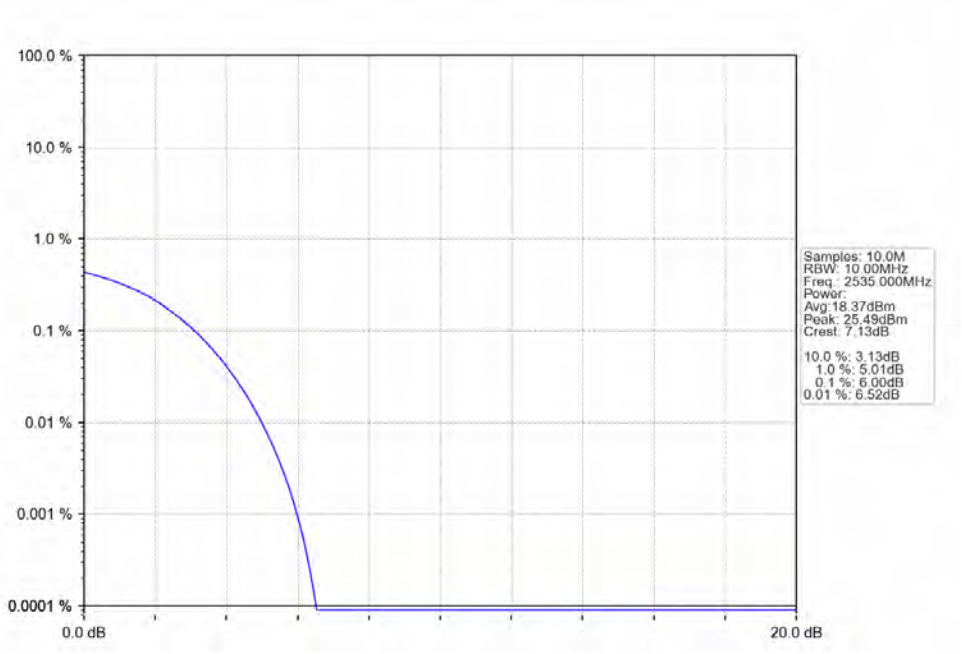
Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



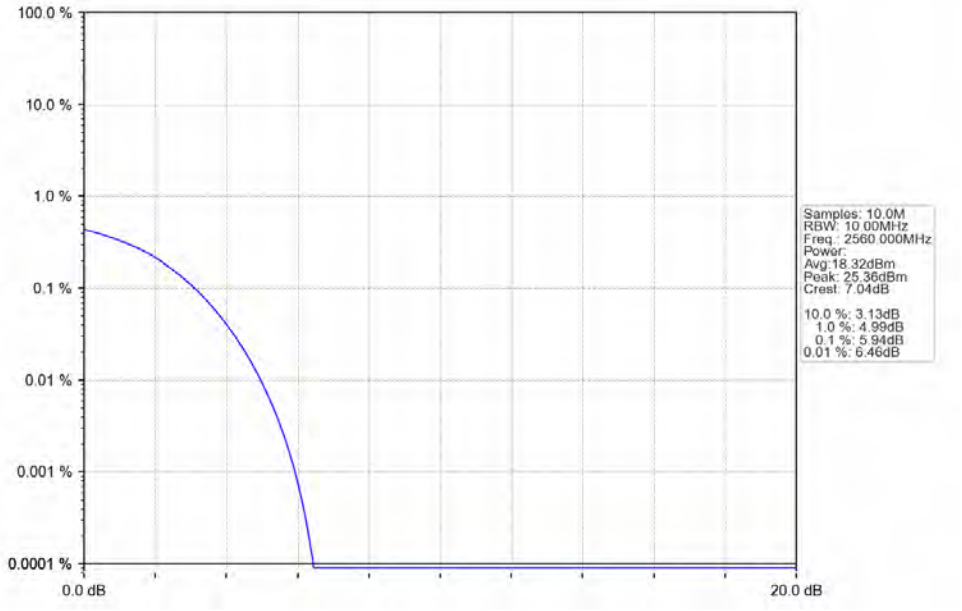
Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

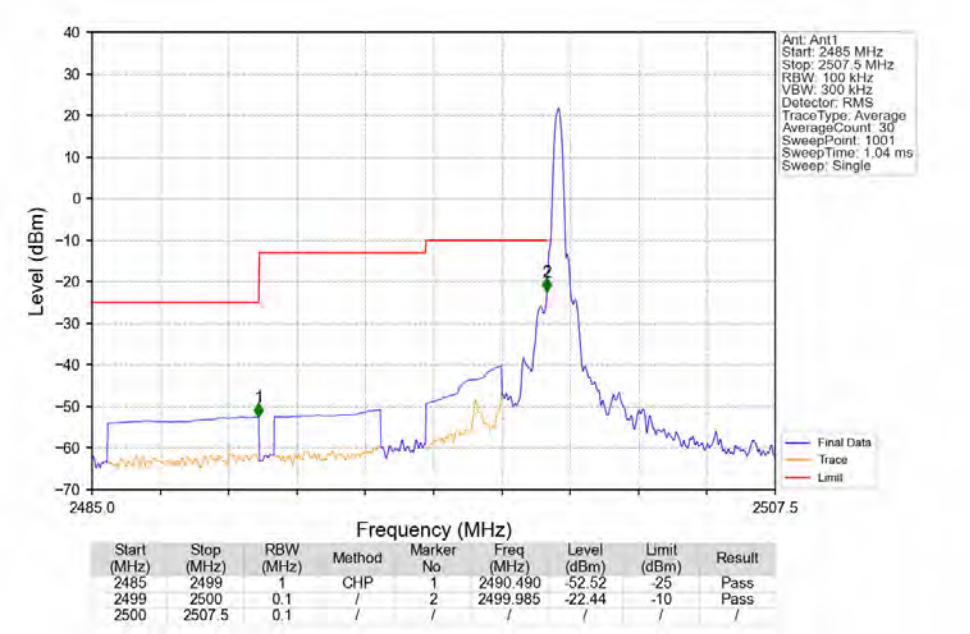
5.1 B7_5MHz

5.1.1 Test Result

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

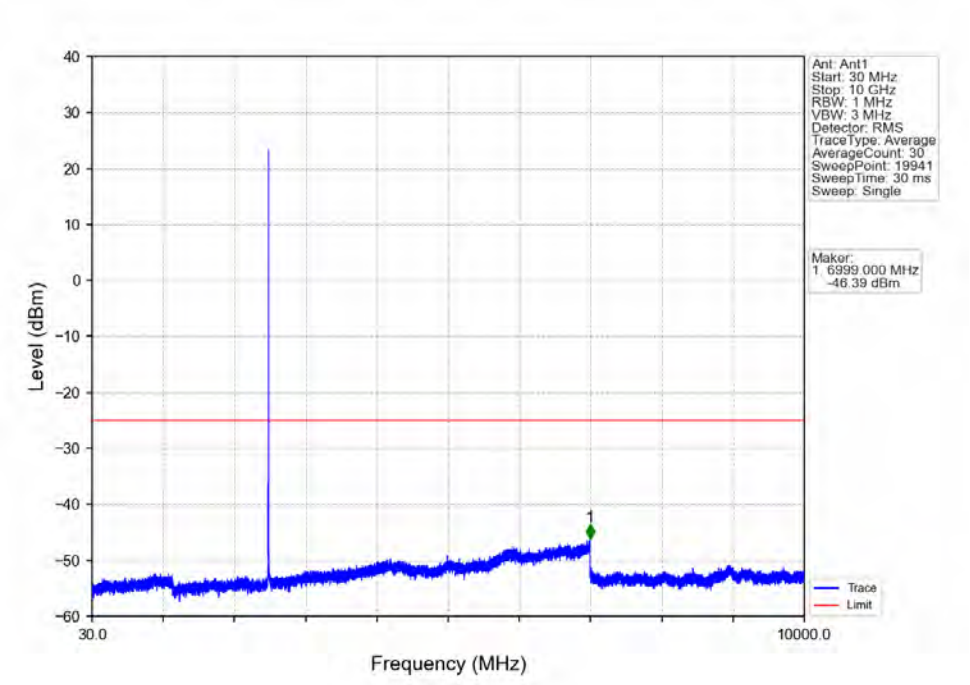
5.1.2 Test Graph

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

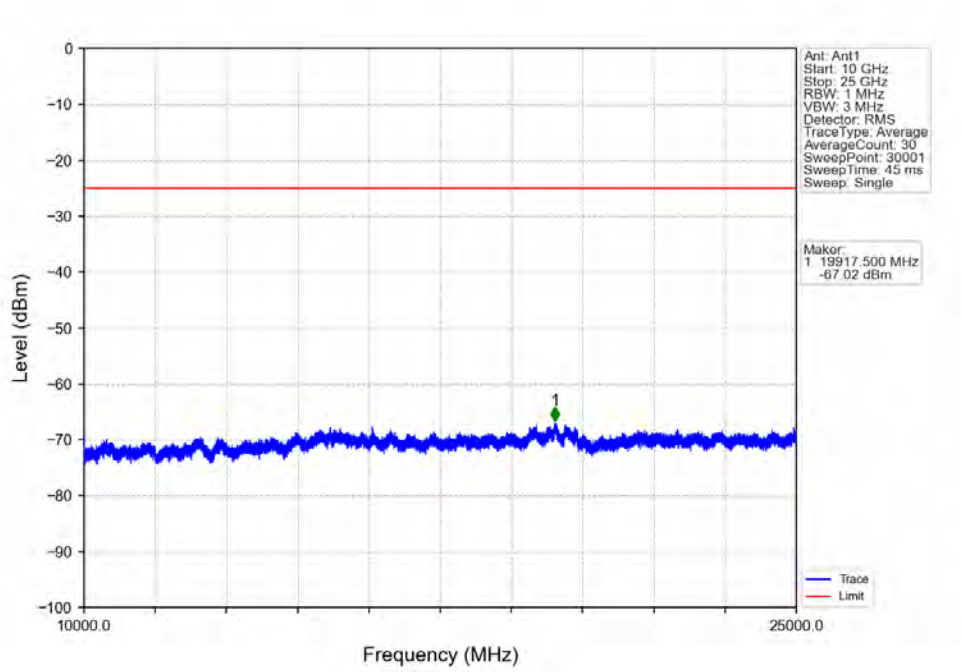


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2490.490	-52.52	-25	Pass
2499	2500	0.1	/	2	2499.985	-22.44	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

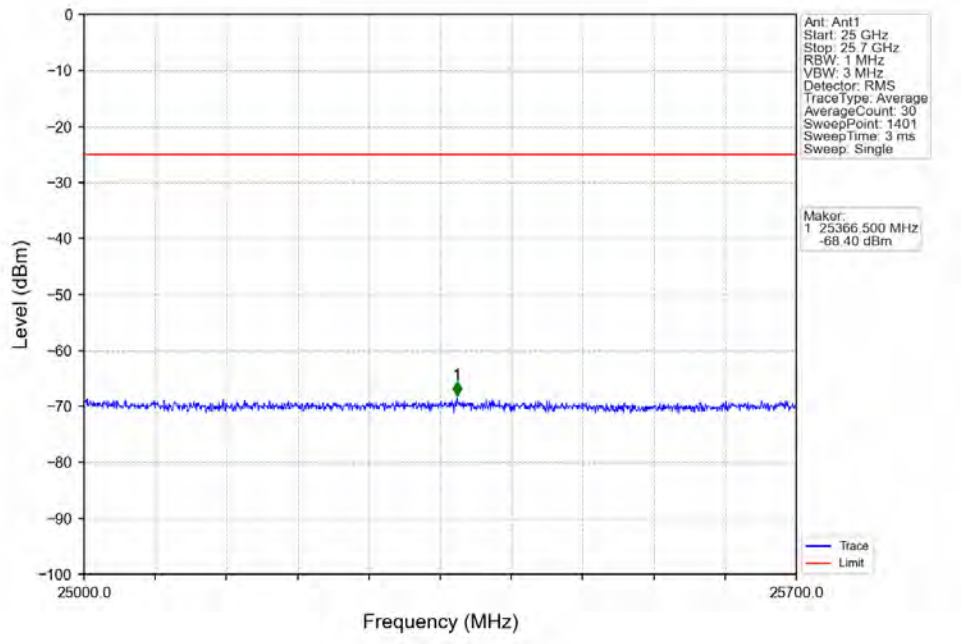
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



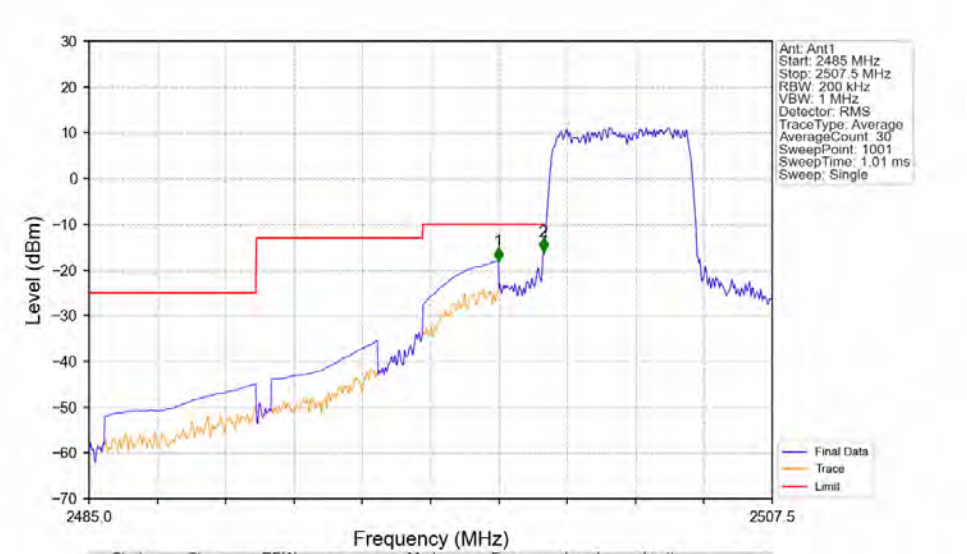
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

