

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	26.13	1.20	27.33	<=33.01	Pass
			13	26.15	1.20	27.35	<=33.01	Pass
			24	26.14	1.20	27.34	<=33.01	Pass
		12	0	25.14	1.20	26.34	<=33.01	Pass
			6	25.15	1.20	26.35	<=33.01	Pass
			13	25.14	1.20	26.34	<=33.01	Pass
		25	0	25.09	1.20	26.29	<=33.01	Pass
	2593	1	0	25.99	1.20	27.19	<=33.01	Pass
			13	26.10	1.20	27.30	<=33.01	Pass
			24	26.01	1.20	27.21	<=33.01	Pass
		12	0	25.04	1.20	26.24	<=33.01	Pass
			6	25.00	1.20	26.20	<=33.01	Pass
			13	25.09	1.20	26.29	<=33.01	Pass
		25	0	25.00	1.20	26.20	<=33.01	Pass
	2687.5	1	0	26.13	1.20	27.33	<=33.01	Pass
			13	26.29	1.20	27.49	<=33.01	Pass
			24	26.10	1.20	27.30	<=33.01	Pass
		12	0	25.10	1.20	26.30	<=33.01	Pass
			6	25.09	1.20	26.29	<=33.01	Pass
			13	25.10	1.20	26.30	<=33.01	Pass
		25	0	25.06	1.20	26.26	<=33.01	Pass
16QAM	2498.5	1	0	25.29	1.20	26.49	<=33.01	Pass
			13	25.20	1.20	26.40	<=33.01	Pass
			24	25.28	1.20	26.48	<=33.01	Pass
		12	0	24.19	1.20	25.39	<=33.01	Pass
			6	24.23	1.20	25.43	<=33.01	Pass
			13	24.09	1.20	25.29	<=33.01	Pass
		25	0	24.08	1.20	25.28	<=33.01	Pass
	2593	1	0	25.20	1.20	26.40	<=33.01	Pass
			13	25.13	1.20	26.33	<=33.01	Pass
			24	25.04	1.20	26.24	<=33.01	Pass
		12	0	24.05	1.20	25.25	<=33.01	Pass
			6	24.03	1.20	25.23	<=33.01	Pass
			13	24.08	1.20	25.28	<=33.01	Pass
		25	0	23.98	1.20	25.18	<=33.01	Pass
	2687.5	1	0	25.23	1.20	26.43	<=33.01	Pass
			13	25.38	1.20	26.58	<=33.01	Pass
			24	25.17	1.20	26.37	<=33.01	Pass
		12	0	24.13	1.20	25.33	<=33.01	Pass
			6	24.14	1.20	25.34	<=33.01	Pass
			13	24.08	1.20	25.28	<=33.01	Pass
		25	0	24.06	1.20	25.26	<=33.01	Pass
64QAM	2498.5	1	0	24.07	1.20	25.27	<=33.01	Pass
			13	24.20	1.20	25.40	<=33.01	Pass
			24	24.22	1.20	25.42	<=33.01	Pass
		12	0	23.18	1.20	24.38	<=33.01	Pass
			6	23.23	1.20	24.43	<=33.01	Pass
			13	23.15	1.20	24.35	<=33.01	Pass

		25	0	23.14	1.20	24.34	<=33.01	Pass
	2593	1	0	24.23	1.20	25.43	<=33.01	Pass
			13	24.13	1.20	25.33	<=33.01	Pass
			24	24.23	1.20	25.43	<=33.01	Pass
			0	23.01	1.20	24.21	<=33.01	Pass
		12	6	23.08	1.20	24.28	<=33.01	Pass
			13	23.05	1.20	24.25	<=33.01	Pass
	25	0	23.00	1.20	24.20	<=33.01	Pass	
	2687.5	1	0	24.12	1.20	25.32	<=33.01	Pass
			13	24.47	1.20	25.67	<=33.01	Pass
			24	24.16	1.20	25.36	<=33.01	Pass
		12	0	23.14	1.20	24.34	<=33.01	Pass
			6	23.16	1.20	24.36	<=33.01	Pass
			13	23.15	1.20	24.35	<=33.01	Pass
		25	0	23.10	1.20	24.30	<=33.01	Pass
	256QAM	2498.5	1	0	21.20	1.20	22.40	<=33.01
13				21.19	1.20	22.39	<=33.01	Pass
24				21.04	1.20	22.24	<=33.01	Pass
12			0	21.12	1.20	22.32	<=33.01	Pass
			6	21.16	1.20	22.36	<=33.01	Pass
			13	21.16	1.20	22.36	<=33.01	Pass
25			0	21.11	1.20	22.31	<=33.01	Pass
2593		1	0	21.11	1.20	22.31	<=33.01	Pass
			13	21.28	1.20	22.48	<=33.01	Pass
			24	20.94	1.20	22.14	<=33.01	Pass
		12	0	21.02	1.20	22.22	<=33.01	Pass
			6	21.03	1.20	22.23	<=33.01	Pass
			13	21.06	1.20	22.26	<=33.01	Pass
25		0	21.01	1.20	22.21	<=33.01	Pass	
2687.5		1	0	21.18	1.20	22.38	<=33.01	Pass
			13	21.30	1.20	22.50	<=33.01	Pass
			24	21.16	1.20	22.36	<=33.01	Pass
		12	0	21.13	1.20	22.33	<=33.01	Pass
			6	21.15	1.20	22.35	<=33.01	Pass
			13	21.18	1.20	22.38	<=33.01	Pass
25	0	21.11	1.20	22.31	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	26.03	1.20	27.23	<=33.01	Pass
			25	26.04	1.20	27.24	<=33.01	Pass
			49	26.10	1.20	27.30	<=33.01	Pass
		25	0	25.05	1.20	26.25	<=33.01	Pass
			13	25.15	1.20	26.35	<=33.01	Pass
			25	25.16	1.20	26.36	<=33.01	Pass
		50	0	25.12	1.20	26.32	<=33.01	Pass
	2593	1	0	26.01	1.20	27.21	<=33.01	Pass
			25	26.07	1.20	27.27	<=33.01	Pass
			49	25.98	1.20	27.18	<=33.01	Pass
		25	0	25.05	1.20	26.25	<=33.01	Pass
			13	25.07	1.20	26.27	<=33.01	Pass
			25	25.06	1.20	26.26	<=33.01	Pass

	2685	50	0	25.02	1.20	26.22	<=33.01	Pass
		1	0	26.12	1.20	27.32	<=33.01	Pass
			25	26.14	1.20	27.34	<=33.01	Pass
			49	25.96	1.20	27.16	<=33.01	Pass
		25	0	25.12	1.20	26.32	<=33.01	Pass
			13	25.17	1.20	26.37	<=33.01	Pass
			25	25.14	1.20	26.34	<=33.01	Pass
16QAM	2501	50	0	25.17	1.20	26.37	<=33.01	Pass
		1	0	25.12	1.20	26.32	<=33.01	Pass
			25	25.20	1.20	26.40	<=33.01	Pass
			49	25.32	1.20	26.52	<=33.01	Pass
			0	24.11	1.20	25.31	<=33.01	Pass
		25	13	24.18	1.20	25.38	<=33.01	Pass
			25	24.19	1.20	25.39	<=33.01	Pass
	2593	50	0	24.18	1.20	25.38	<=33.01	Pass
		1	0	25.17	1.20	26.37	<=33.01	Pass
			25	25.21	1.20	26.41	<=33.01	Pass
			49	25.14	1.20	26.34	<=33.01	Pass
			0	24.06	1.20	25.26	<=33.01	Pass
		25	13	24.00	1.20	25.20	<=33.01	Pass
			25	24.11	1.20	25.31	<=33.01	Pass
			0	24.00	1.20	25.20	<=33.01	Pass
	2685	1	0	25.24	1.20	26.44	<=33.01	Pass
			25	25.27	1.20	26.47	<=33.01	Pass
			49	25.19	1.20	26.39	<=33.01	Pass
			0	24.17	1.20	25.37	<=33.01	Pass
		25	13	24.23	1.20	25.43	<=33.01	Pass
			25	24.17	1.20	25.37	<=33.01	Pass
			0	24.18	1.20	25.38	<=33.01	Pass
64QAM	2501	1	0	24.31	1.20	25.51	<=33.01	Pass
			25	24.24	1.20	25.44	<=33.01	Pass
			49	24.23	1.20	25.43	<=33.01	Pass
			0	23.05	1.20	24.25	<=33.01	Pass
		25	13	23.17	1.20	24.37	<=33.01	Pass
			25	23.16	1.20	24.36	<=33.01	Pass
		50	0	23.17	1.20	24.37	<=33.01	Pass
	2593	1	0	24.31	1.20	25.51	<=33.01	Pass
			25	24.07	1.20	25.27	<=33.01	Pass
			49	24.05	1.20	25.25	<=33.01	Pass
			0	23.05	1.20	24.25	<=33.01	Pass
		25	13	23.05	1.20	24.25	<=33.01	Pass
			25	23.06	1.20	24.26	<=33.01	Pass
			0	23.03	1.20	24.23	<=33.01	Pass
	2685	1	0	24.38	1.20	25.58	<=33.01	Pass
			25	24.48	1.20	25.68	<=33.01	Pass
			49	24.28	1.20	25.48	<=33.01	Pass
			0	23.12	1.20	24.32	<=33.01	Pass
		25	13	23.22	1.20	24.42	<=33.01	Pass
			25	23.14	1.20	24.34	<=33.01	Pass
			0	23.18	1.20	24.38	<=33.01	Pass
256QAM	2501	1	0	21.27	1.20	22.47	<=33.01	Pass
			25	21.24	1.20	22.44	<=33.01	Pass
			49	21.36	1.20	22.56	<=33.01	Pass
			0	21.09	1.20	22.29	<=33.01	Pass
		25	13	21.16	1.20	22.36	<=33.01	Pass
			25	21.15	1.20	22.35	<=33.01	Pass
			0	21.14	1.20	22.34	<=33.01	Pass
	2593	1	0	21.20	1.20	22.40	<=33.01	Pass

	2685	25	25	21.10	1.20	22.30	<=33.01	Pass
			49	21.32	1.20	22.52	<=33.01	Pass
			0	21.04	1.20	22.24	<=33.01	Pass
			13	21.07	1.20	22.27	<=33.01	Pass
			25	21.05	1.20	22.25	<=33.01	Pass
		50	0	21.00	1.20	22.20	<=33.01	Pass
		1	0	21.34	1.20	22.54	<=33.01	Pass
			25	21.25	1.20	22.45	<=33.01	Pass
			49	21.26	1.20	22.46	<=33.01	Pass
		25	0	21.15	1.20	22.35	<=33.01	Pass
			13	21.25	1.20	22.45	<=33.01	Pass
			25	21.11	1.20	22.31	<=33.01	Pass
		50	0	21.17	1.20	22.37	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	26.05	1.20	27.25	<=33.01	Pass
			38	25.99	1.20	27.19	<=33.01	Pass
			74	26.03	1.20	27.23	<=33.01	Pass
		36	0	25.00	1.20	26.20	<=33.01	Pass
			18	25.08	1.20	26.28	<=33.01	Pass
			39	25.06	1.20	26.26	<=33.01	Pass
		75	0	25.05	1.20	26.25	<=33.01	Pass
	2593	1	0	26.08	1.20	27.28	<=33.01	Pass
			38	25.99	1.20	27.19	<=33.01	Pass
			74	25.93	1.20	27.13	<=33.01	Pass
		36	0	24.99	1.20	26.19	<=33.01	Pass
			18	24.96	1.20	26.16	<=33.01	Pass
			39	24.94	1.20	26.14	<=33.01	Pass
		75	0	24.92	1.20	26.12	<=33.01	Pass
	2682.5	1	0	26.20	1.20	27.40	<=33.01	Pass
			38	26.04	1.20	27.24	<=33.01	Pass
			74	25.94	1.20	27.14	<=33.01	Pass
		36	0	25.04	1.20	26.24	<=33.01	Pass
			18	25.00	1.20	26.20	<=33.01	Pass
			39	25.01	1.20	26.21	<=33.01	Pass
		75	0	25.04	1.20	26.24	<=33.01	Pass
16QAM	2503.5	1	0	25.19	1.20	26.39	<=33.01	Pass
			38	25.24	1.20	26.44	<=33.01	Pass
			74	25.29	1.20	26.49	<=33.01	Pass
		36	0	24.00	1.20	25.20	<=33.01	Pass
			18	24.12	1.20	25.32	<=33.01	Pass
			39	24.08	1.20	25.28	<=33.01	Pass
		75	0	24.06	1.20	25.26	<=33.01	Pass
	2593	1	0	25.17	1.20	26.37	<=33.01	Pass
			38	25.19	1.20	26.39	<=33.01	Pass
			74	24.96	1.20	26.16	<=33.01	Pass
		36	0	23.99	1.20	25.19	<=33.01	Pass
			18	23.94	1.20	25.14	<=33.01	Pass
			39	23.97	1.20	25.17	<=33.01	Pass
		75	0	23.91	1.20	25.11	<=33.01	Pass
	2682.5	1	0	25.28	1.20	26.48	<=33.01	Pass

64QAM	2503.5	36	38	25.40	1.20	26.60	<=33.01	Pass
			74	25.08	1.20	26.28	<=33.01	Pass
			0	24.08	1.20	25.28	<=33.01	Pass
			18	24.05	1.20	25.25	<=33.01	Pass
			39	24.04	1.20	25.24	<=33.01	Pass
		75	0	24.09	1.20	25.29	<=33.01	Pass
			1	24.29	1.20	25.49	<=33.01	Pass
			38	24.24	1.20	25.44	<=33.01	Pass
			74	24.25	1.20	25.45	<=33.01	Pass
			0	23.06	1.20	24.26	<=33.01	Pass
	2593	36	18	23.10	1.20	24.30	<=33.01	Pass
			39	23.14	1.20	24.34	<=33.01	Pass
			75	0	23.11	24.31	<=33.01	Pass
		75	0	24.43	1.20	25.63	<=33.01	Pass
			38	24.20	1.20	25.40	<=33.01	Pass
			74	24.13	1.20	25.33	<=33.01	Pass
			0	23.02	1.20	24.22	<=33.01	Pass
			18	23.00	1.20	24.20	<=33.01	Pass
			39	23.02	1.20	24.22	<=33.01	Pass
			75	0	22.95	24.15	<=33.01	Pass
256QAM	2503.5	1	0	24.41	1.20	25.61	<=33.01	Pass
			38	24.22	1.20	25.42	<=33.01	Pass
			74	24.12	1.20	25.32	<=33.01	Pass
			0	23.07	1.20	24.27	<=33.01	Pass
			18	23.03	1.20	24.23	<=33.01	Pass
			39	23.06	1.20	24.26	<=33.01	Pass
		36	0	23.12	1.20	24.32	<=33.01	Pass
			1	21.37	1.20	22.57	<=33.01	Pass
			38	21.20	1.20	22.40	<=33.01	Pass
			74	21.26	1.20	22.46	<=33.01	Pass
			0	21.09	1.20	22.29	<=33.01	Pass
			18	21.14	1.20	22.34	<=33.01	Pass
	2593	1	39	21.08	1.20	22.28	<=33.01	Pass
			75	0	21.13	22.33	<=33.01	Pass
			0	21.09	1.20	22.29	<=33.01	Pass
			38	21.34	1.20	22.54	<=33.01	Pass
			74	21.27	1.20	22.47	<=33.01	Pass
			0	21.03	1.20	22.23	<=33.01	Pass
		36	18	20.99	1.20	22.19	<=33.01	Pass
			39	21.04	1.20	22.24	<=33.01	Pass
			75	0	20.97	22.17	<=33.01	Pass
			0	21.12	1.20	22.32	<=33.01	Pass
			38	21.43	1.20	22.63	<=33.01	Pass
			74	21.00	1.20	22.20	<=33.01	Pass
	2682.5	1	0	21.07	1.20	22.27	<=33.01	Pass
			18	21.08	1.20	22.28	<=33.01	Pass
			39	21.02	1.20	22.22	<=33.01	Pass
		36	0	21.08	1.20	22.28	<=33.01	Pass
			75	0	21.08	22.28	<=33.01	Pass
			75	0	21.08	22.28	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	26.03	1.20	27.23	<=33.01	Pass

			50	26.09	1.20	27.29	<=33.01	Pass
			99	26.13	1.20	27.33	<=33.01	Pass
		50	0	24.98	1.20	26.18	<=33.01	Pass
			25	25.10	1.20	26.30	<=33.01	Pass
			50	25.14	1.20	26.34	<=33.01	Pass
		100	0	25.09	1.20	26.29	<=33.01	Pass
	2593	1	0	26.00	1.20	27.20	<=33.01	Pass
			50	26.01	1.20	27.21	<=33.01	Pass
			99	25.93	1.20	27.13	<=33.01	Pass
		50	0	25.02	1.20	26.22	<=33.01	Pass
			25	24.96	1.20	26.16	<=33.01	Pass
			50	24.99	1.20	26.19	<=33.01	Pass
		100	0	24.96	1.20	26.16	<=33.01	Pass
	2680	1	0	26.19	1.20	27.39	<=33.01	Pass
			50	26.03	1.20	27.23	<=33.01	Pass
			99	25.85	1.20	27.05	<=33.01	Pass
		50	0	25.07	1.20	26.27	<=33.01	Pass
			25	25.05	1.20	26.25	<=33.01	Pass
			50	25.05	1.20	26.25	<=33.01	Pass
		100	0	25.00	1.20	26.20	<=33.01	Pass
16QAM	2506	1	0	25.13	1.20	26.33	<=33.01	Pass
			50	25.28	1.20	26.48	<=33.01	Pass
			99	25.28	1.20	26.48	<=33.01	Pass
		50	0	24.02	1.20	25.22	<=33.01	Pass
			25	24.10	1.20	25.30	<=33.01	Pass
			50	24.16	1.20	25.36	<=33.01	Pass
		100	0	24.12	1.20	25.32	<=33.01	Pass
	2593	1	0	25.07	1.20	26.27	<=33.01	Pass
			50	25.09	1.20	26.29	<=33.01	Pass
			99	25.06	1.20	26.26	<=33.01	Pass
		50	0	23.99	1.20	25.19	<=33.01	Pass
			25	23.98	1.20	25.18	<=33.01	Pass
			50	24.02	1.20	25.22	<=33.01	Pass
		100	0	23.94	1.20	25.14	<=33.01	Pass
	2680	1	0	25.34	1.20	26.54	<=33.01	Pass
			50	25.44	1.20	26.64	<=33.01	Pass
			99	25.13	1.20	26.33	<=33.01	Pass
		50	0	24.09	1.20	25.29	<=33.01	Pass
			25	24.04	1.20	25.24	<=33.01	Pass
			50	24.04	1.20	25.24	<=33.01	Pass
		100	0	24.05	1.20	25.25	<=33.01	Pass
64QAM	2506	1	0	24.00	1.20	25.20	<=33.01	Pass
			50	24.09	1.20	25.29	<=33.01	Pass
			99	24.36	1.20	25.56	<=33.01	Pass
		50	0	23.03	1.20	24.23	<=33.01	Pass
			25	23.12	1.20	24.32	<=33.01	Pass
			50	23.10	1.20	24.30	<=33.01	Pass
		100	0	23.11	1.20	24.31	<=33.01	Pass
	2593	1	0	24.18	1.20	25.38	<=33.01	Pass
			50	24.12	1.20	25.32	<=33.01	Pass
			99	24.25	1.20	25.45	<=33.01	Pass
		50	0	23.03	1.20	24.23	<=33.01	Pass
			25	23.00	1.20	24.20	<=33.01	Pass
			50	23.00	1.20	24.20	<=33.01	Pass
		100	0	22.98	1.20	24.18	<=33.01	Pass
	2680	1	0	24.29	1.20	25.49	<=33.01	Pass
			50	24.40	1.20	25.60	<=33.01	Pass
			99	24.00	1.20	25.20	<=33.01	Pass

		50	0	23.08	1.20	24.28	<=33.01	Pass	
			25	23.03	1.20	24.23	<=33.01	Pass	
			50	23.07	1.20	24.27	<=33.01	Pass	
		100	0	23.06	1.20	24.26	<=33.01	Pass	
256QAM	2506	1	0	21.36	1.20	22.56	<=33.01	Pass	
			50	21.26	1.20	22.46	<=33.01	Pass	
			99	21.36	1.20	22.56	<=33.01	Pass	
		50	0	21.07	1.20	22.27	<=33.01	Pass	
			25	21.14	1.20	22.34	<=33.01	Pass	
			50	21.10	1.20	22.30	<=33.01	Pass	
		100	0	21.17	1.20	22.37	<=33.01	Pass	
		2593	1	0	21.34	1.20	22.54	<=33.01	Pass
				50	21.24	1.20	22.44	<=33.01	Pass
	99			21.10	1.20	22.30	<=33.01	Pass	
	50		0	21.03	1.20	22.23	<=33.01	Pass	
			25	20.97	1.20	22.17	<=33.01	Pass	
			50	21.02	1.20	22.22	<=33.01	Pass	
	100		0	21.05	1.20	22.25	<=33.01	Pass	
	2680		1	0	21.31	1.20	22.51	<=33.01	Pass
				50	21.34	1.20	22.54	<=33.01	Pass
		99		21.08	1.20	22.28	<=33.01	Pass	
		50	0	21.13	1.20	22.33	<=33.01	Pass	
			25	21.05	1.20	22.25	<=33.01	Pass	
			50	21.08	1.20	22.28	<=33.01	Pass	
		100	0	21.06	1.20	22.26	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	3.23	1.061	0.0004	-2.5 to 2.5	Pass
					3.80	2.105	0.0008	-2.5 to 2.5	Pass
					4.37	1.946	0.0008	-2.5 to 2.5	Pass
				-30	3.80	-3.156	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	1.709	0.0007	-2.5 to 2.5	Pass
				-10	3.80	-0.622	-0.0002	-2.5 to 2.5	Pass
				0	3.80	-2.544	-0.0010	-2.5 to 2.5	Pass
				10	3.80	-3.532	-0.0014	-2.5 to 2.5	Pass
				30	3.80	-2.403	-0.0009	-2.5 to 2.5	Pass
				40	3.80	0.578	0.0002	-2.5 to 2.5	Pass
				50	3.80	-3.267	-0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

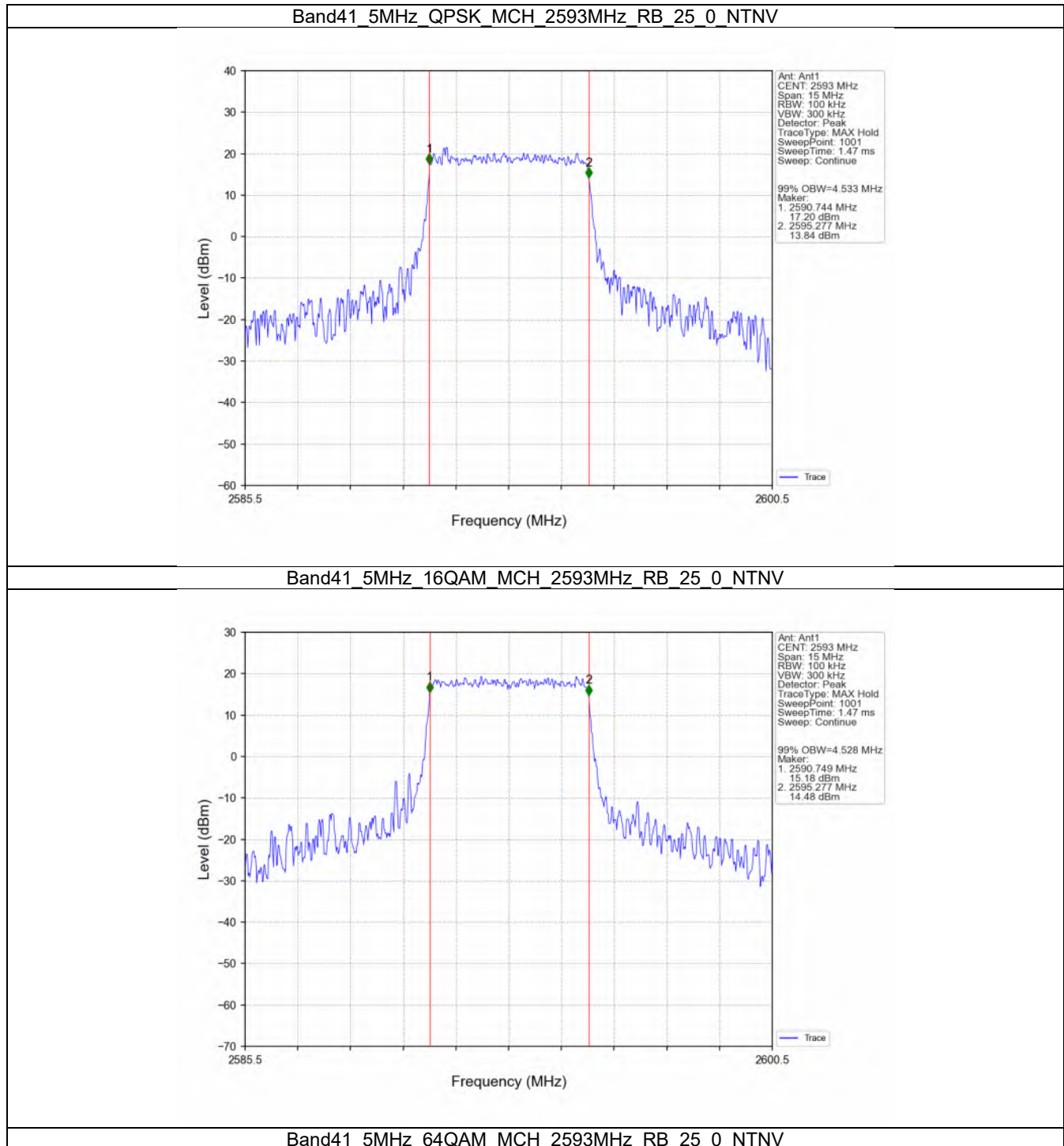
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.533	/	Pass
	16QAM	2593	25	0	4.528	/	Pass
	64QAM	2593	25	0	4.524	/	Pass
	256QAM	2593	25	0	4.519	/	Pass
10	QPSK	2593	50	0	8.944	/	Pass
	16QAM	2593	50	0	8.964	/	Pass
	64QAM	2593	50	0	8.962	/	Pass
	256QAM	2593	50	0	8.954	/	Pass
15	QPSK	2593	75	0	13.498	/	Pass
	16QAM	2593	75	0	13.444	/	Pass
	64QAM	2593	75	0	13.423	/	Pass
	256QAM	2593	75	0	13.454	/	Pass
20	QPSK	2593	100	0	17.906	/	Pass
	16QAM	2593	100	0	17.895	/	Pass
	64QAM	2593	100	0	17.927	/	Pass
	256QAM	2593	100	0	17.924	/	Pass

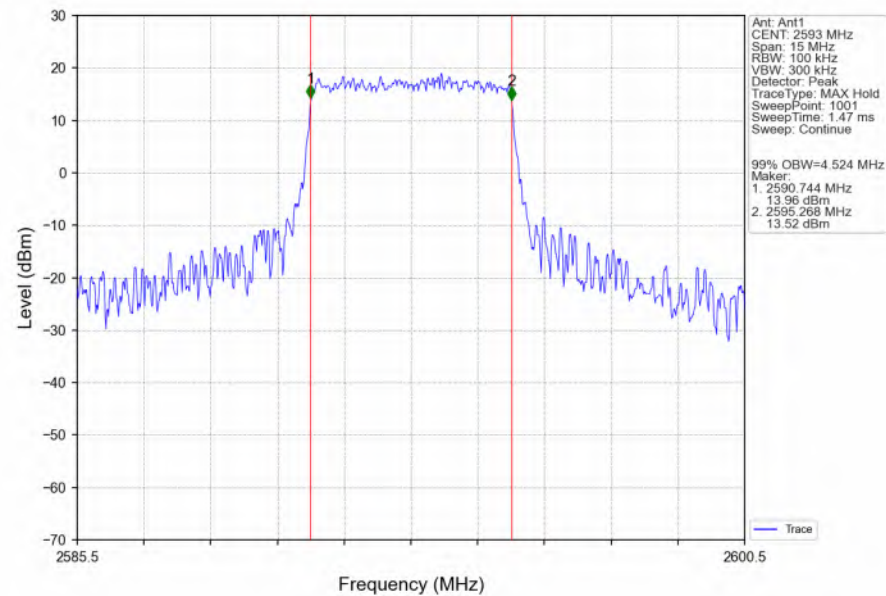
3.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.285	/	Pass
	16QAM	2593	25	0	5.774	/	Pass
	64QAM	2593	25	0	5.215	/	Pass
	256QAM	2593	25	0	5.295	/	Pass
10	QPSK	2593	50	0	9.761	/	Pass
	16QAM	2593	50	0	9.789	/	Pass
	64QAM	2593	50	0	9.732	/	Pass
	256QAM	2593	50	0	10.068	/	Pass
15	QPSK	2593	75	0	14.711	/	Pass
	16QAM	2593	75	0	14.889	/	Pass
	64QAM	2593	75	0	14.703	/	Pass
	256QAM	2593	75	0	14.634	/	Pass
20	QPSK	2593	100	0	19.250	/	Pass
	16QAM	2593	100	0	19.240	/	Pass
	64QAM	2593	100	0	19.165	/	Pass
	256QAM	2593	100	0	19.152	/	Pass