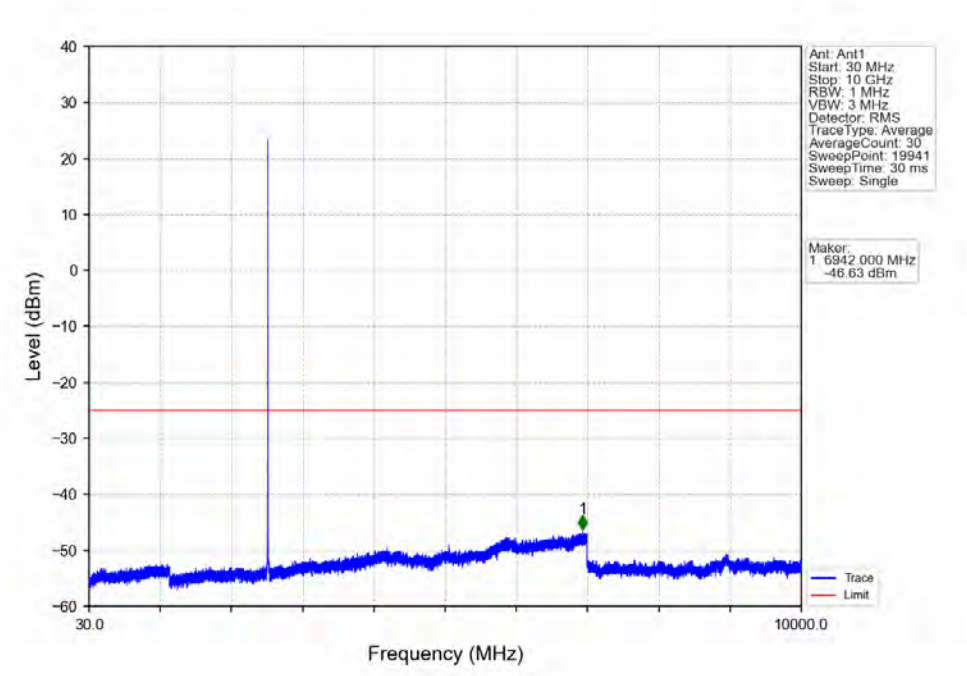


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

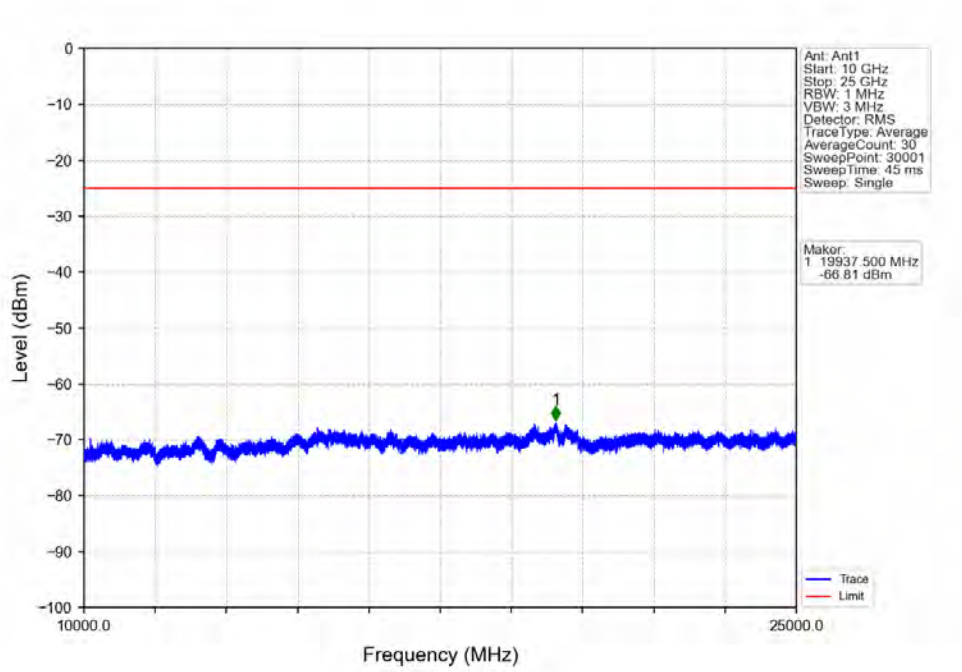


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.477	-18.06	-10	Pass
2499	2500	0.2	/	2	2499.963	-16.11	-10	Pass
2500	2507.5	0.2	/	/	/	/	/	/

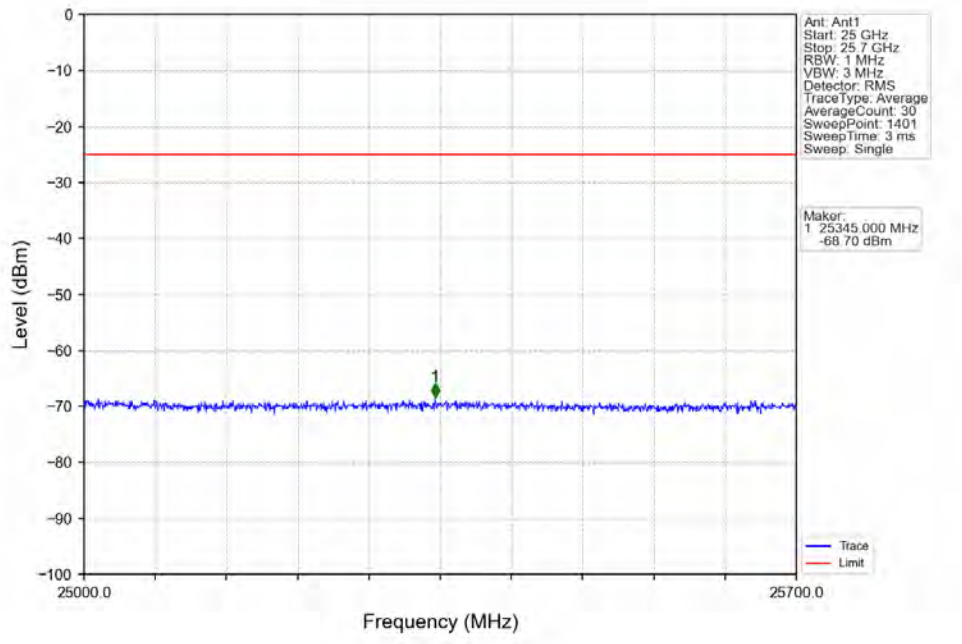
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



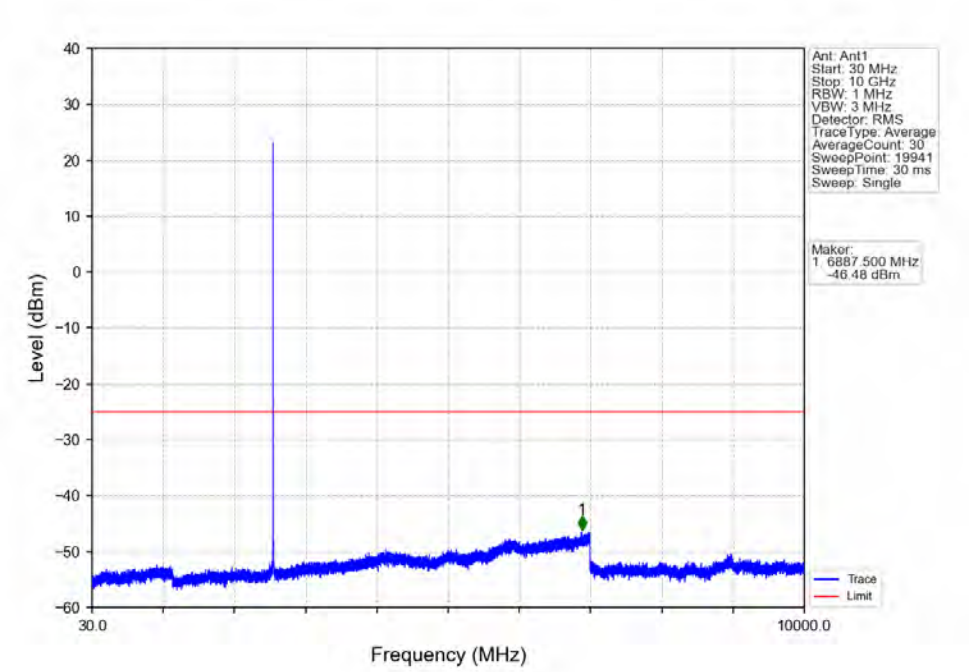
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



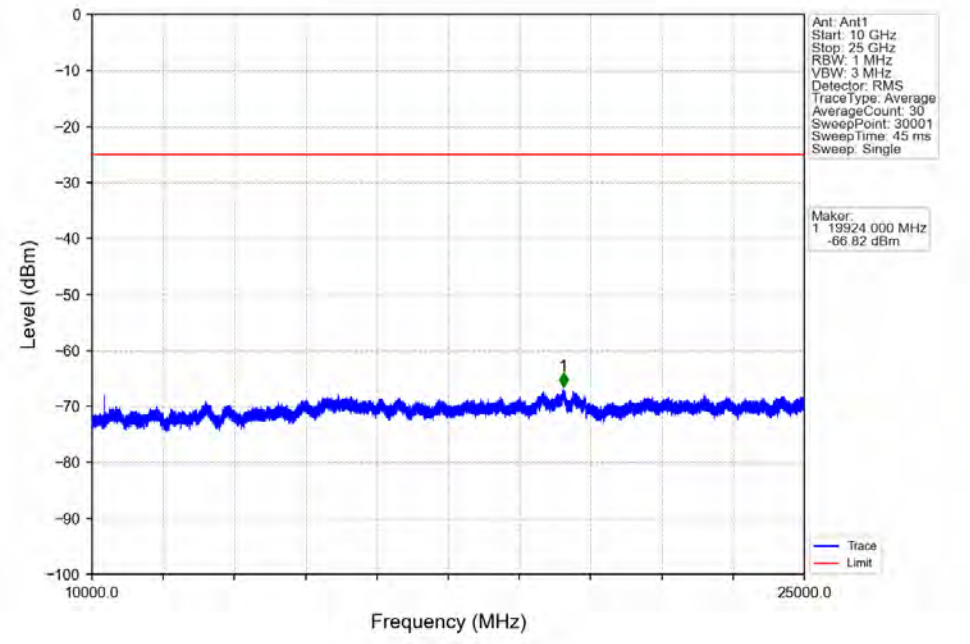
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



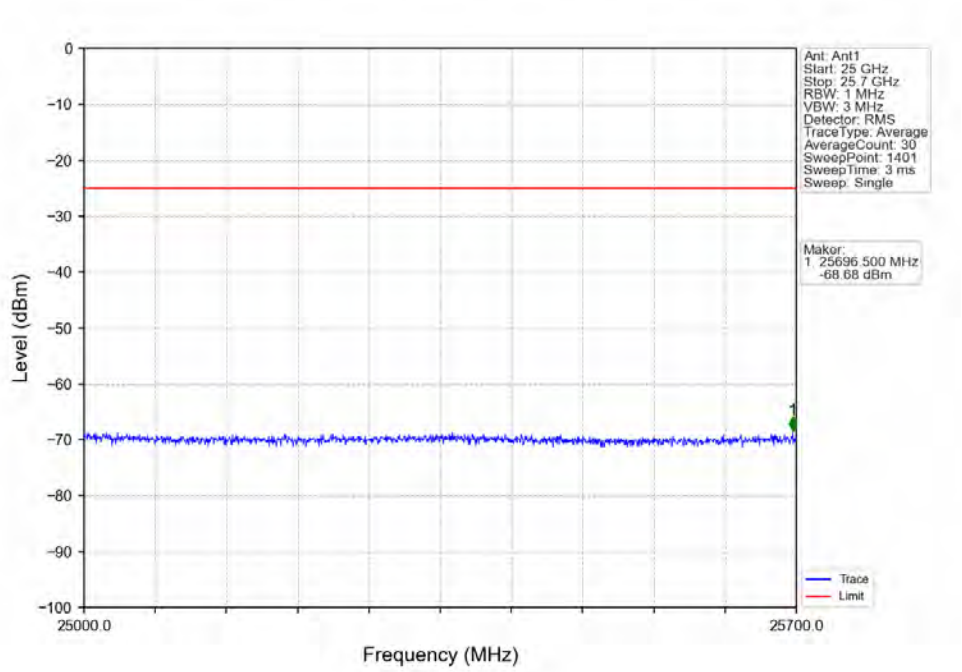
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



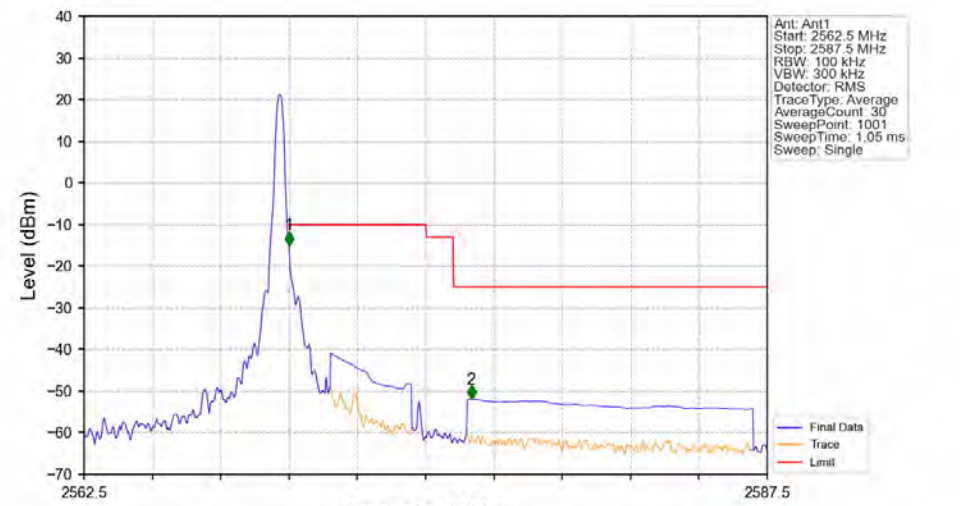
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