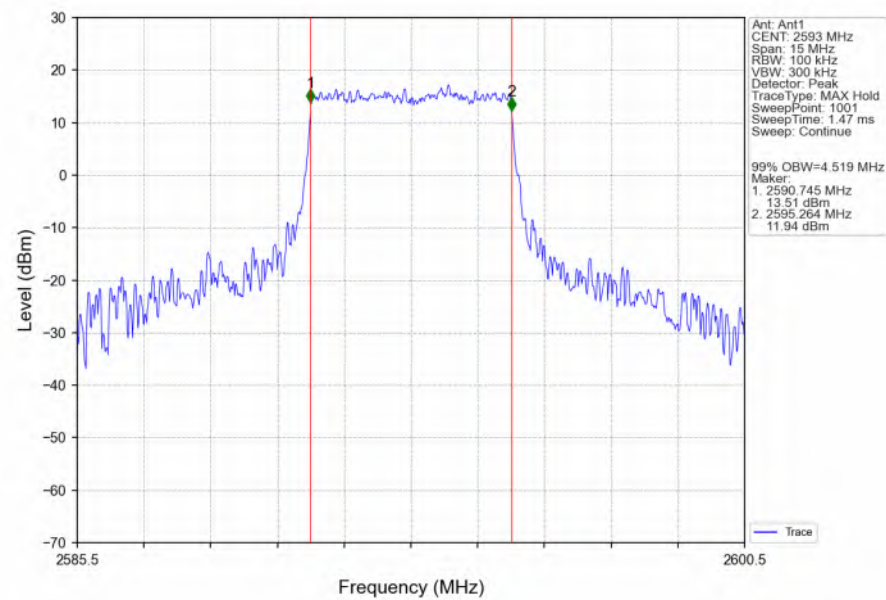
3.2 Test Graph

3.2.1 Band41_OBW

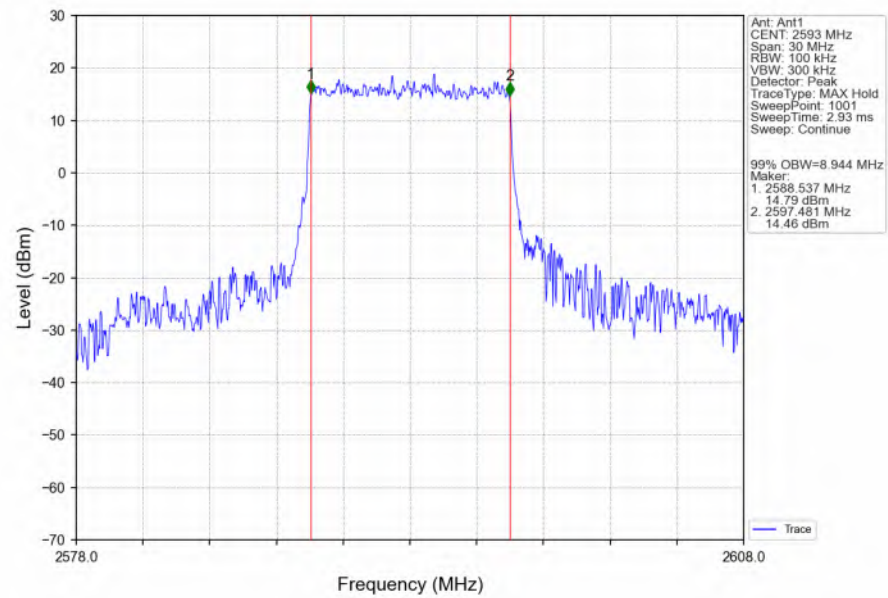




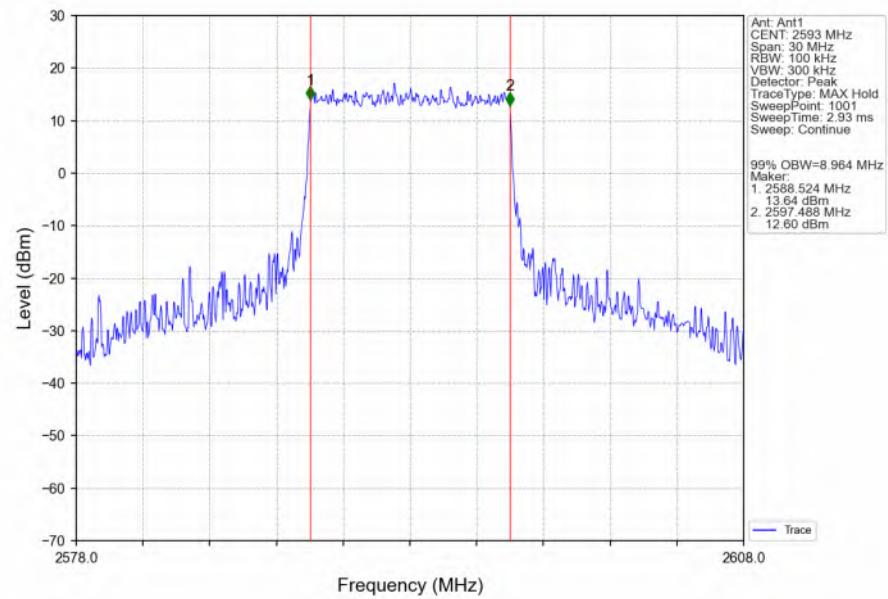
Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



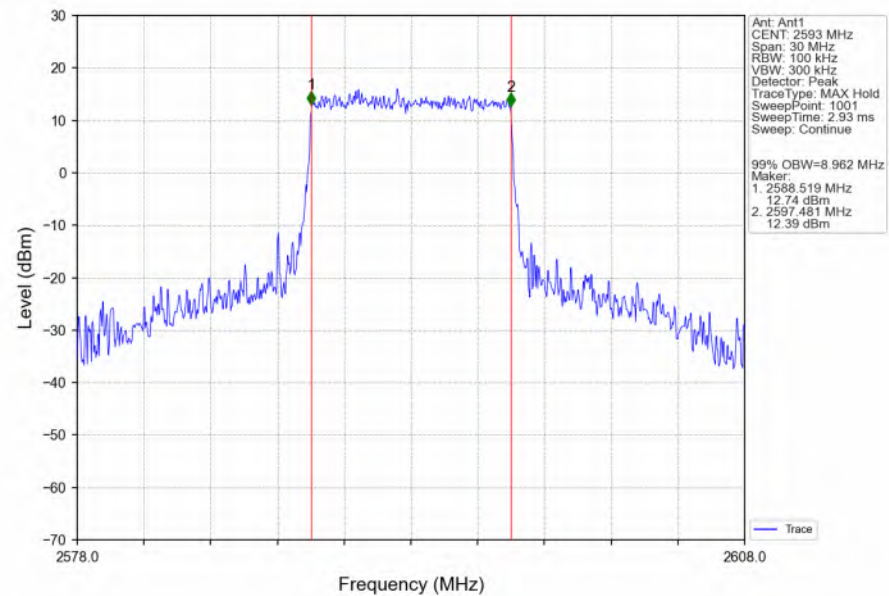
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



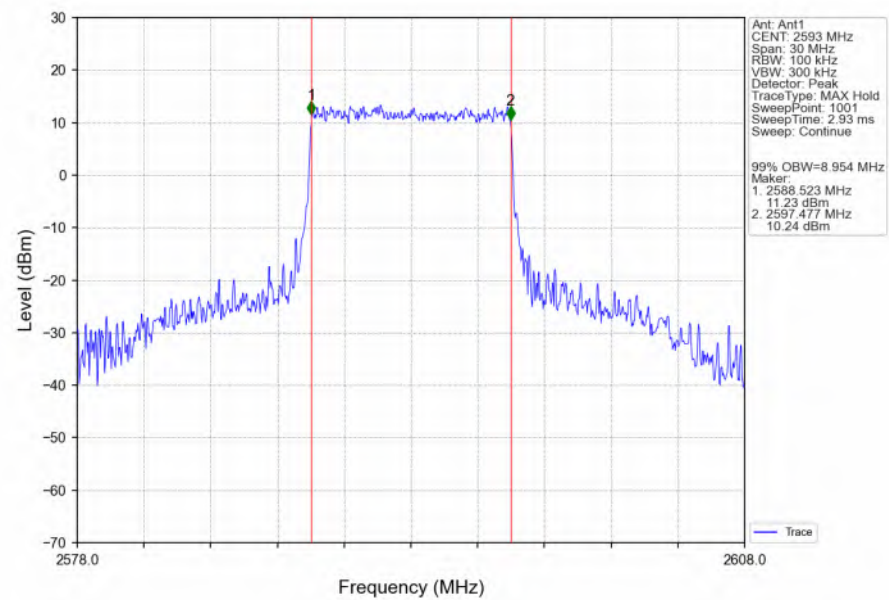
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



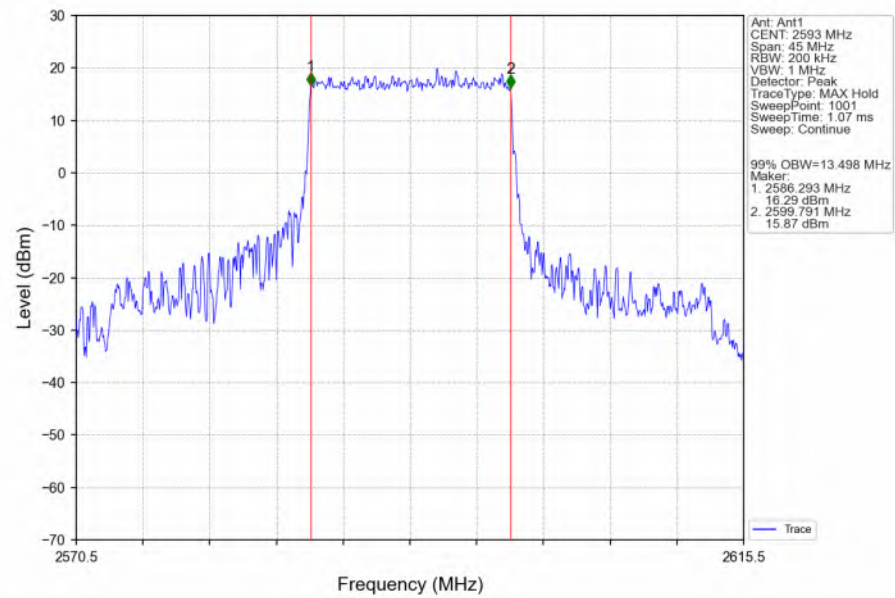
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



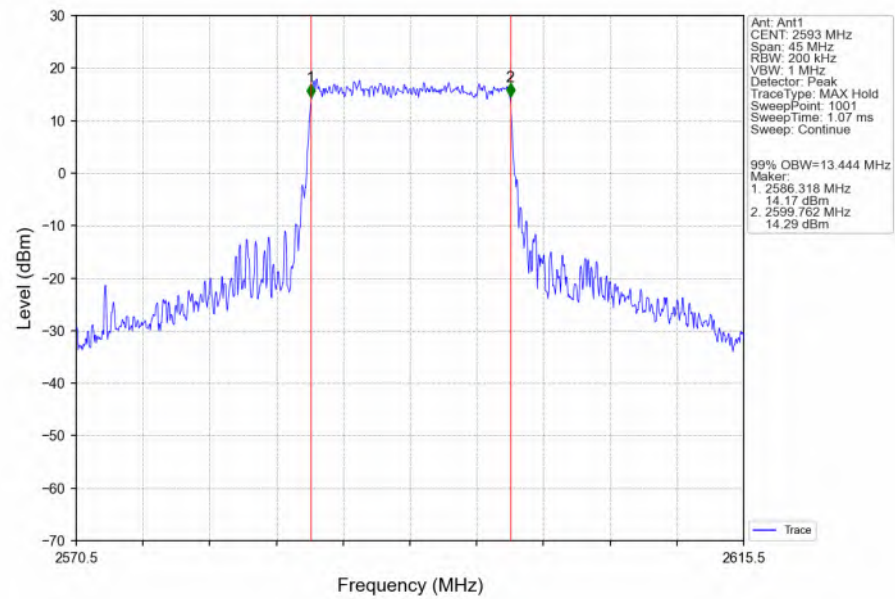
Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



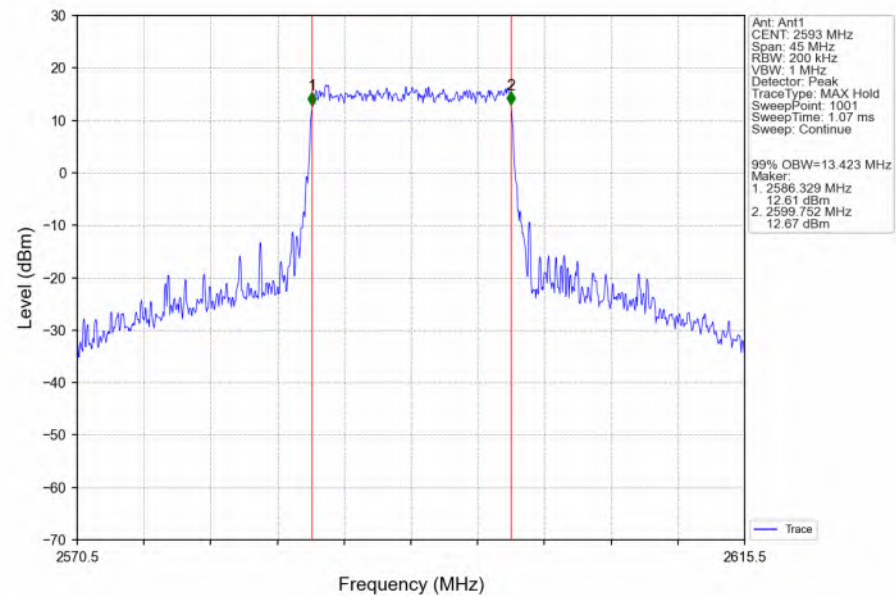
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



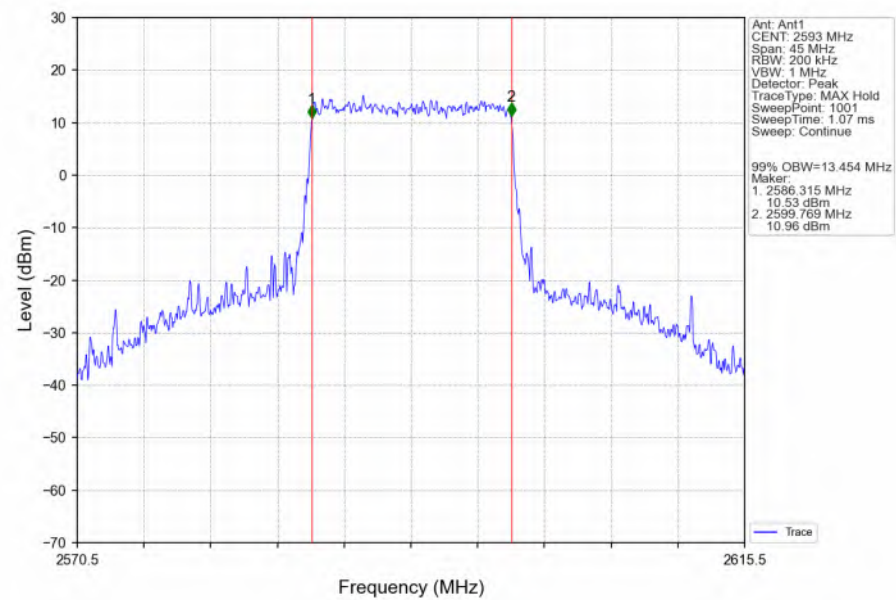
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