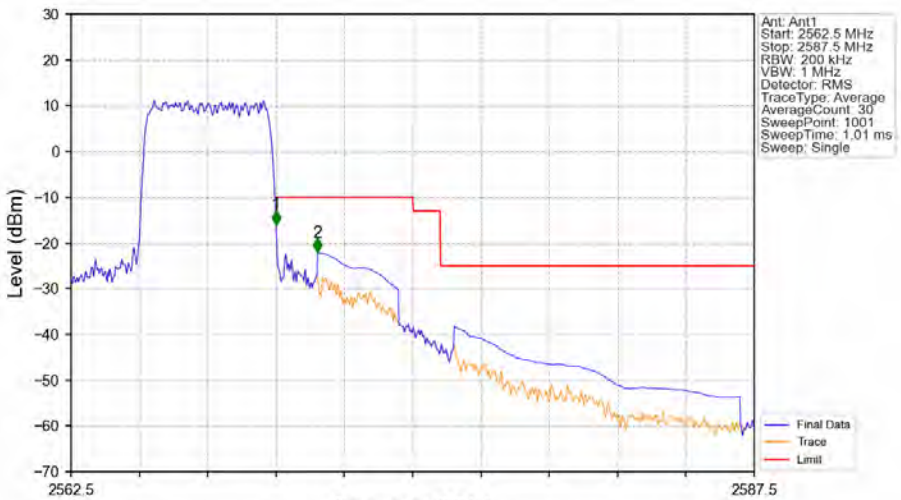


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.000	-15.01	-10	Pass
2571	2587.5	1	CHP	2	2576.675	-51.95	-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
2562.5	2570	0.2	/	/	/	/	/	/
2570	2571	0.2	/	1	2570.000	-15.96	-10	Pass
2571	2587.5	1	CHP	2	2571.525	-22.01	-10	Pass

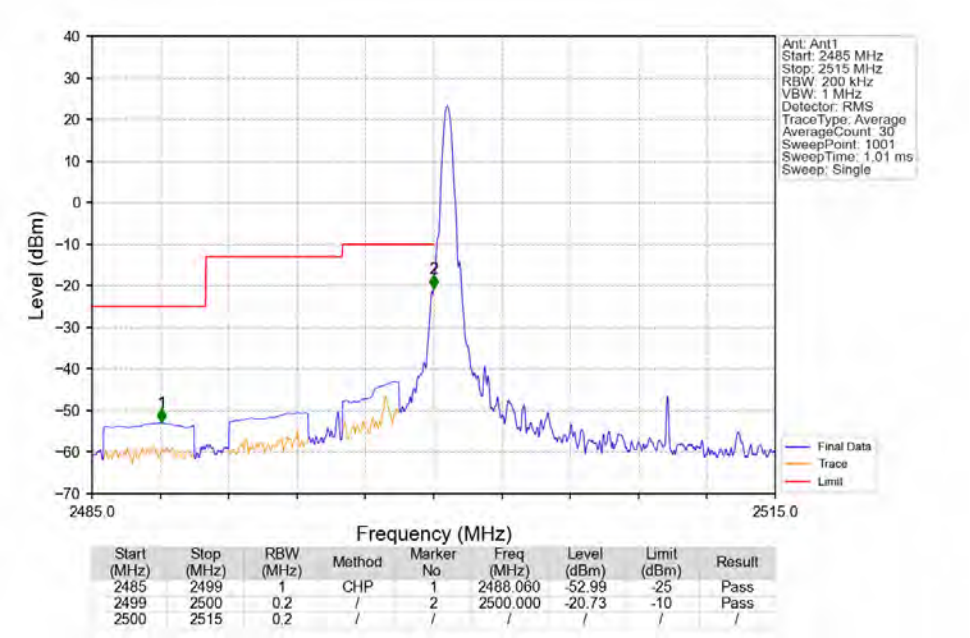
5.2 B7_10MHz

5.2.1 Test Result

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

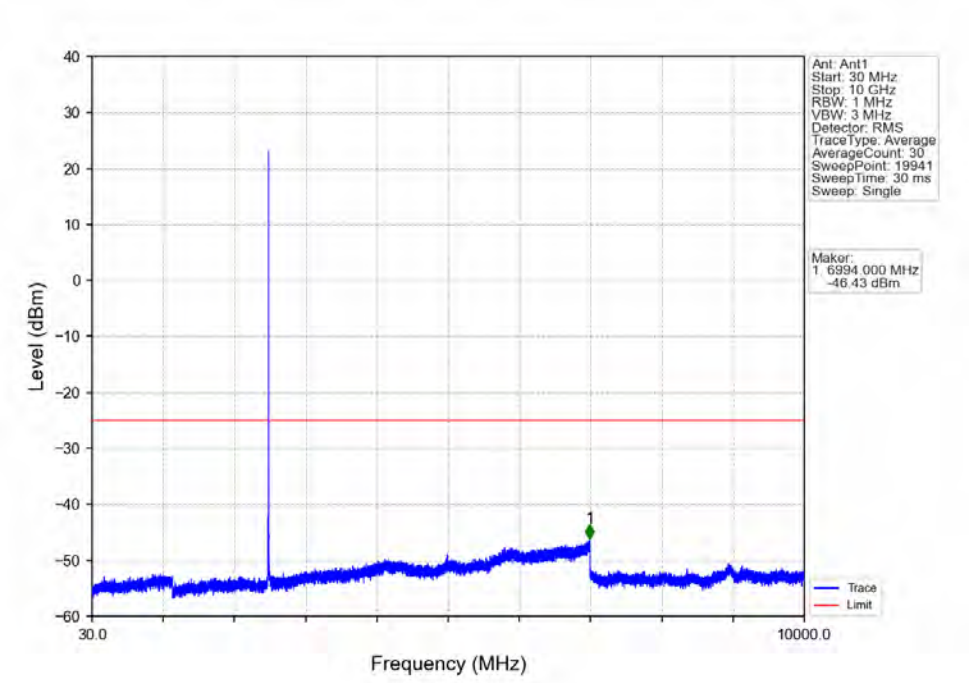
5.2.2 Test Graph

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

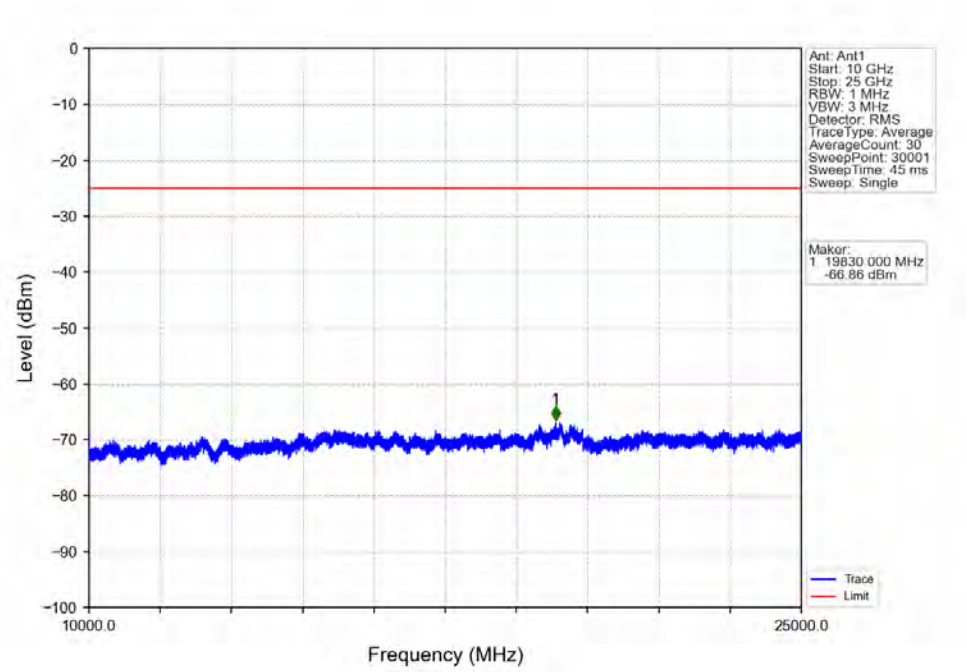


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2488.060	-52.99	-25	Pass
2499	2500	0.2	/	2	2500.000	-20.73	-10	Pass
2500	2515	0.2	/	/	/	/	/	/

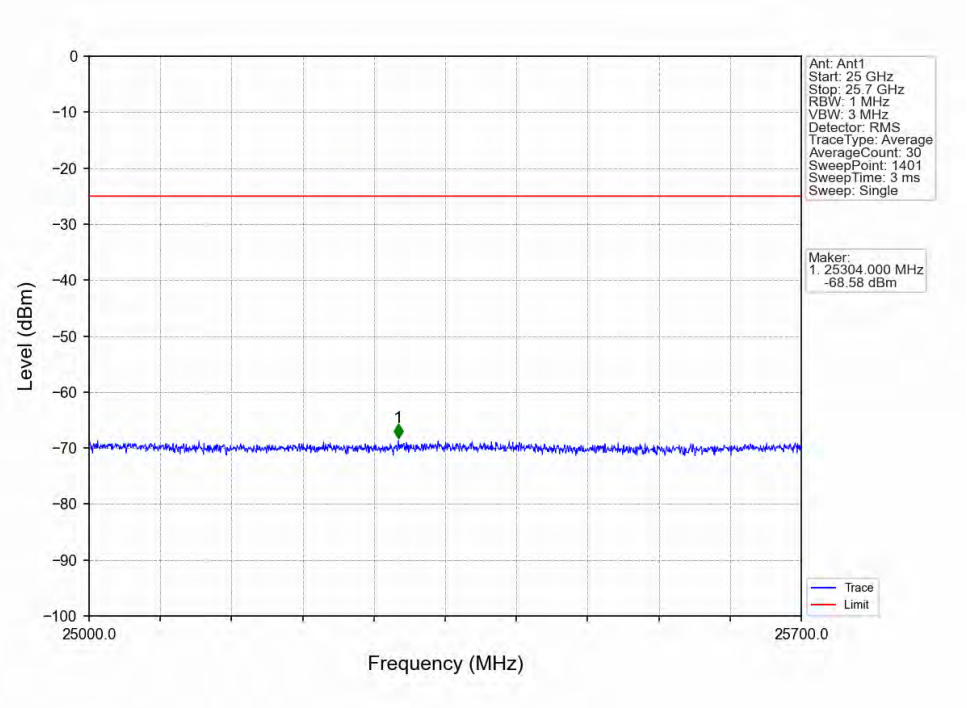
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



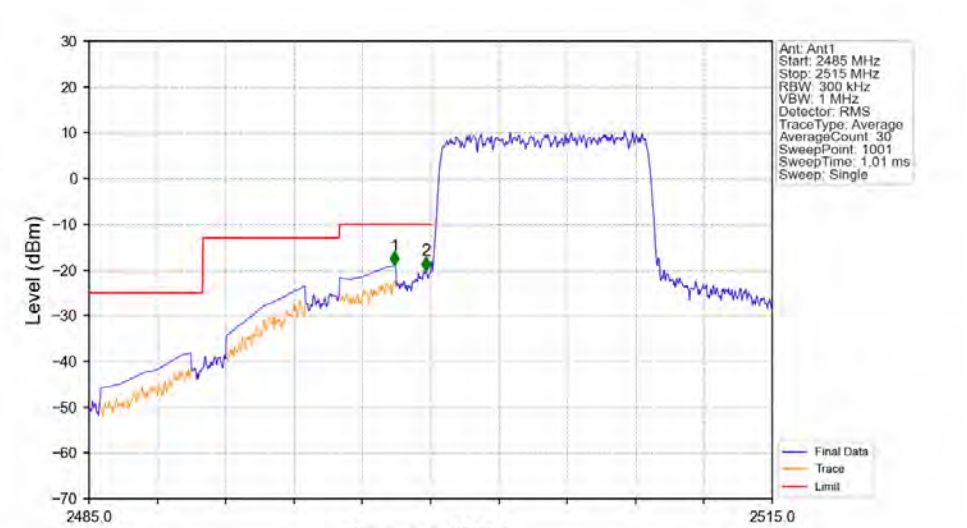
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