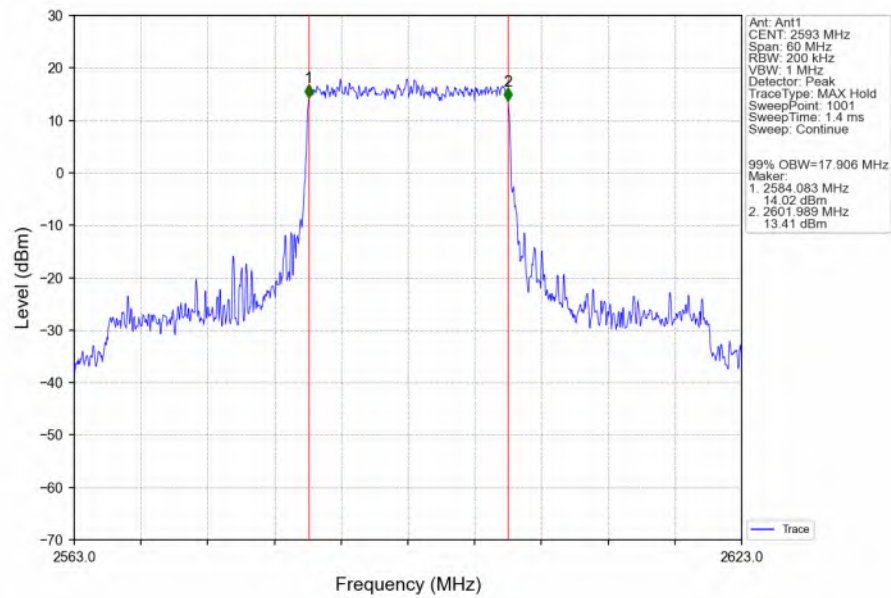
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



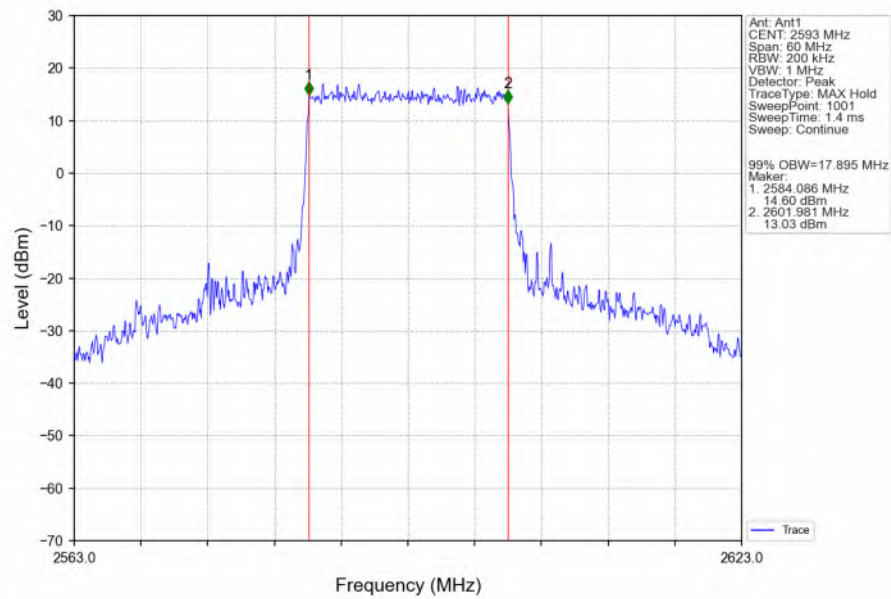
Band41_15MHz_256QAM_MCH_2593MHz_RB_75_0_NTNV



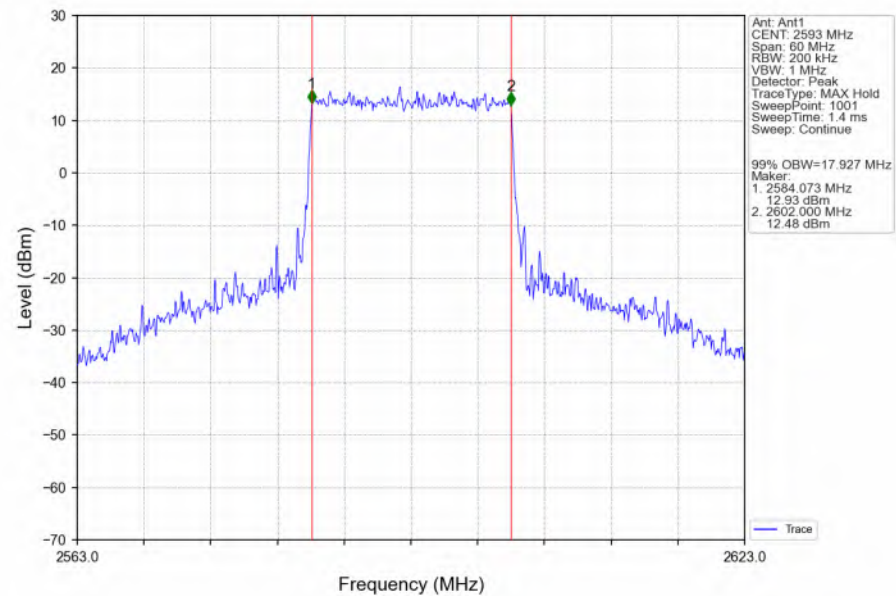
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



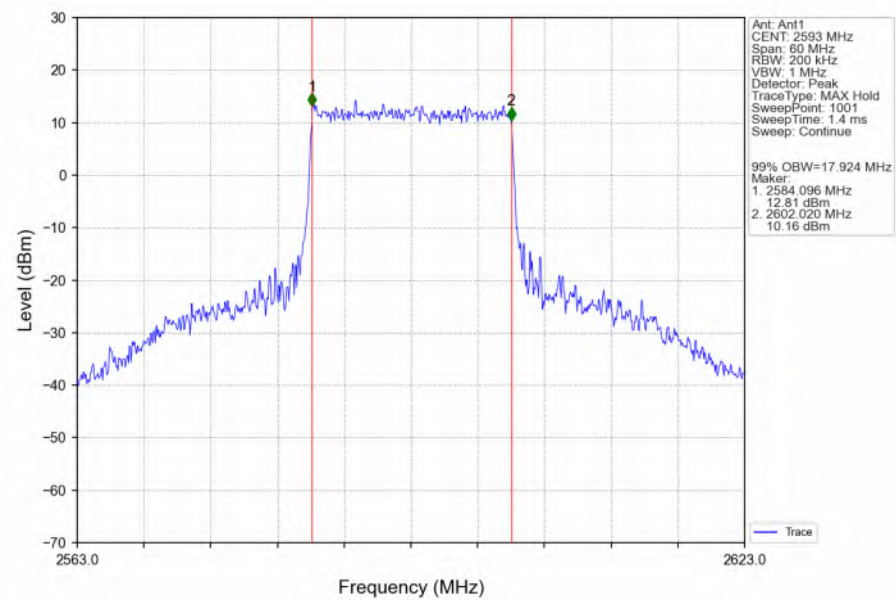
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



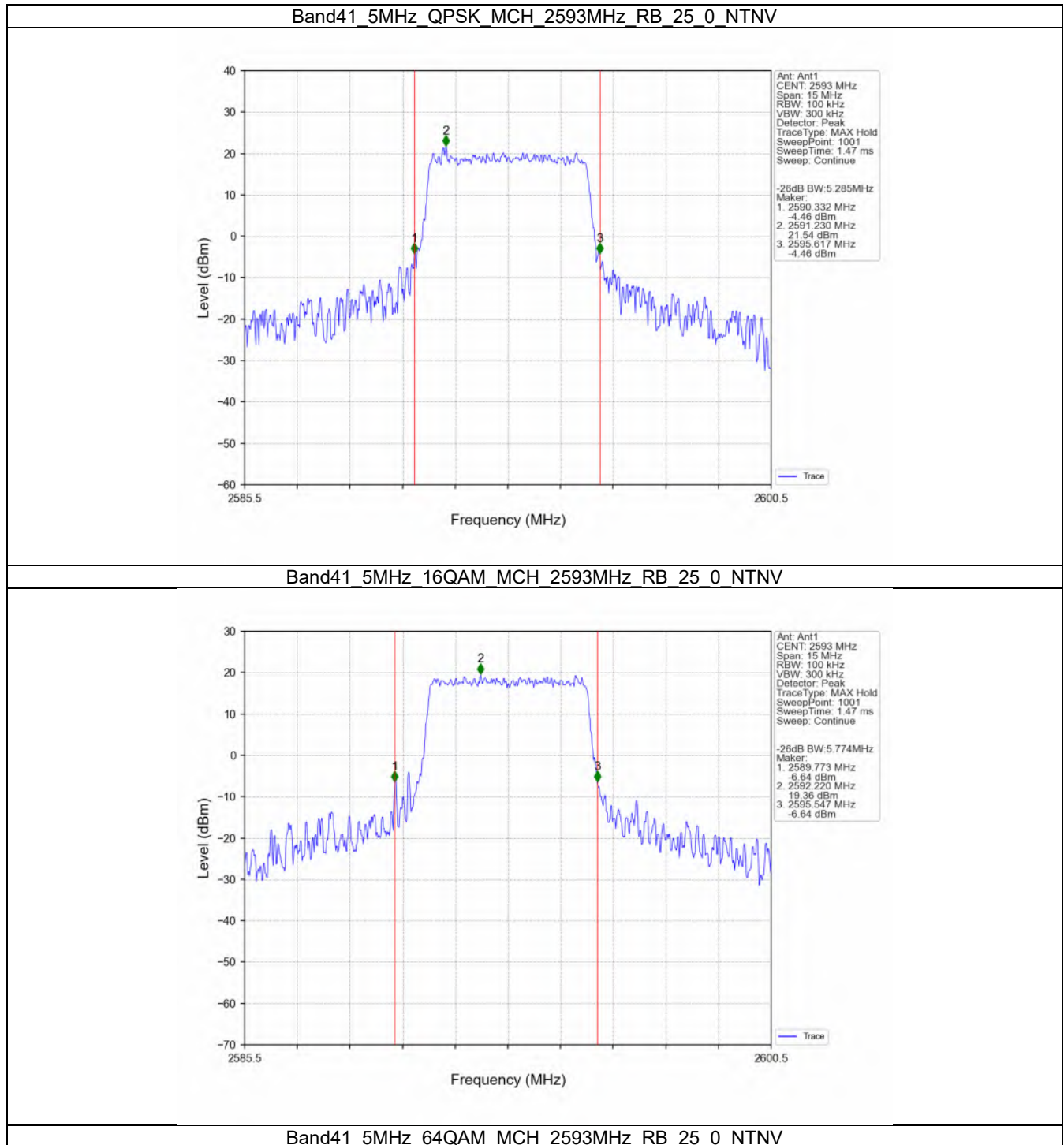
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV

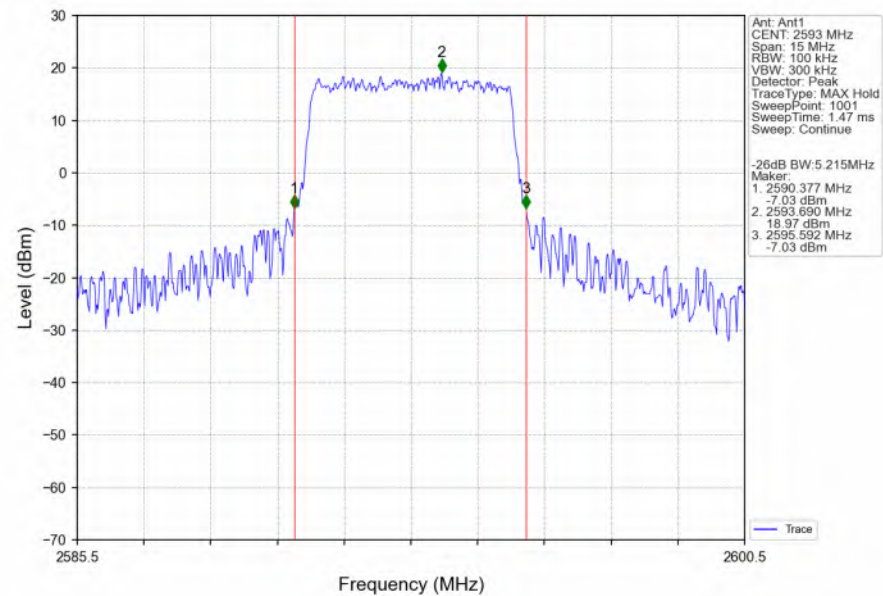


Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV

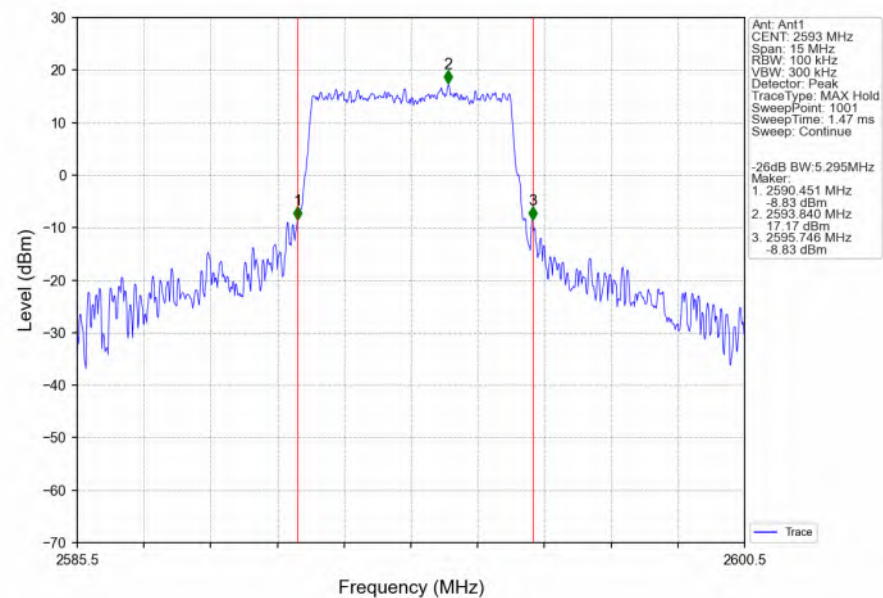


3.2.2 Band41_XDB

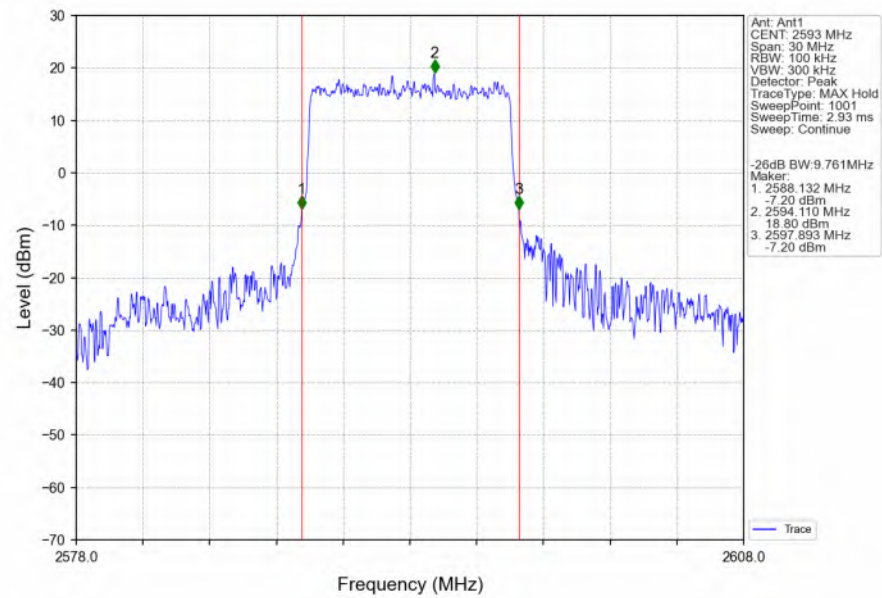




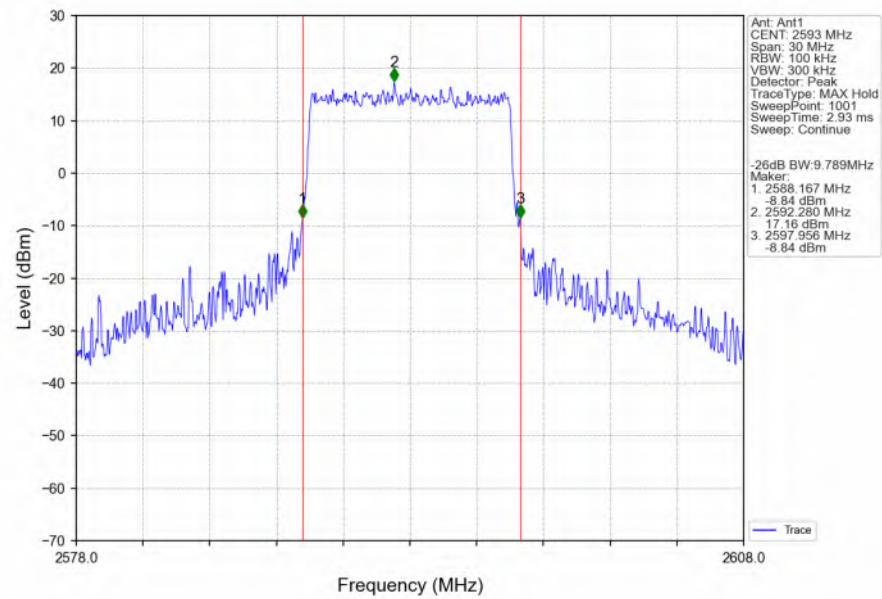
Band41_5MHz_256QAM_MCH_2593MHz_RB_25_0_NTNV



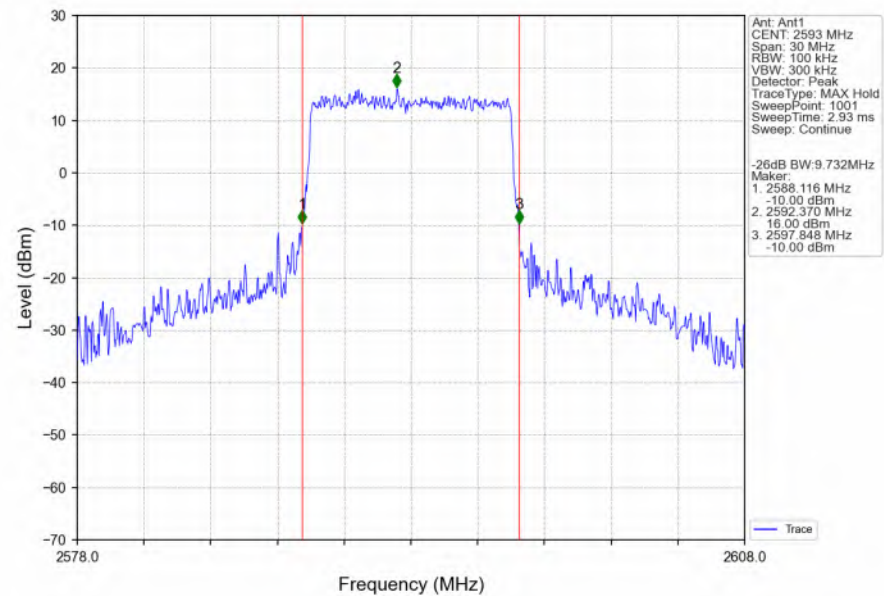
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



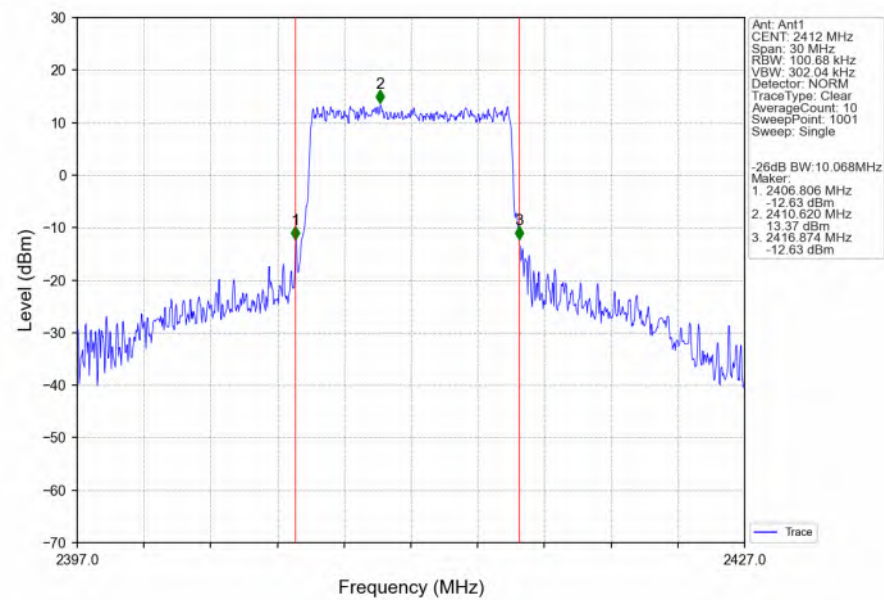
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



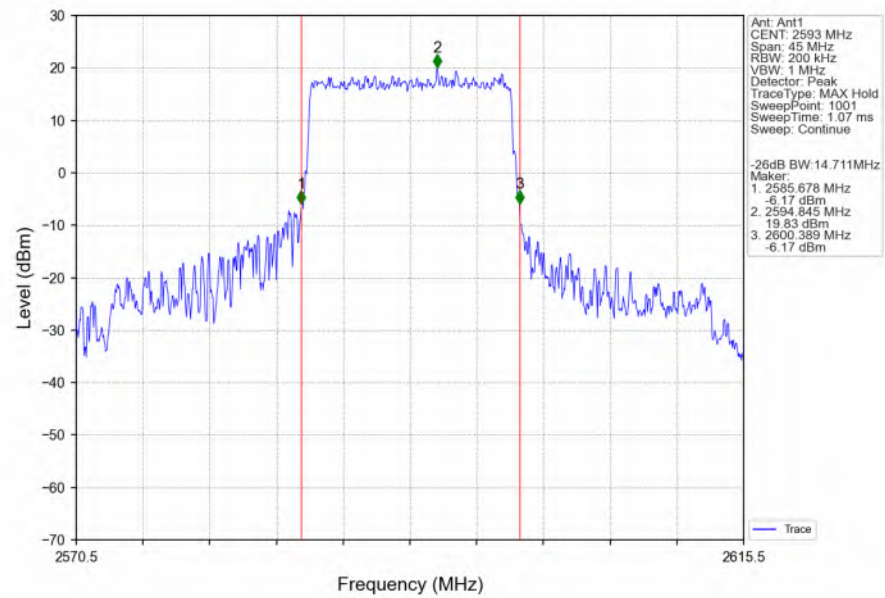
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



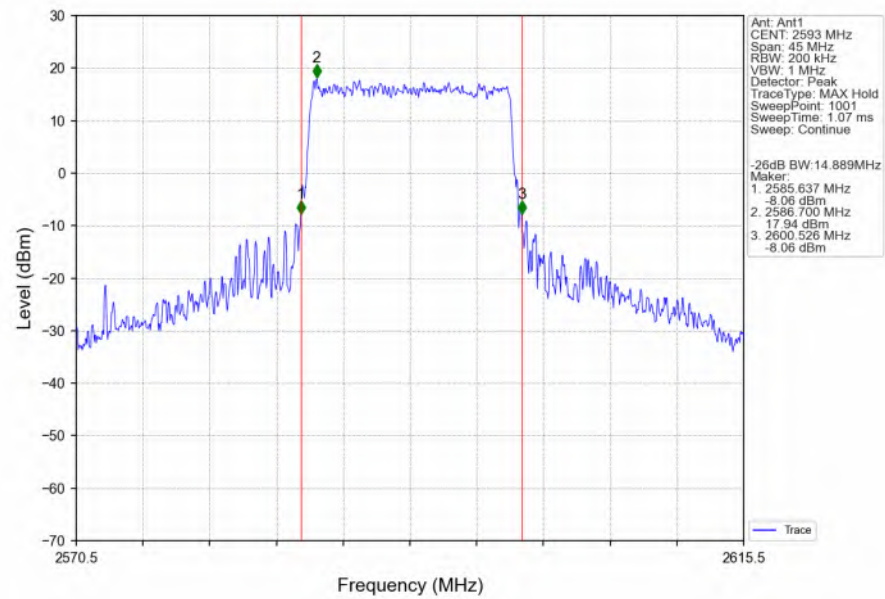
Band41_10MHz_256QAM_MCH_2593MHz_RB_50_0_NTNV



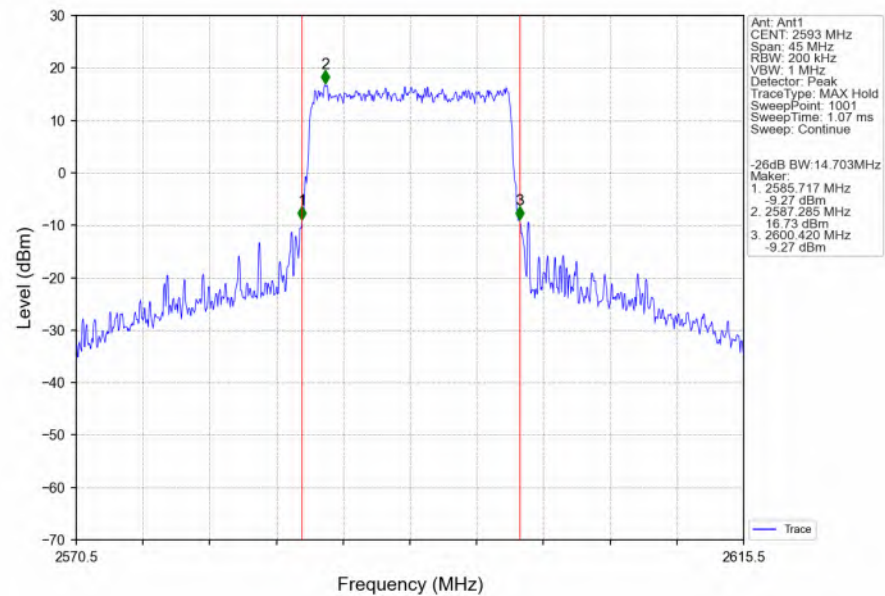
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



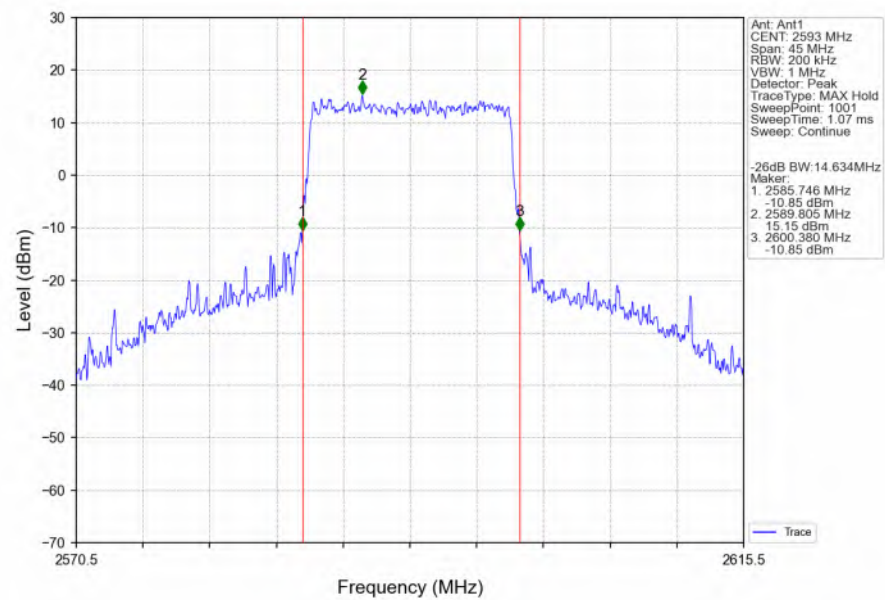
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



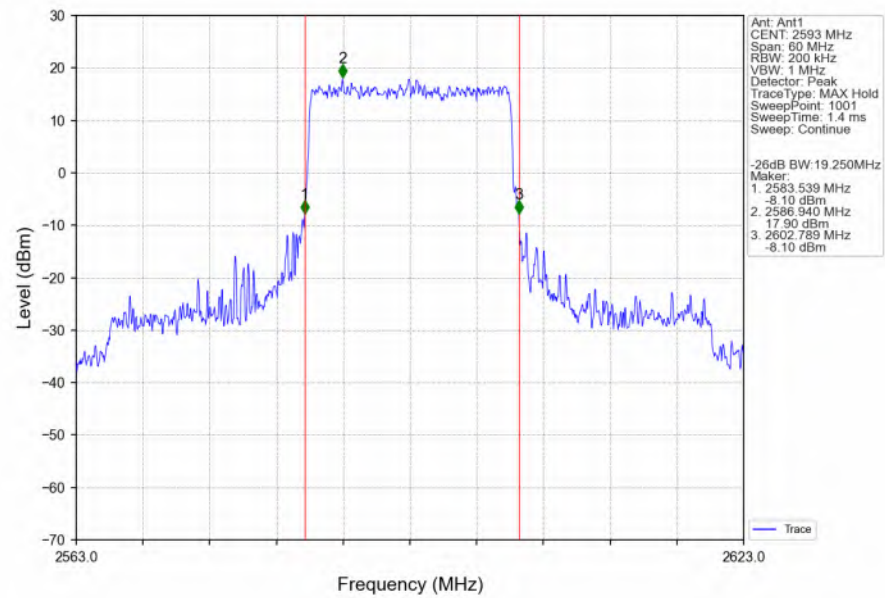
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