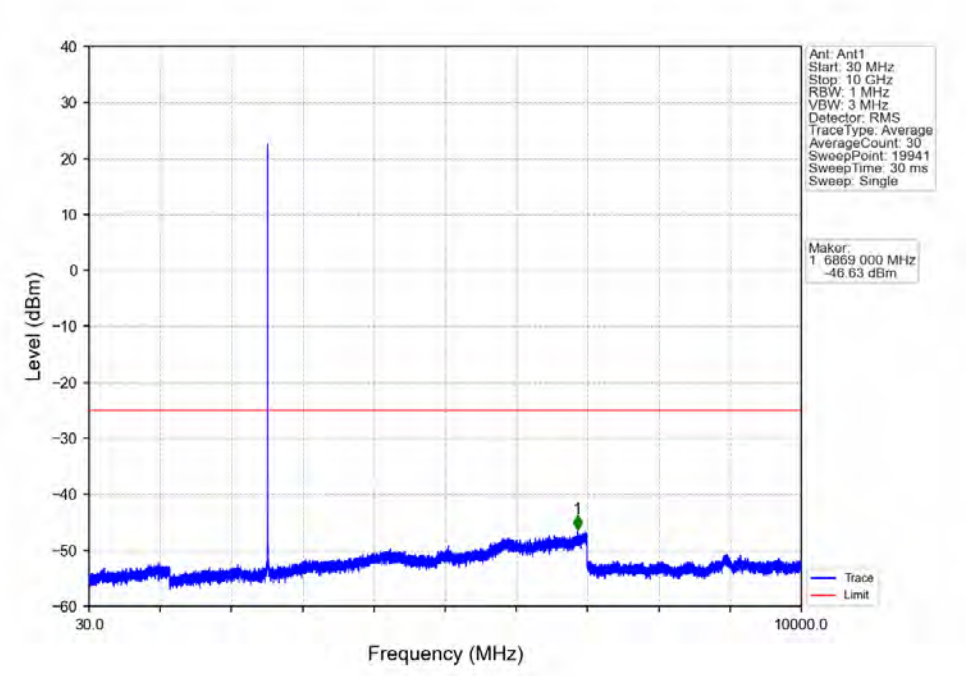


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

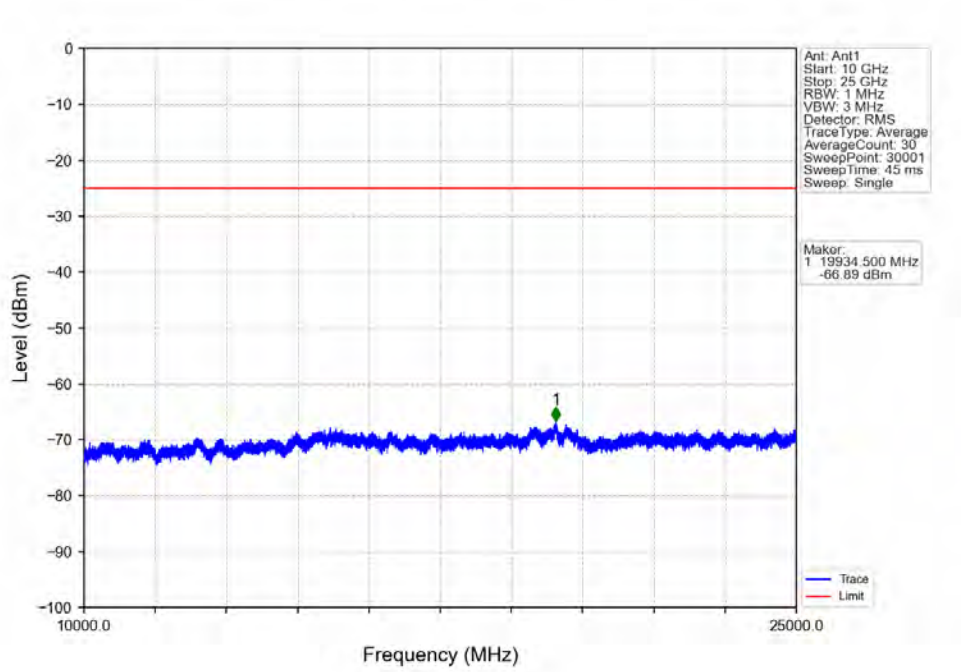


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.410	-19.08	-10	Pass
2499	2500	0.3	/	2	2499.790	-20.17	-10	Pass
2500	2515	0.3	/	/	/	/	/	/

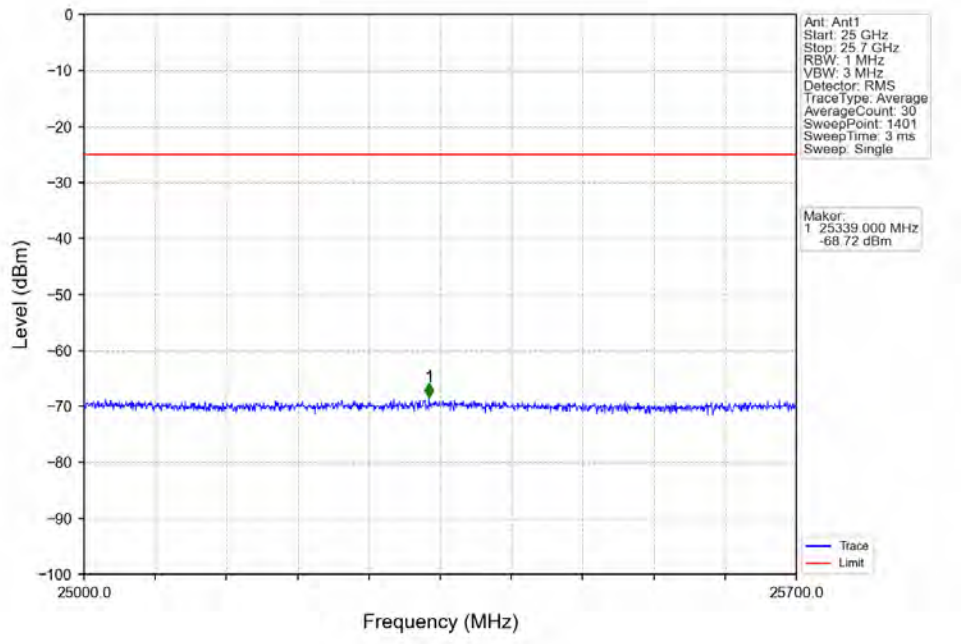
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



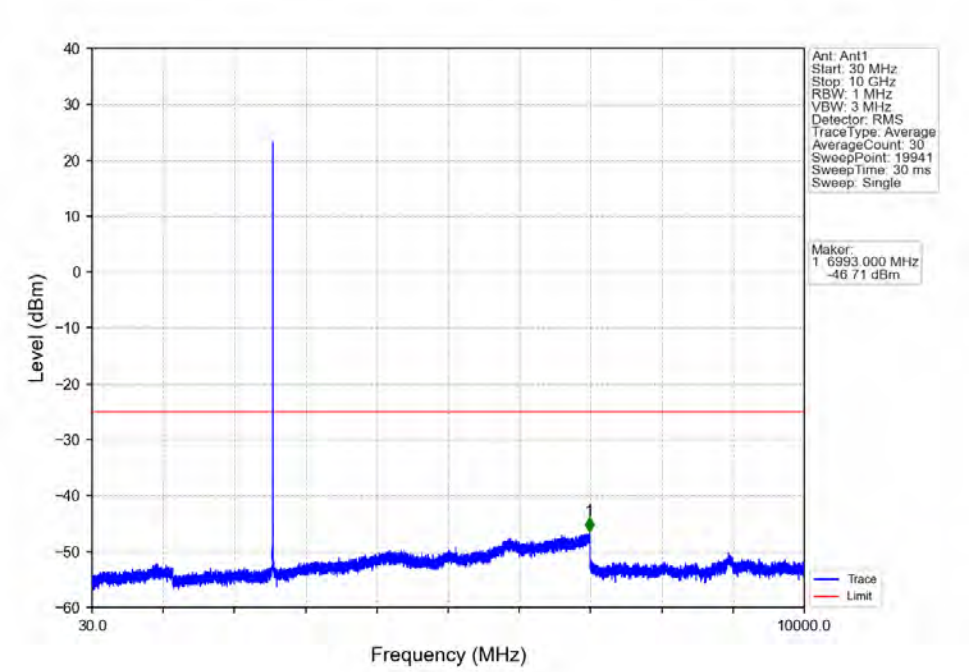
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



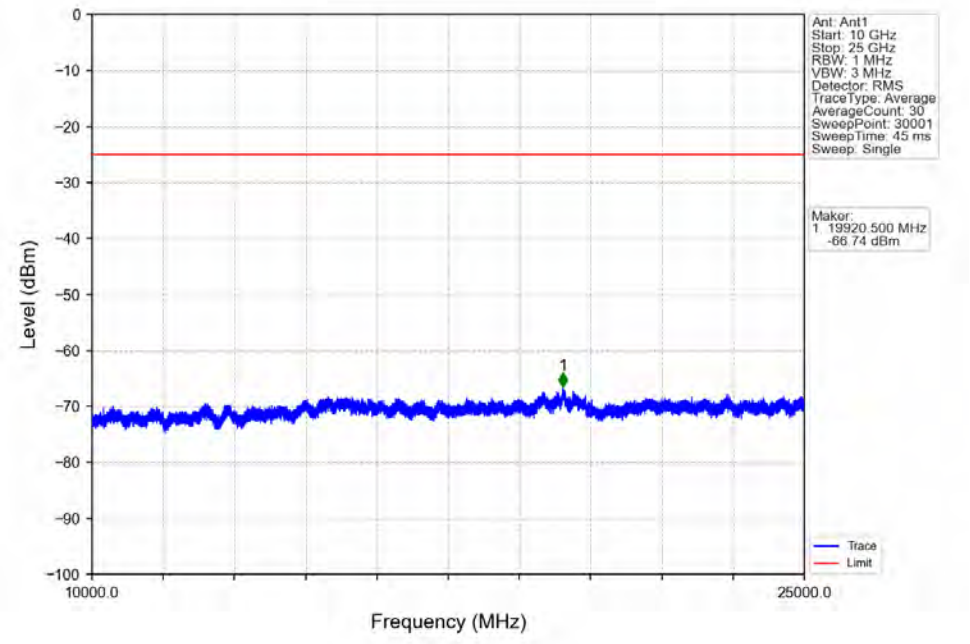
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



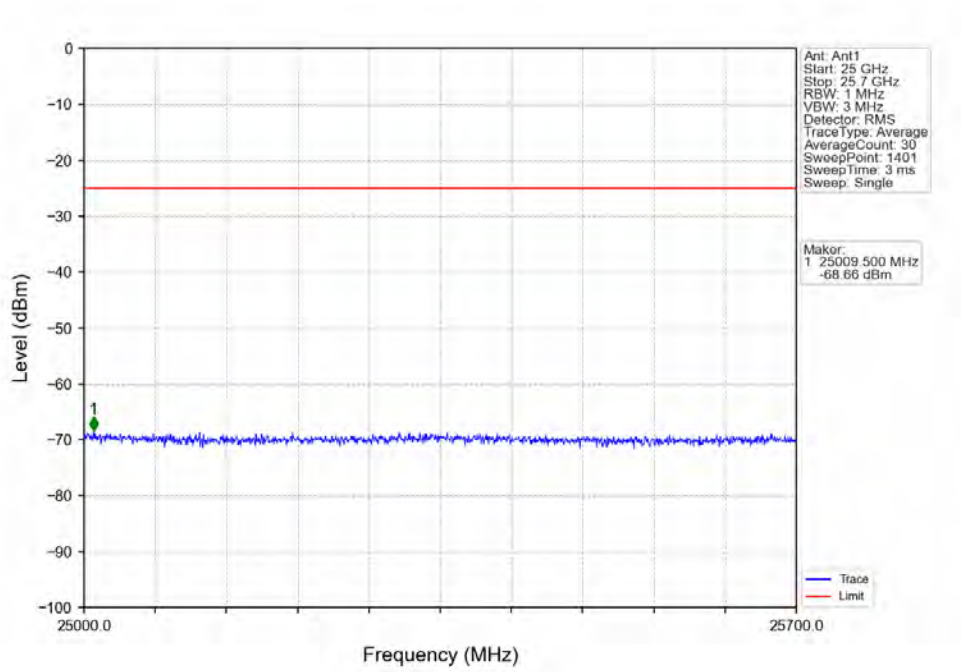
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



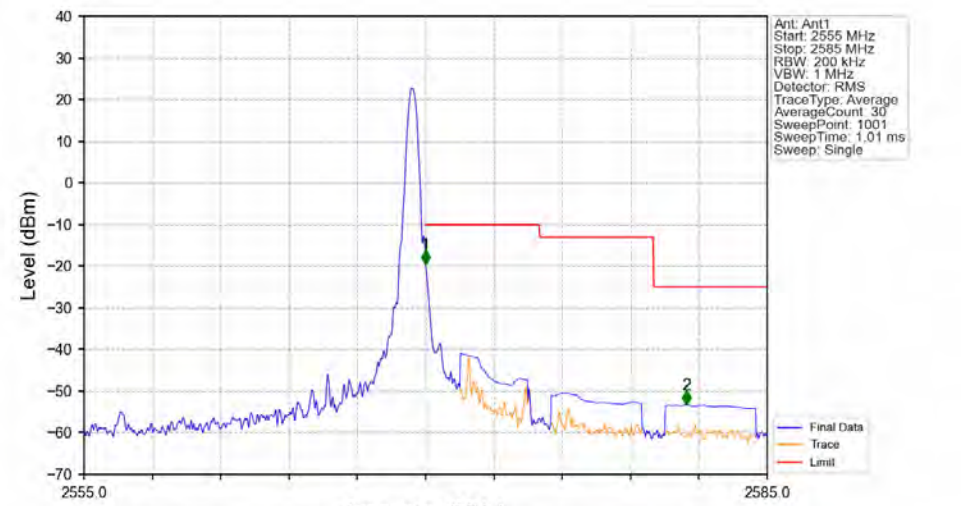
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

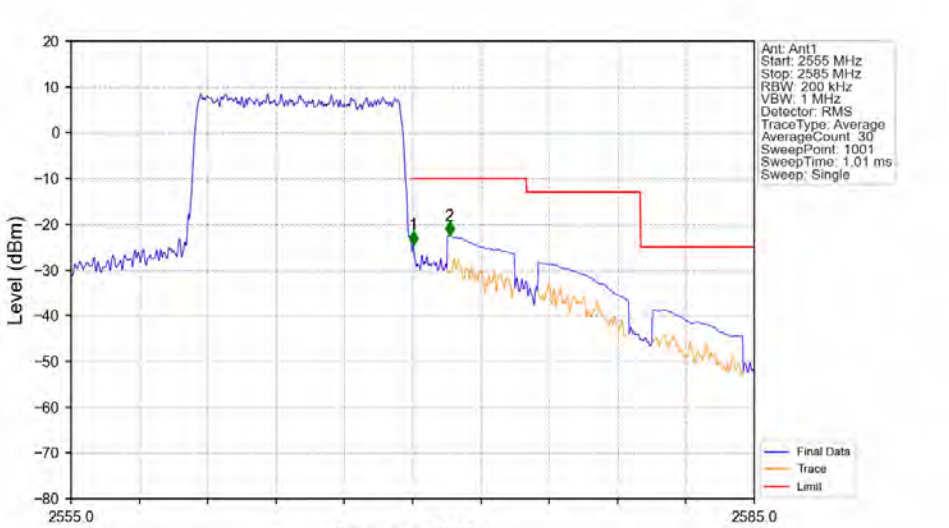


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	/	/	/	/	/
2570	2571	0.2	/	1	2570.000	-19.64	-10	Pass
2571	2585	1	CHP	2	2581.460	-53.29	-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
2555	2570	0.2	/	/	/	/	/	/
2570	2571	0.2	/	1	2570.030	-24.56	-10	Pass
2571	2585	1	CHP	2	2571.620	-22.55	-10	Pass