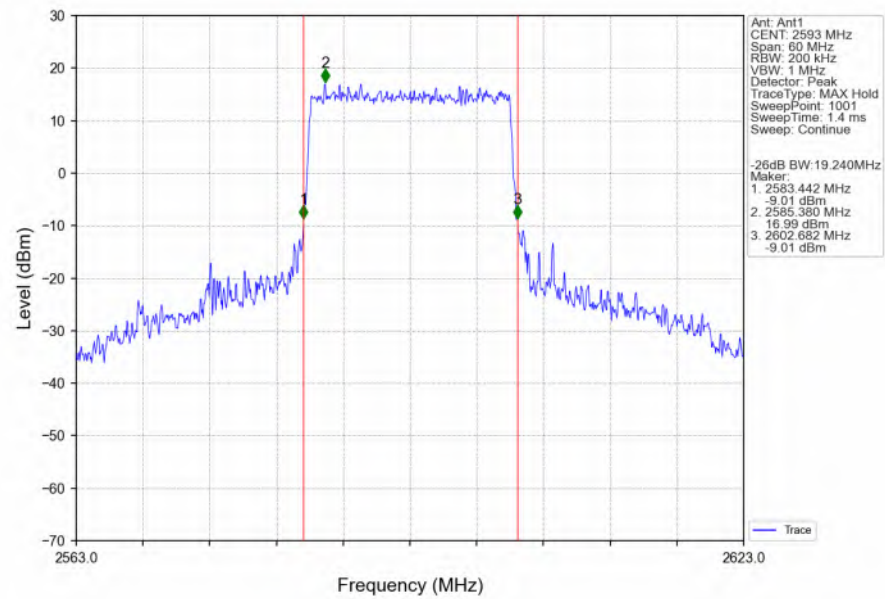
Band41_15MHz_256QAM_MCH_2593MHz_RB_75_0_NTNV



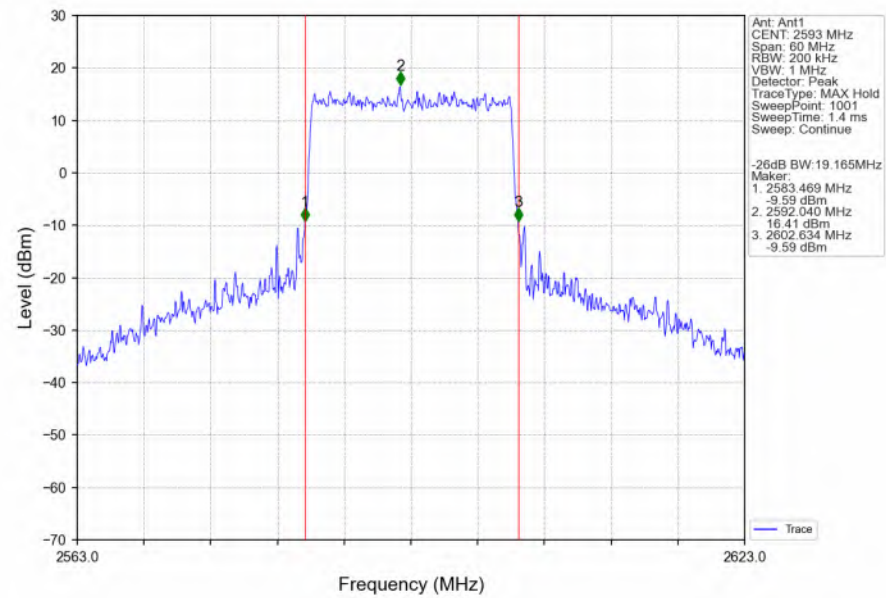
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



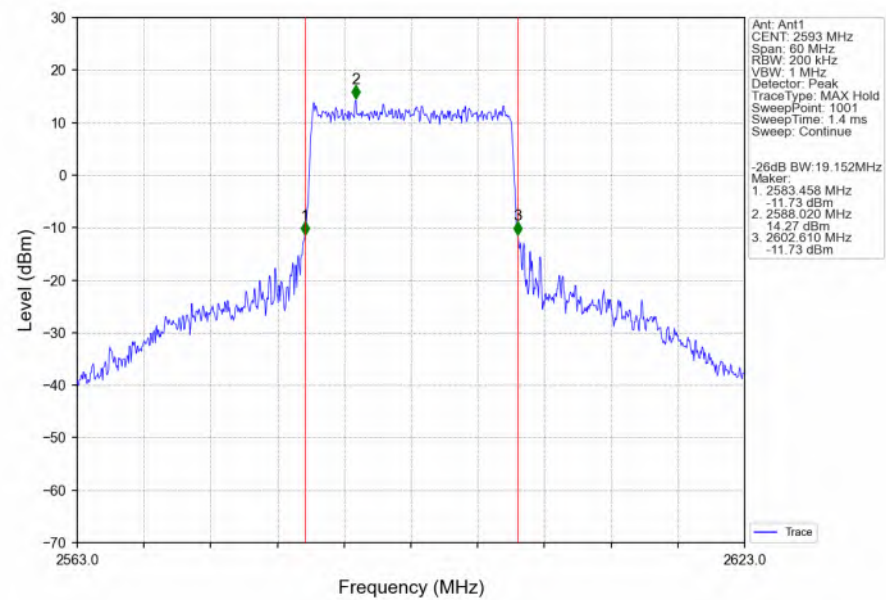
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

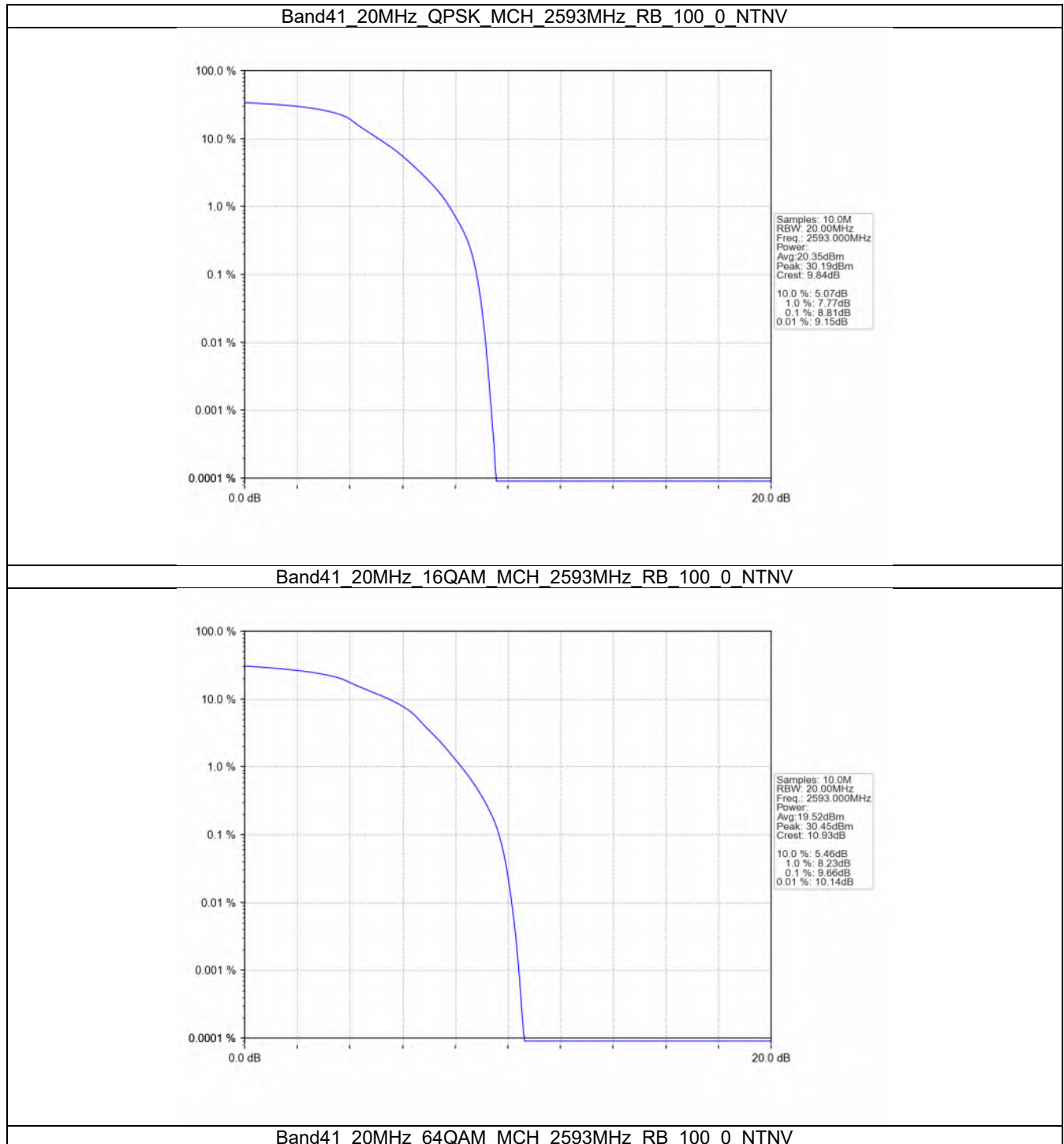
4.1 Test Result

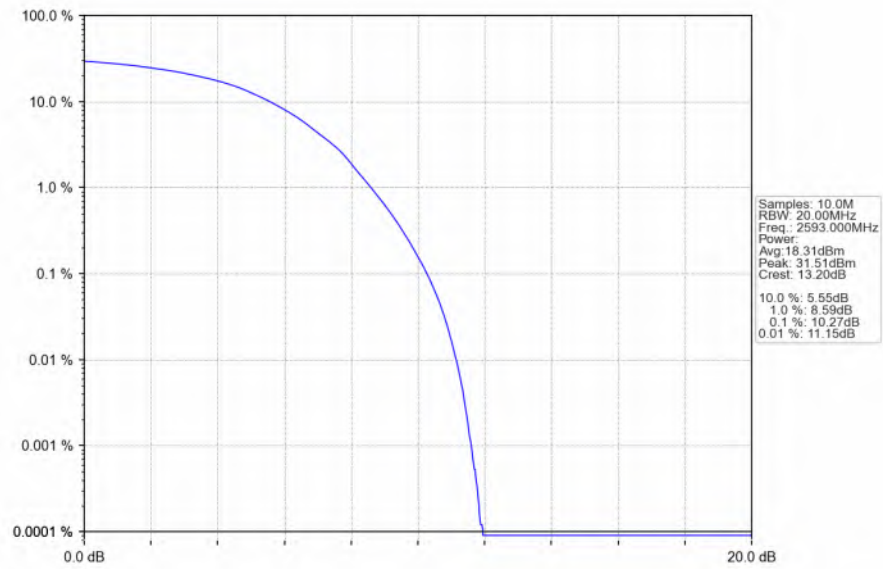
4.1.1 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	8.81	<=13	Pass
16QAM	2593	100	0	9.66	<=13	Pass
64QAM	2593	100	0	10.27	<=13	Pass
256QAM	2593	100	0	10.67	<=13	Pass