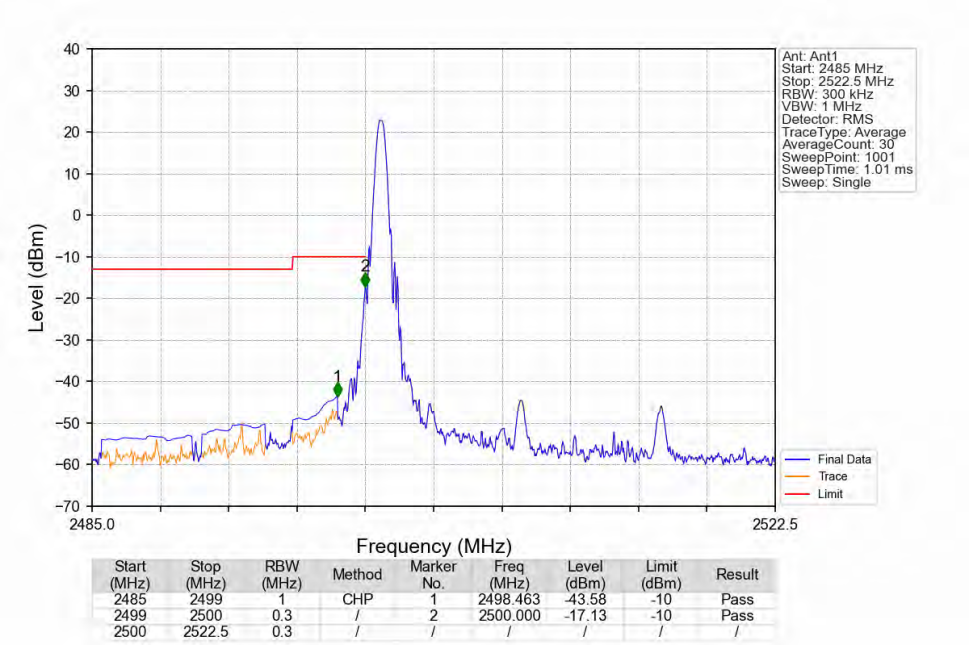
5.3 B7_15MHz

5.3.1 Test Result

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

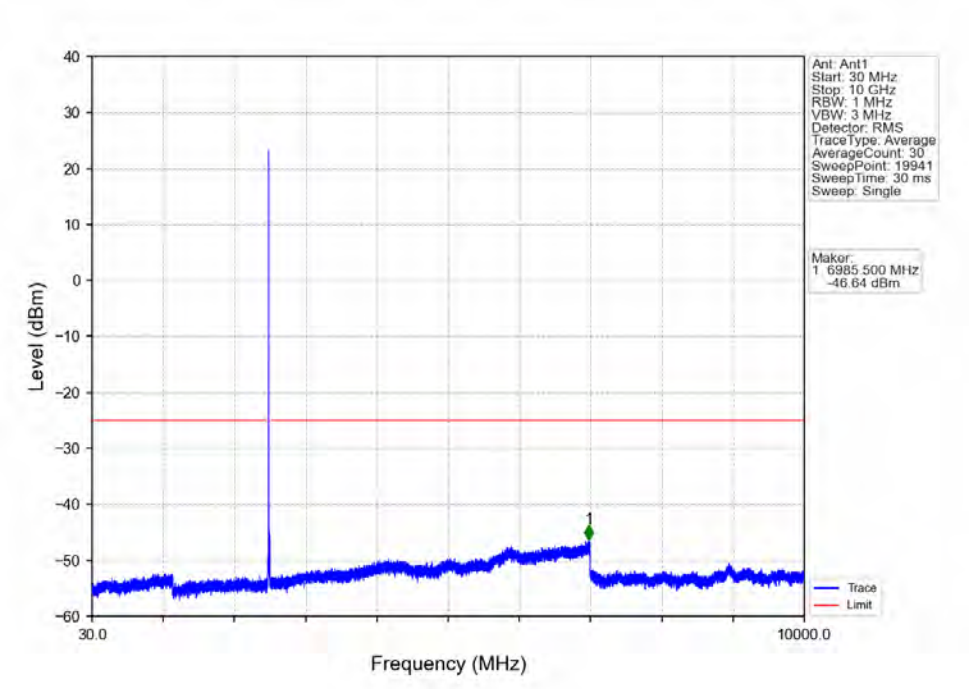
5.3.2 Test Graph

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

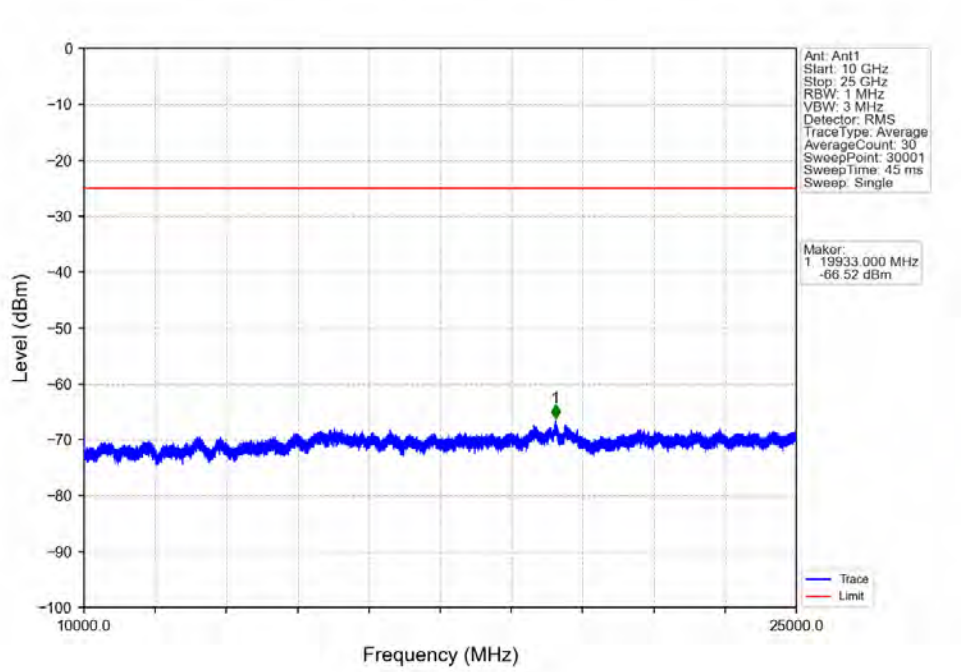


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.463	-43.58	-10	Pass
2499	2500	0.3	/	2	2500.000	-17.13	-10	Pass
2500	2522.5	0.3	/	/	/	/	/	/

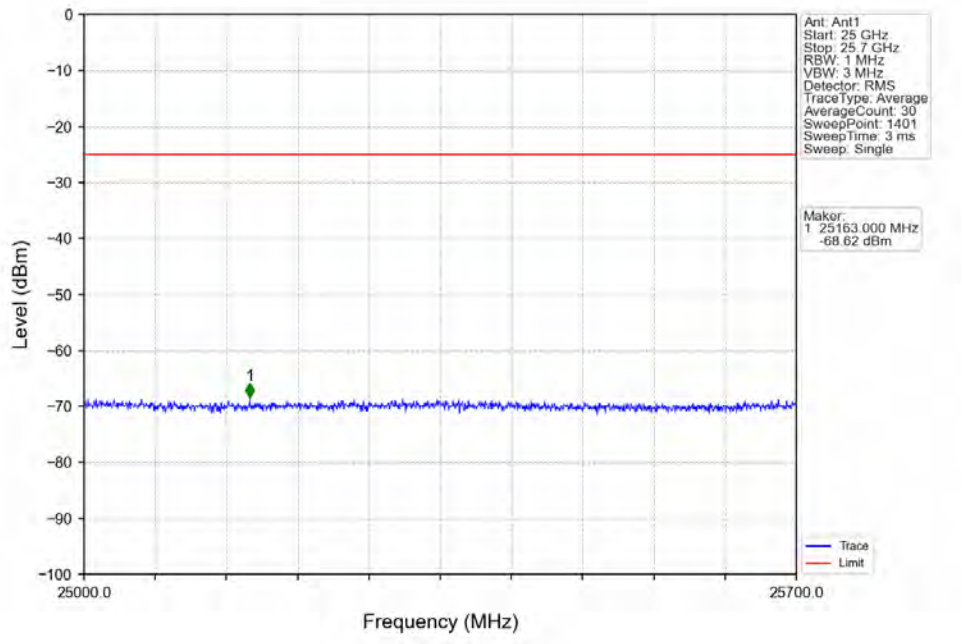
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



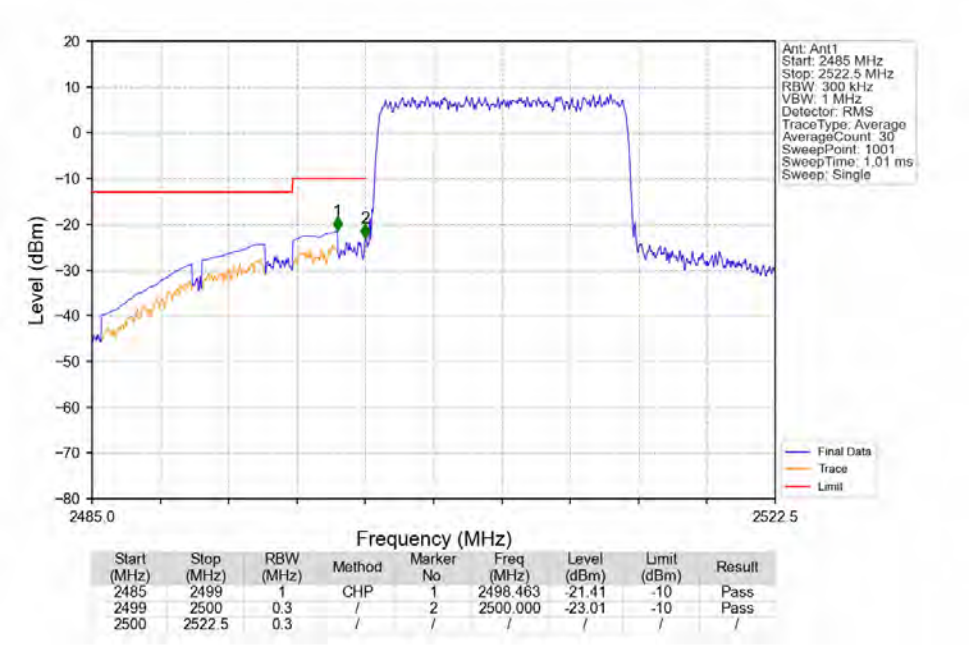
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

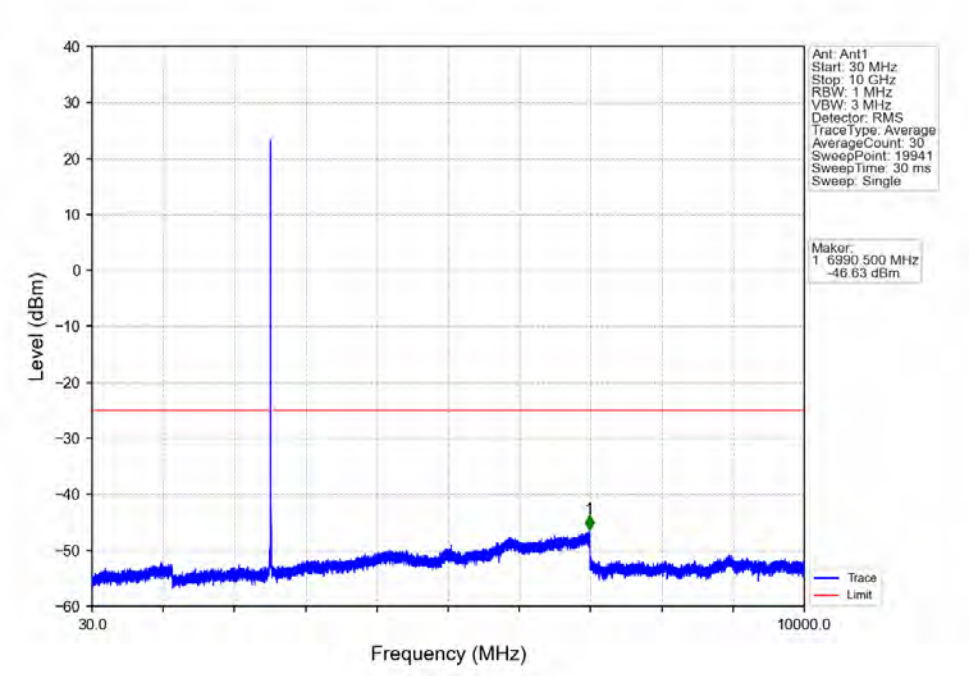


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

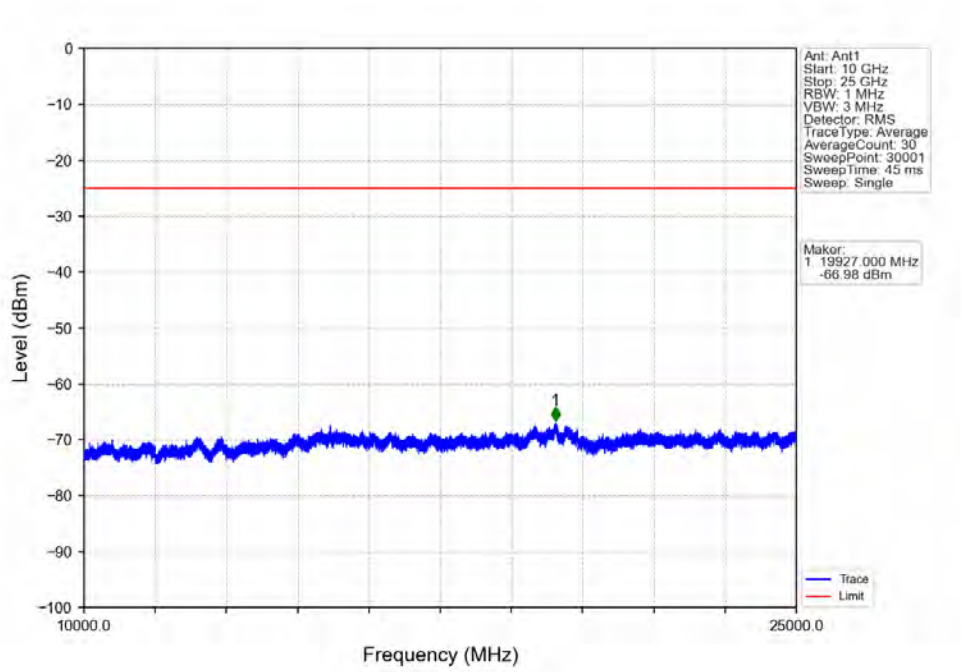


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.463	-21.41	-10	Pass
2499	2500	0.3	/	2	2500.000	-23.01	-10	Pass
2500	2522.5	0.3	/	/	/	/	/	/

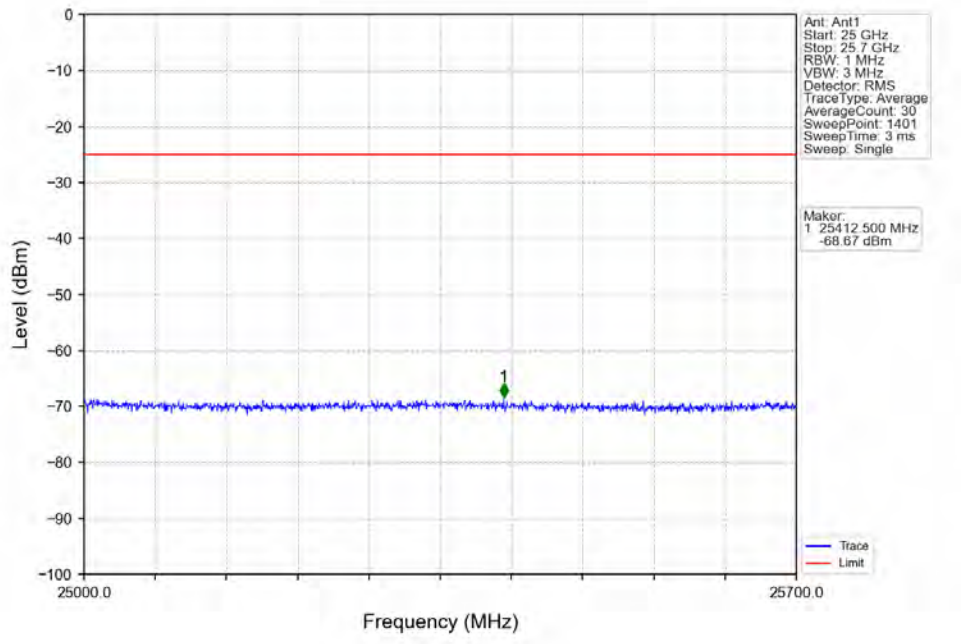
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



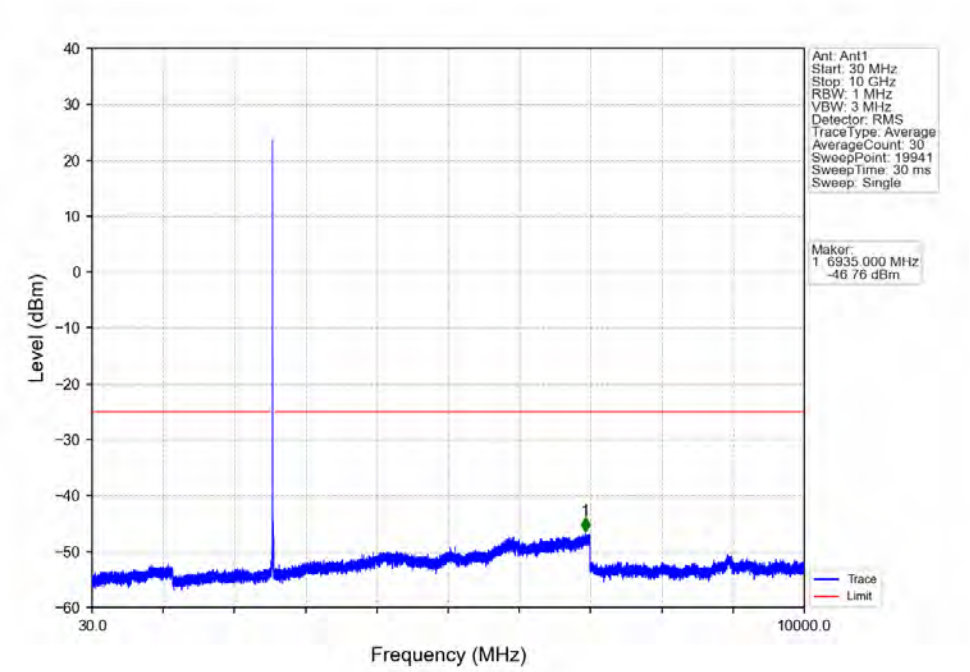
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



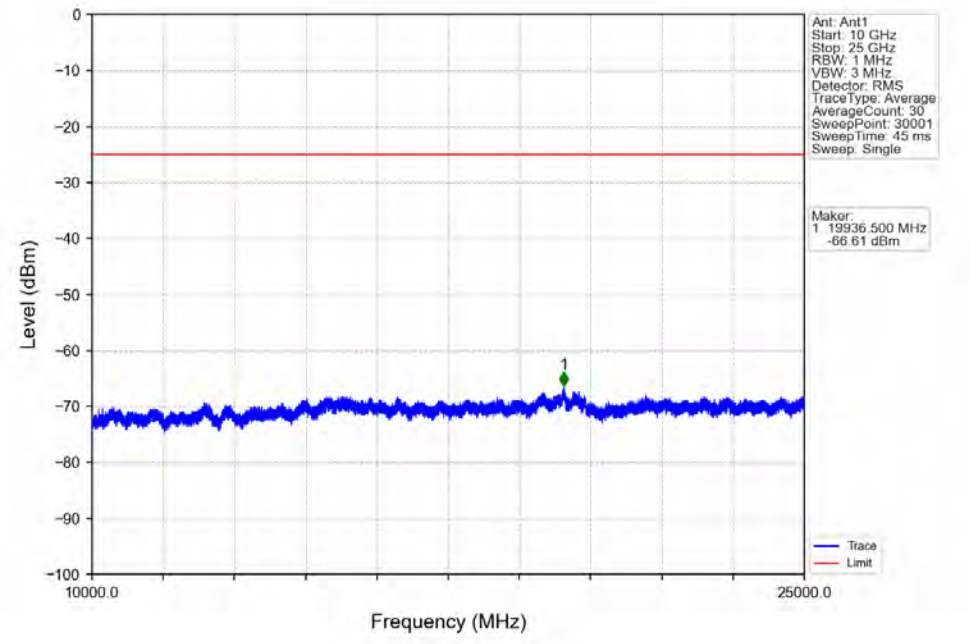
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



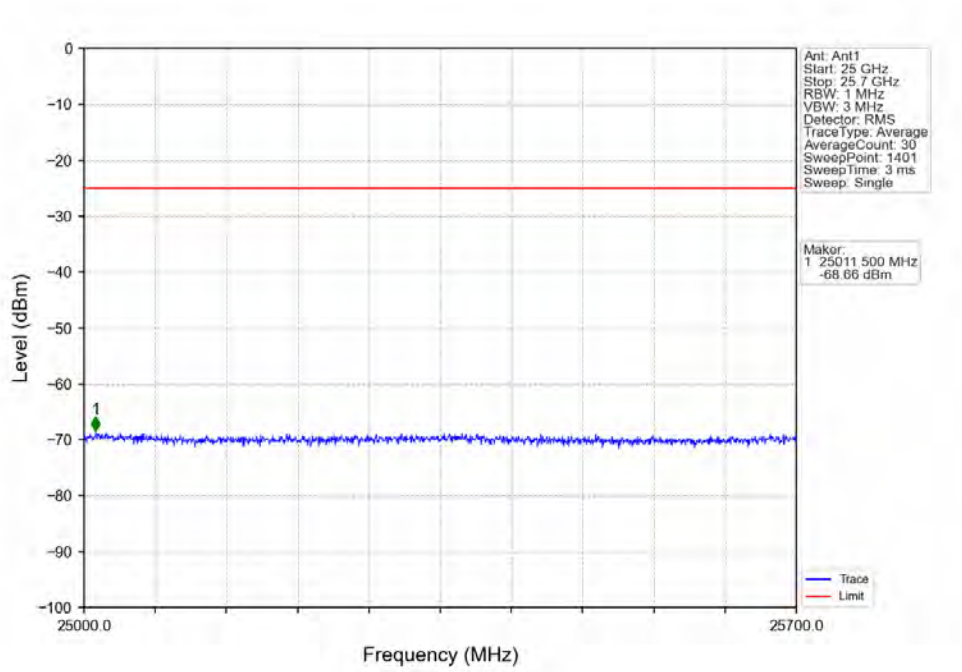
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



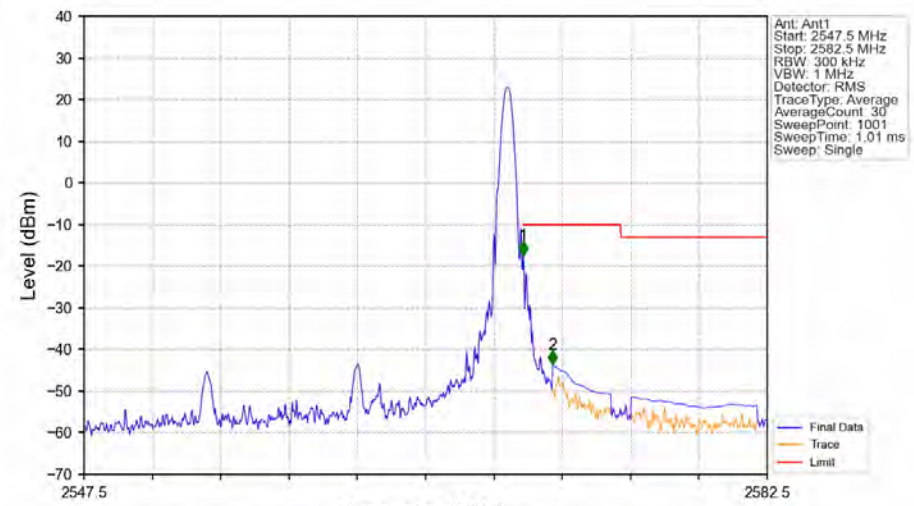
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

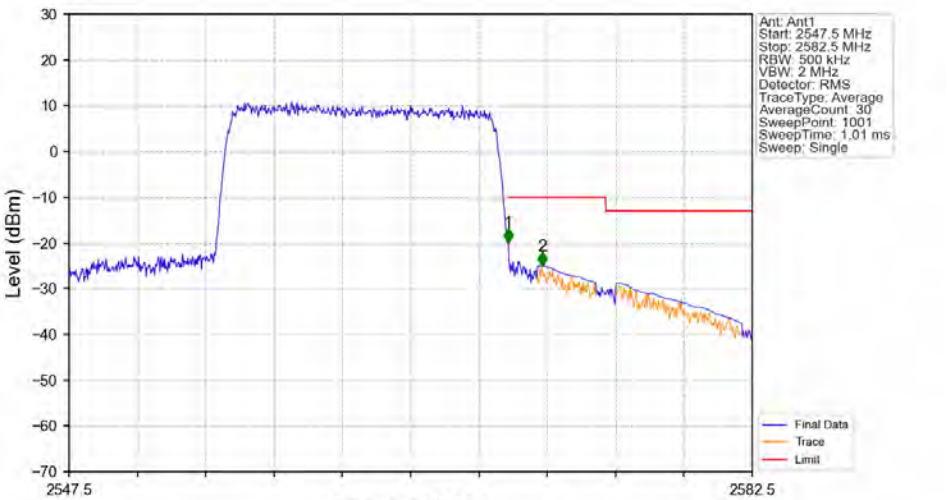


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.005	-17.49	-10	Pass
2571	2582.5	1	CHP	2	2571.510	-43.68	-10	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.005	-19.88	-10	Pass
2571	2582.5	1	CHP	2	2571.755	-25.01	-10	Pass