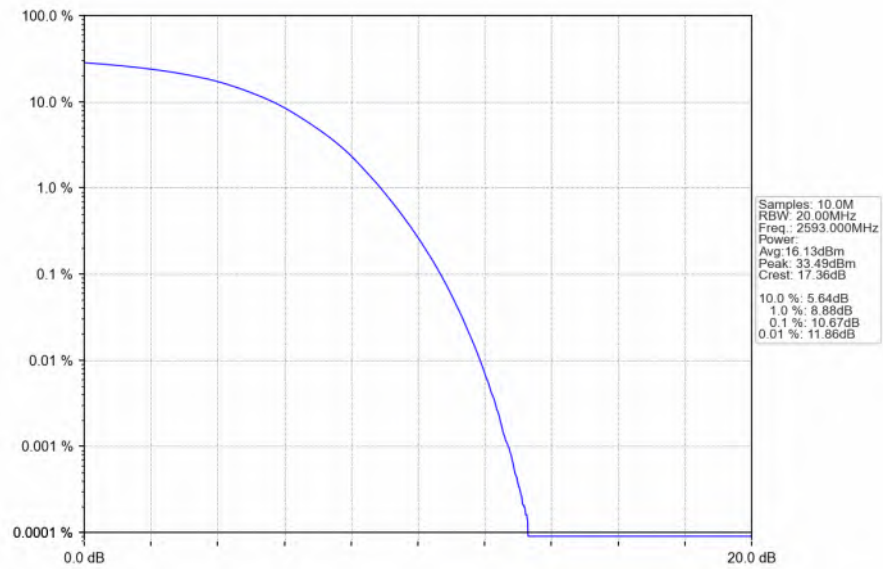
4.2 Test Graph

4.2.1 B41_20MHz





Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

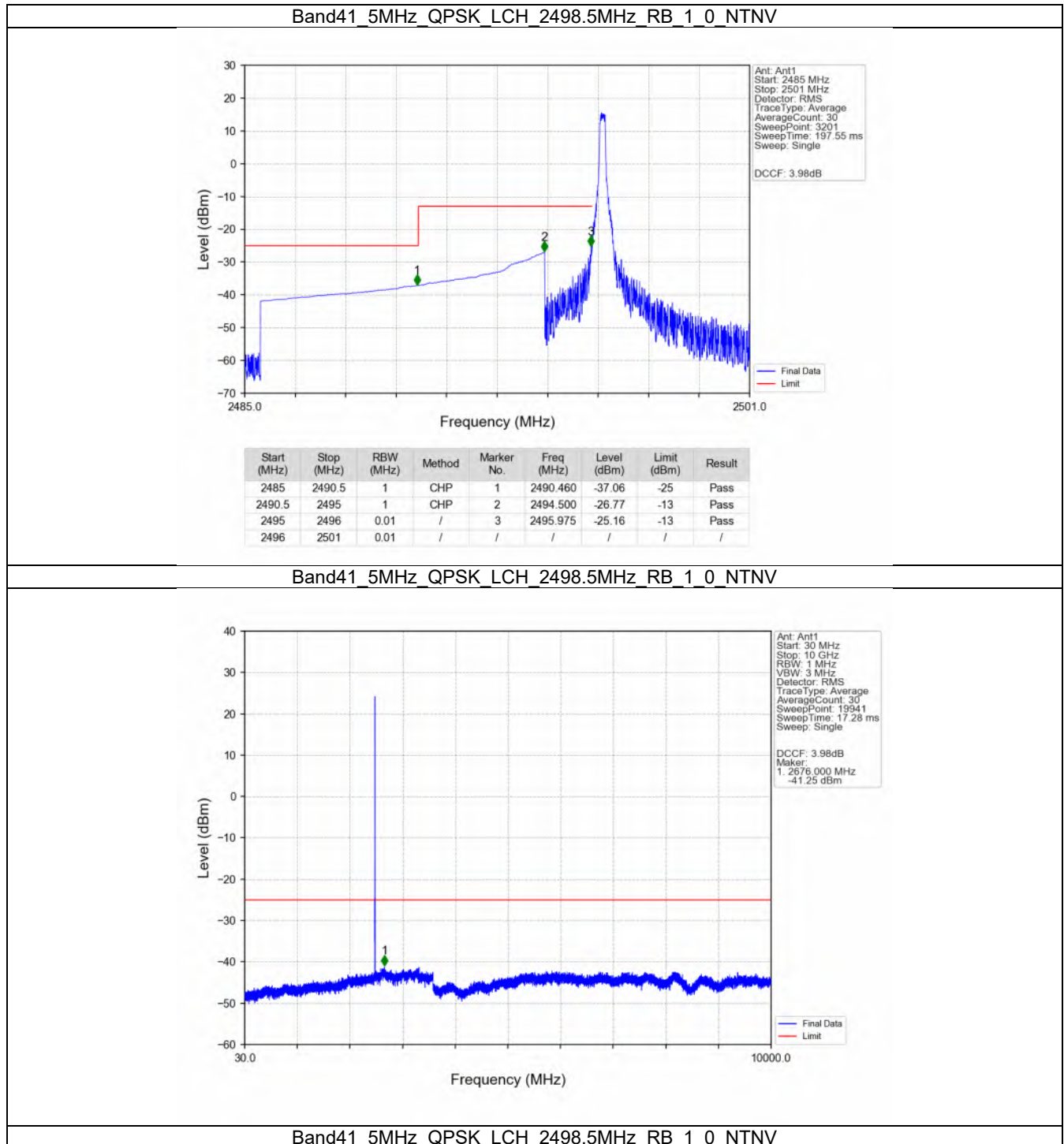
5.1.4 B41_20MHz

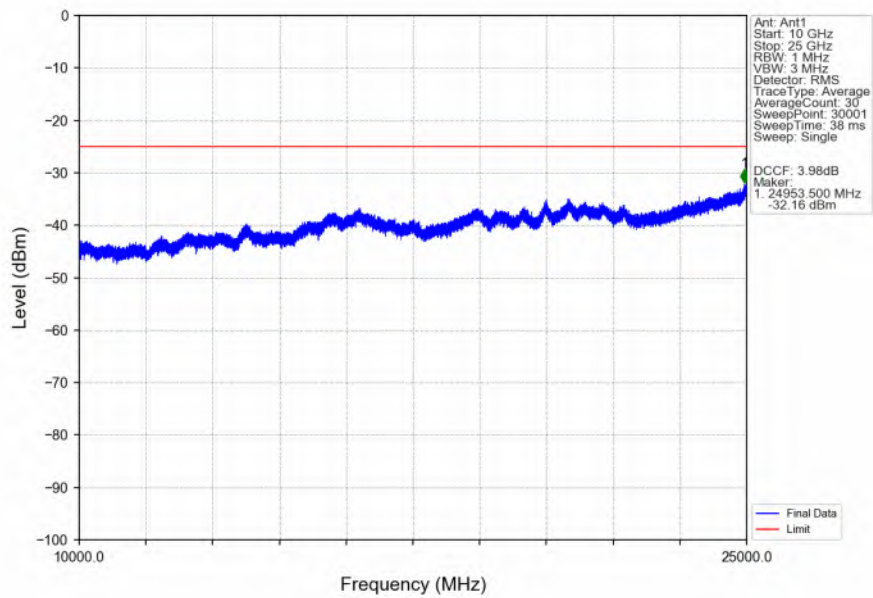
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass

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

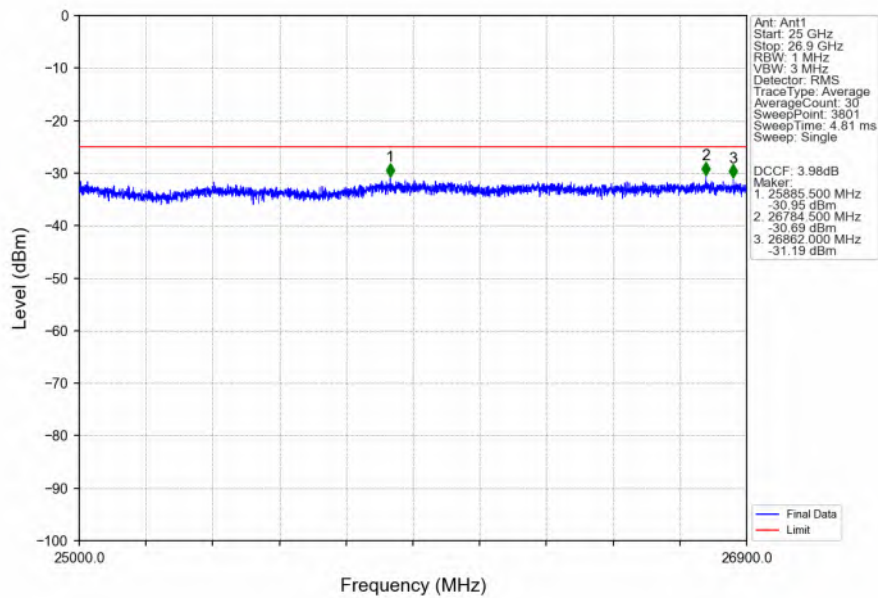
5.2 Test Graph

5.2.1 B41_5MHz

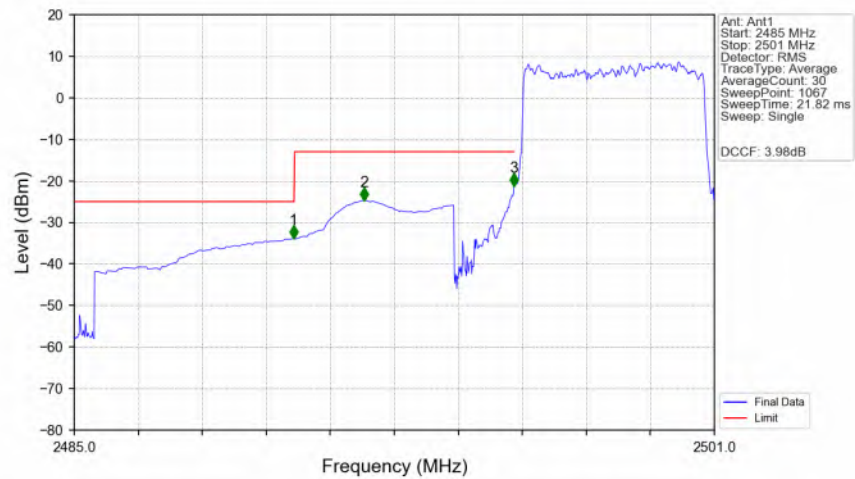




Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTV

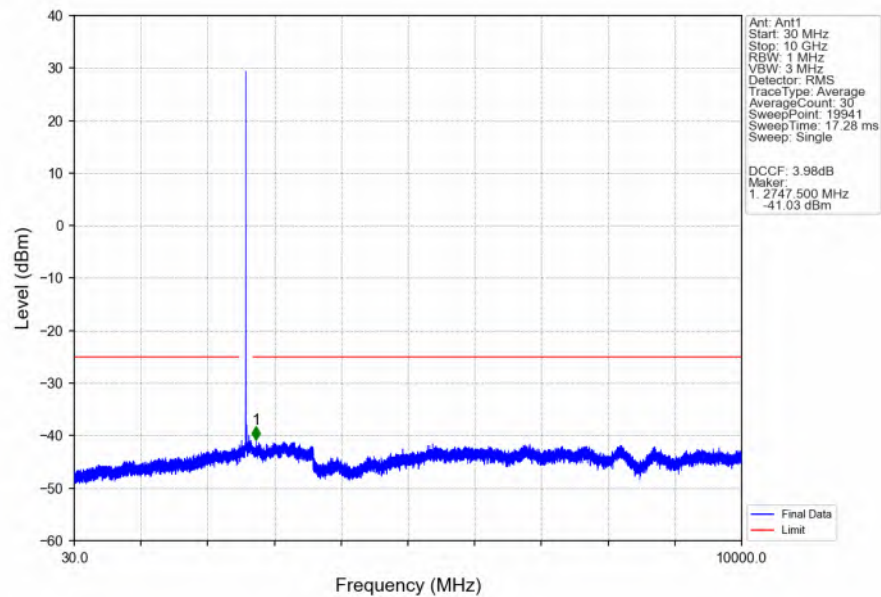


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

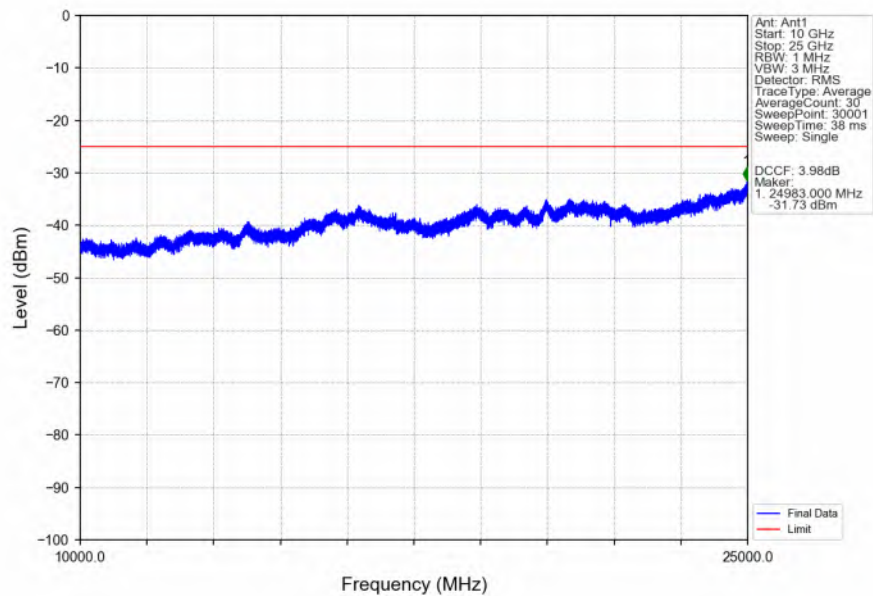


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.478	-33.91	-25	Pass
2490.5	2495	1	CHP	2	2492.250	-24.67	-13	Pass
2495	2496	0.053	CHP	3	2495.987	-21.34	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

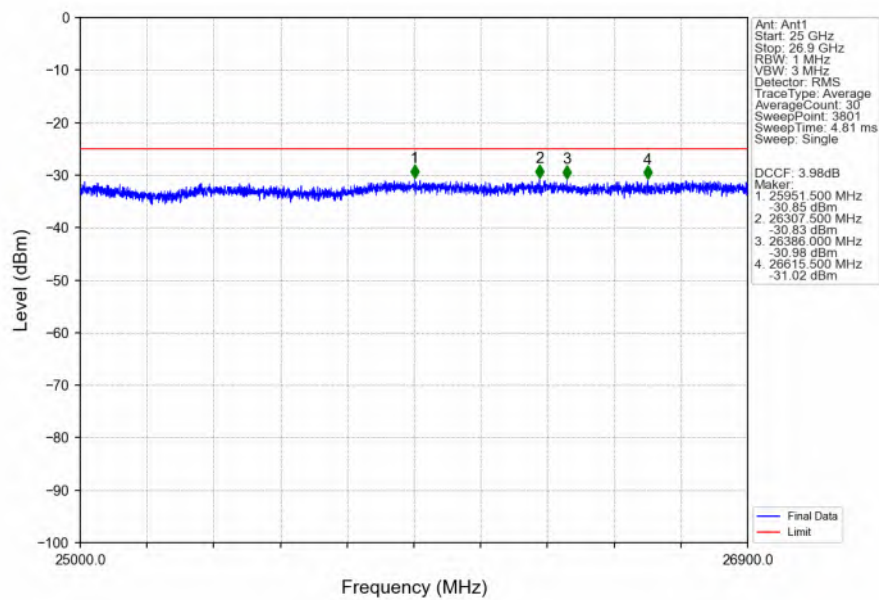
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



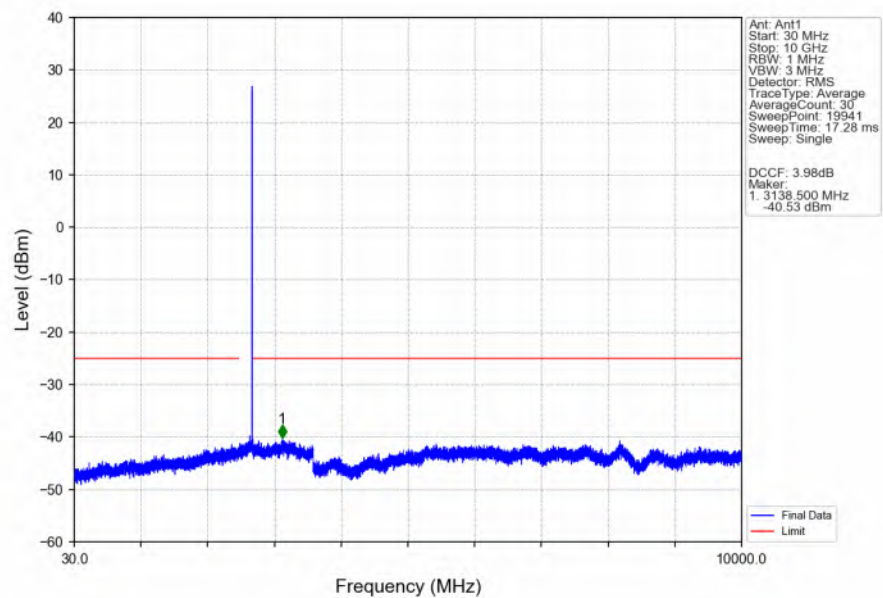
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



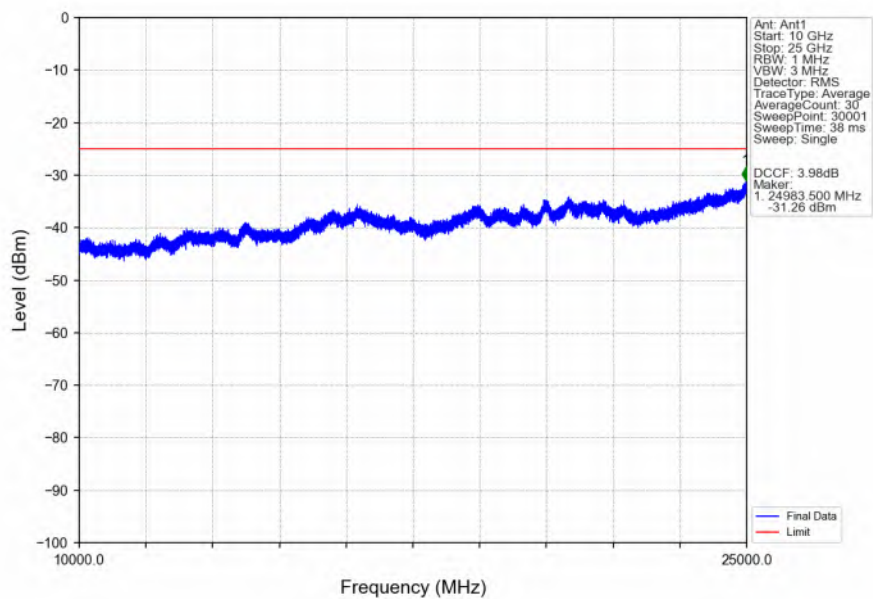
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