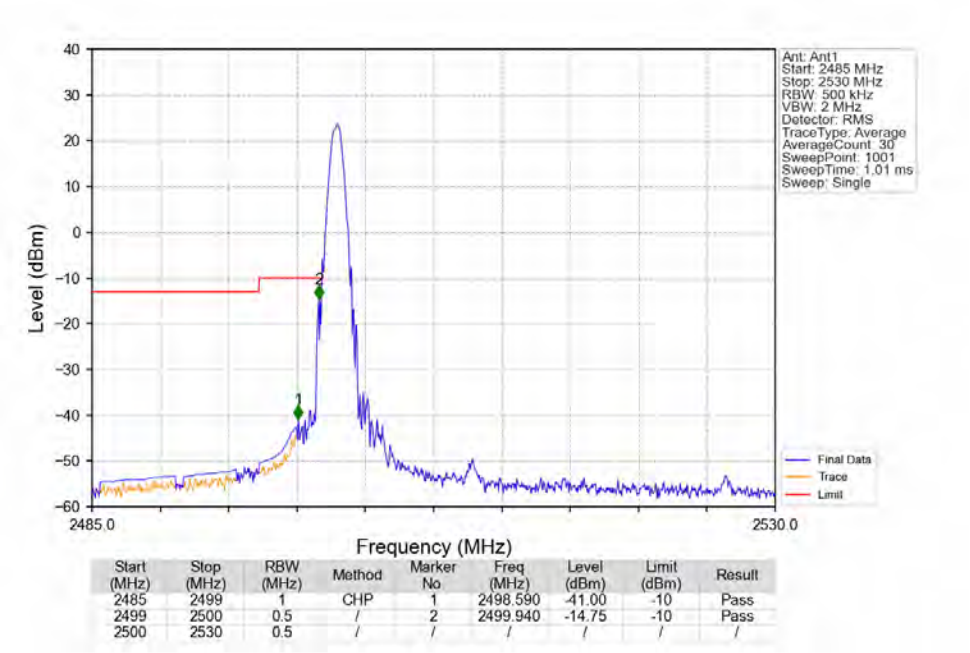
5.4 B7_20MHz

5.4.1 Test Result

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

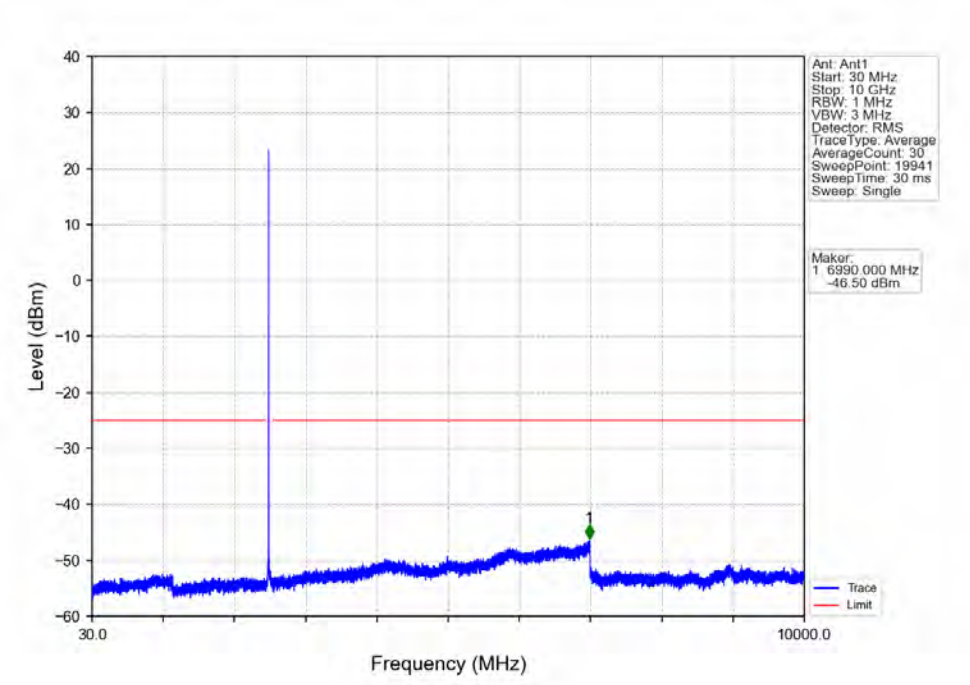
5.4.2 Test Graph

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

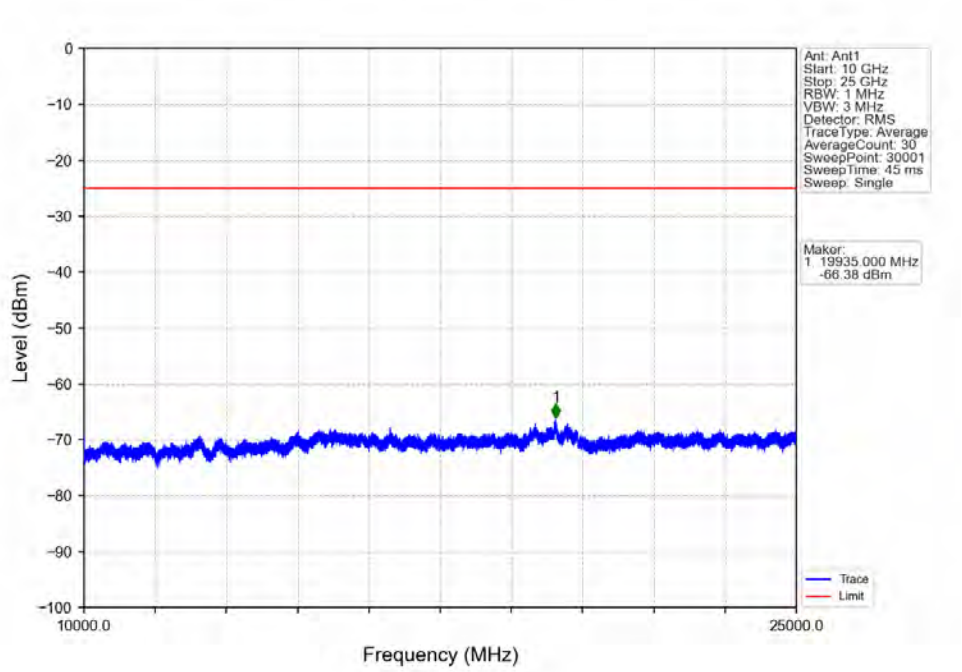


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.590	-41.00	-10	Pass
2499	2500	0.5	/	2	2499.940	-14.75	-10	Pass
2500	2530	0.5	/	/	/	/	/	/

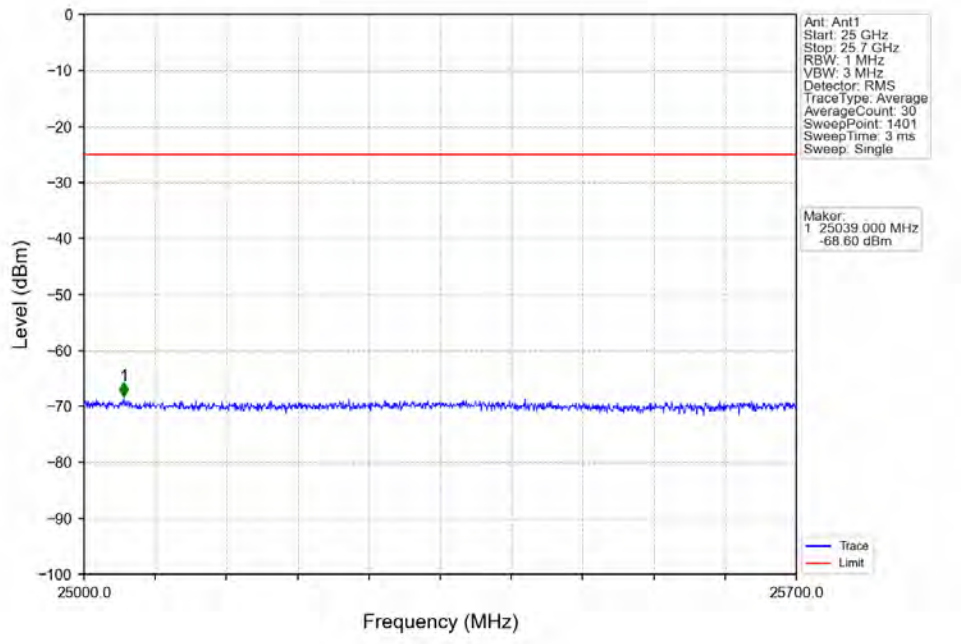
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



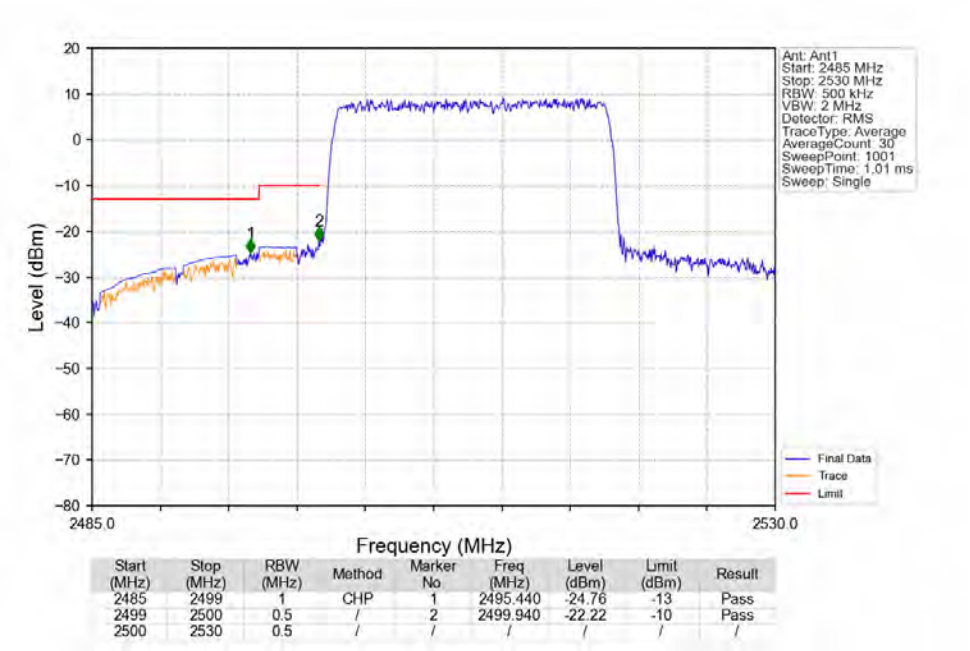
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

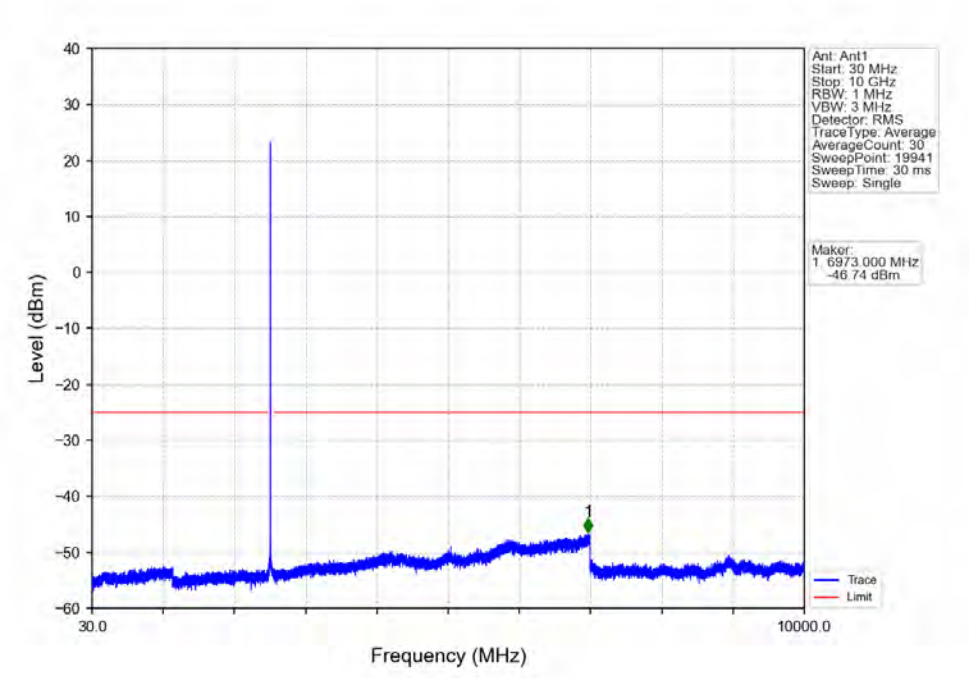


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

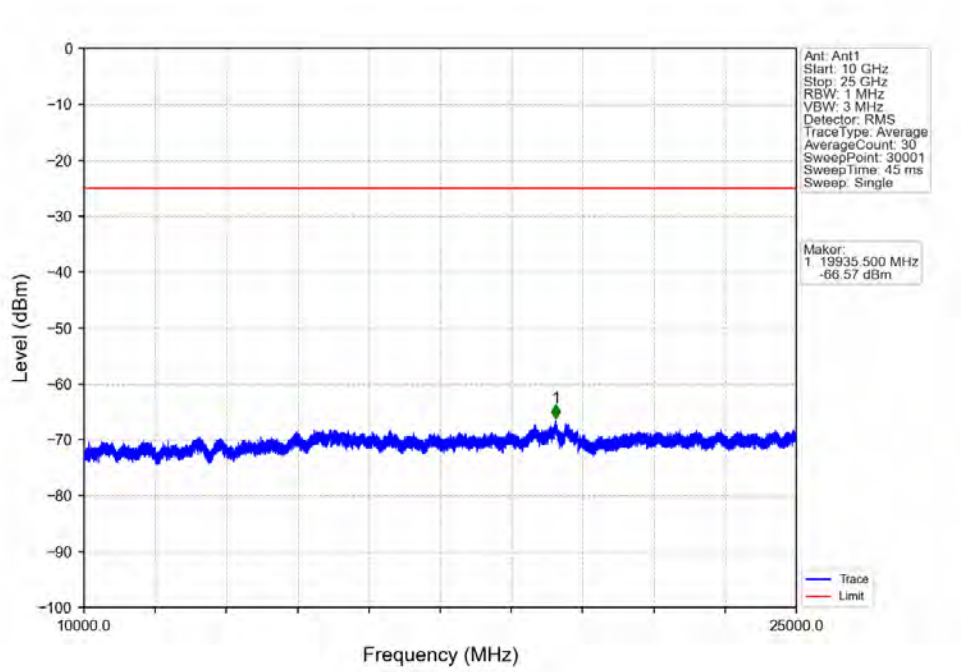


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2495.440	-24.76	-13	Pass
2499	2500	0.5	/	2	2499.940	-22.22	-10	Pass
2500	2530	0.5	/	/	/	/	/	/

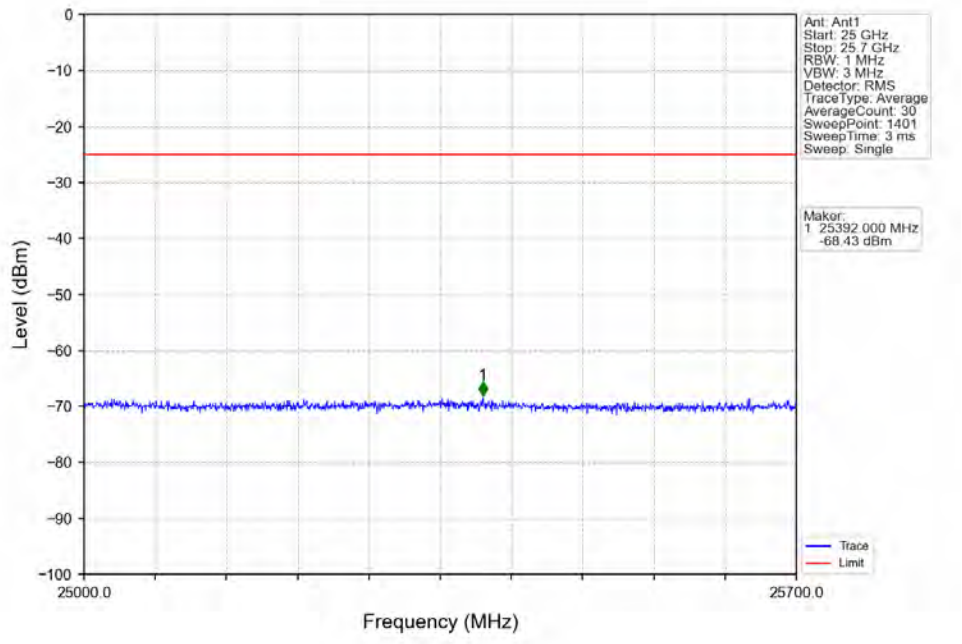
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



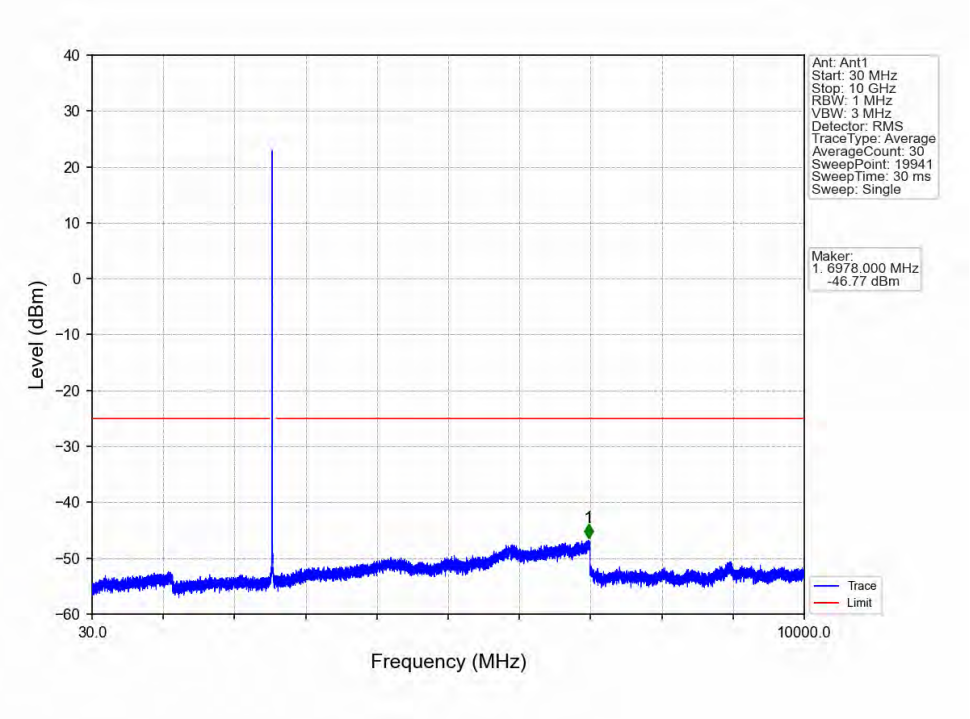
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



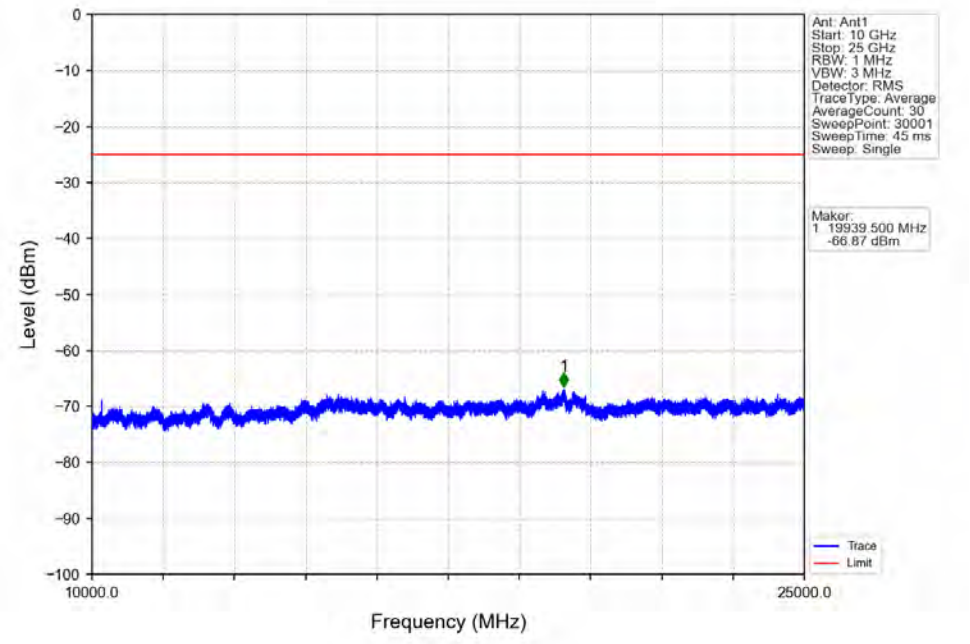
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



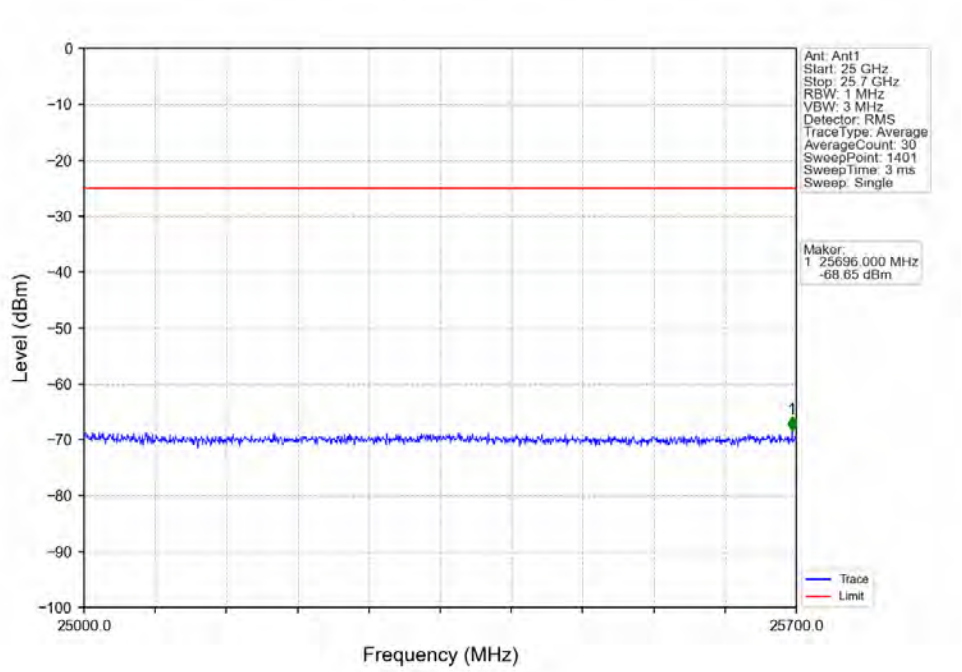
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



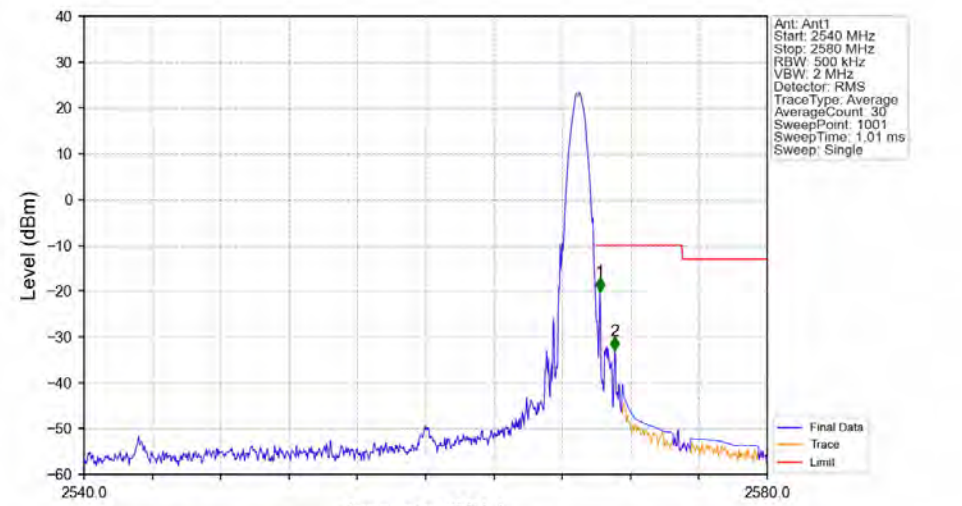
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

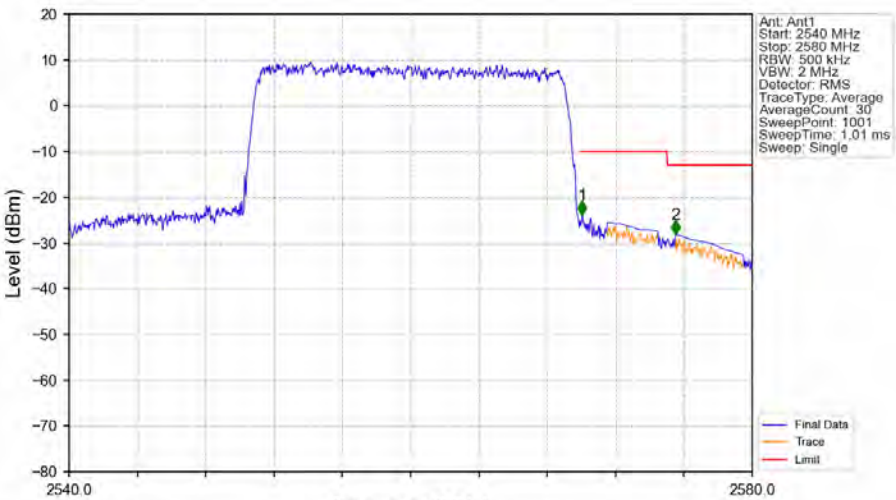


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.200	-20.16	-10	Pass
2571	2580	1	CHP	2	2571.080	-33.02	-10	Pass

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.040	-23.97	-10	Pass
2571	2580	1	CHP	2	2575.520	-28.12	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 7 ANT41-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	-61.46	-25	-36.46	-67.03	4.57	10.14	Horizontal	Pass
7503.0	-60.76	-25	-35.76	-67.56	4.94	11.74	Horizontal	Pass
10004.0	-57.51	-25	-32.51	-65.08	5.46	13.03	Horizontal	Pass
5002.0	-60.47	-25	-35.47	-66.04	4.57	10.14	Vertical	Pass
7503.0	-60.59	-25	-35.59	-67.39	4.94	11.74	Vertical	Pass
10004.0	-57.48	-25	-32.48	-65.05	5.46	13.03	Vertical	Pass

LTE Band 7 ANT41-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	-63.4	-25	-38.4	-68.98	4.59	10.17	Horizontal	Pass
7578.0	-60.81	-25	-35.81	-67.69	4.95	11.83	Horizontal	Pass
10104.0	-57.62	-25	-32.62	-65.19	5.48	13.05	Horizontal	Pass
5052.0	-63.01	-25	-38.01	-68.59	4.59	10.17	Vertical	Pass
7578.0	-61.03	-25	-36.03	-67.91	4.95	11.83	Vertical	Pass
10104.0	-57.68	-25	-32.68	-65.25	5.48	13.05	Vertical	Pass

LTE Band 7 ANT41-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	-63.53	-25	-38.53	-69.13	4.6	10.2	Horizontal	Pass
7653.0	-60.07	-25	-35.07	-67.04	4.95	11.92	Horizontal	Pass
10204.0	-57.39	-25	-32.39	-64.97	5.49	13.07	Horizontal	Pass
5102.0	-63.4	-25	-38.4	-69.0	4.6	10.2	Vertical	Pass
7653.0	-60.16	-25	-35.16	-67.13	4.95	11.92	Vertical	Pass
10204.0	-57.18	-25	-32.18	-64.76	5.49	13.07	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---