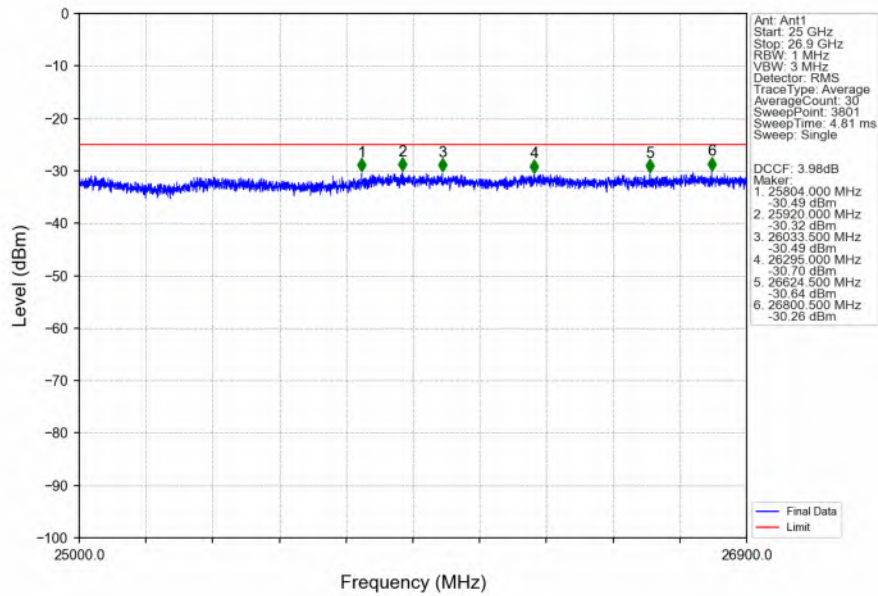
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



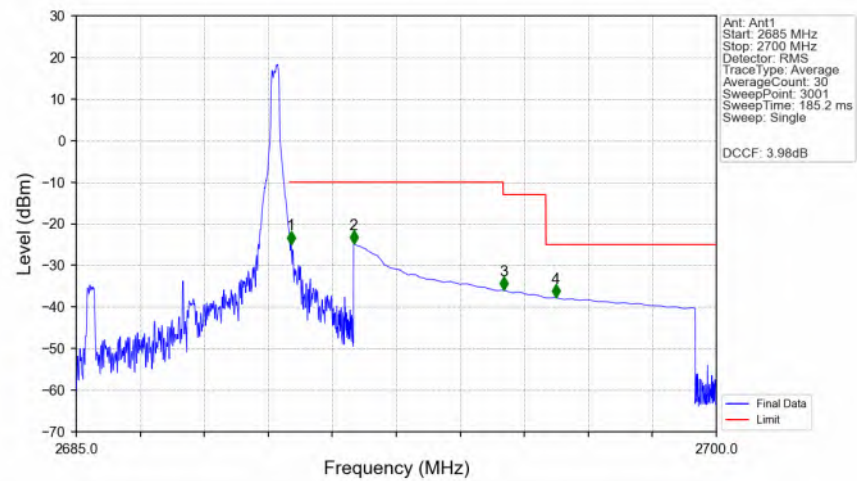
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



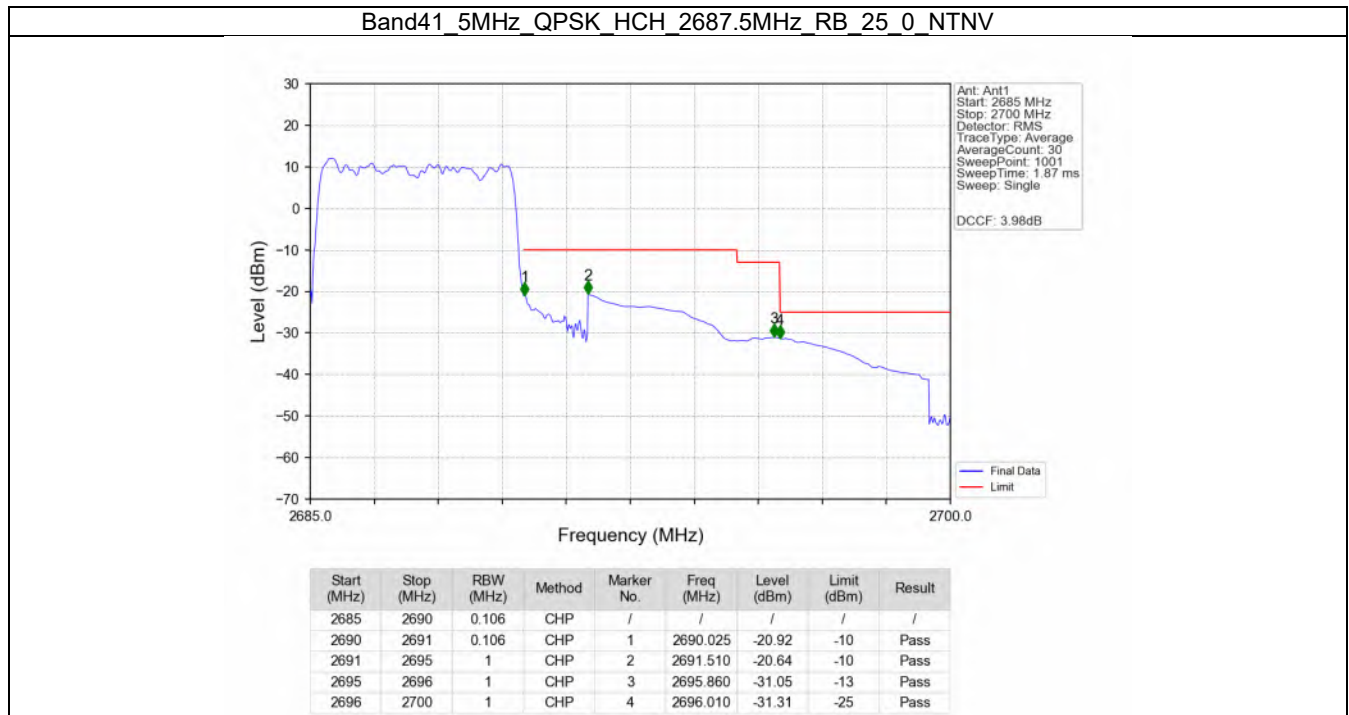
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV

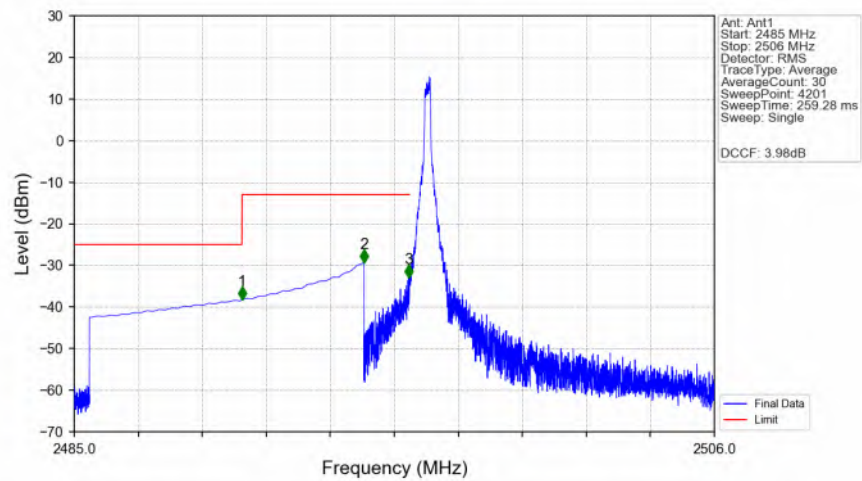


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.035	-24.86	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.79	-10	Pass
2695	2696	1	CHP	3	2695.020	-35.96	-13	Pass
2696	2700	1	CHP	4	2696.235	-37.64	-25	Pass



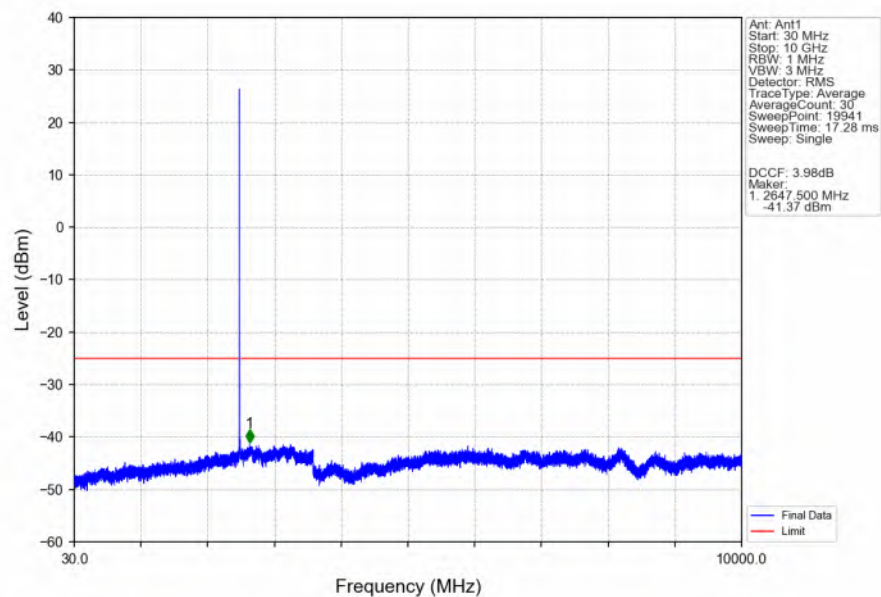
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

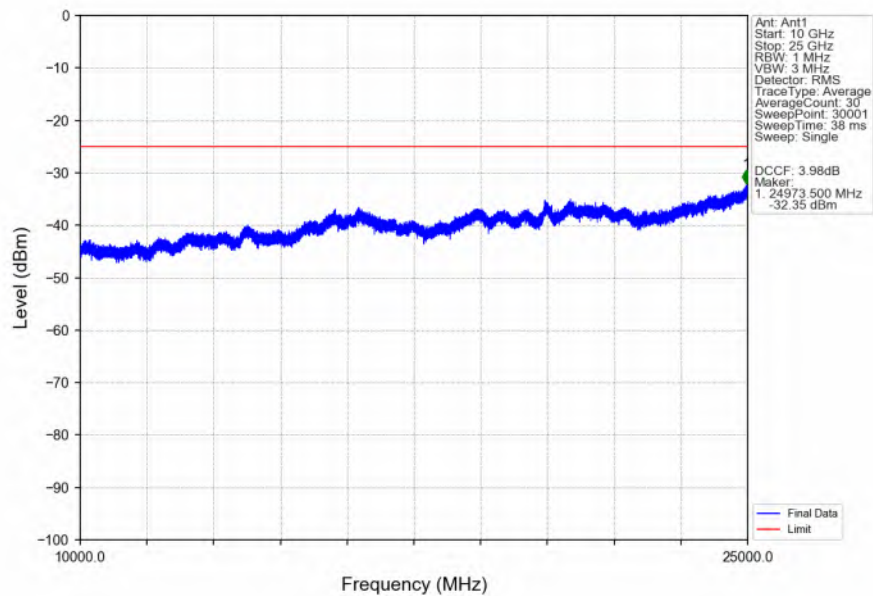


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-38.31	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-29.25	-13	Pass
2495	2496	0.01	/	3	2495.970	-32.96	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

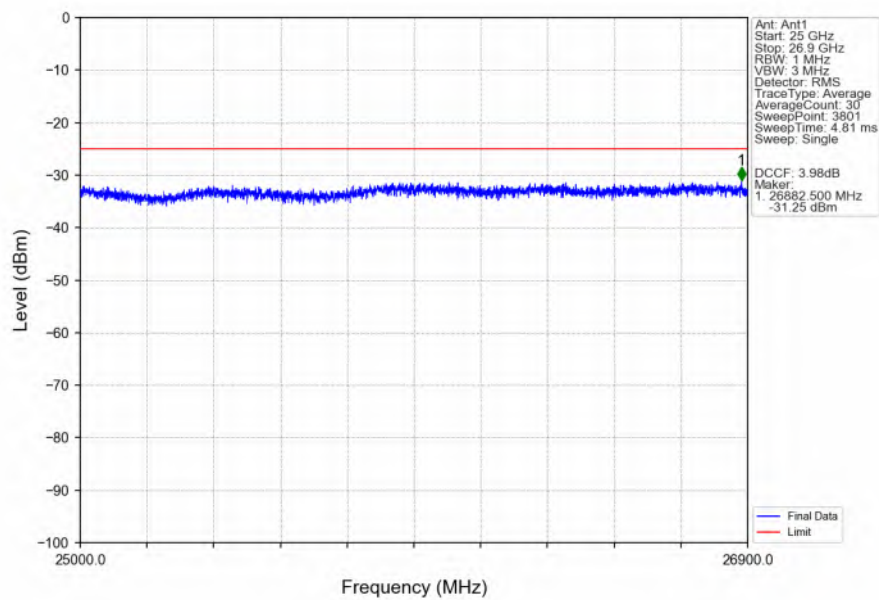
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



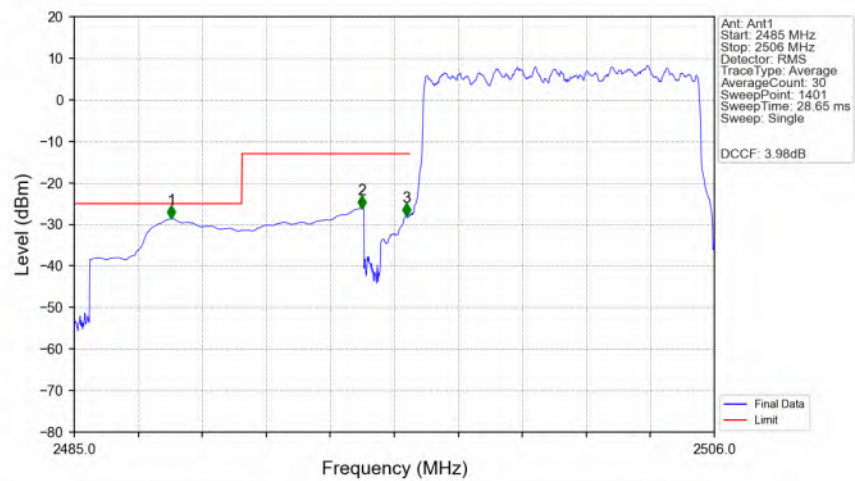
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

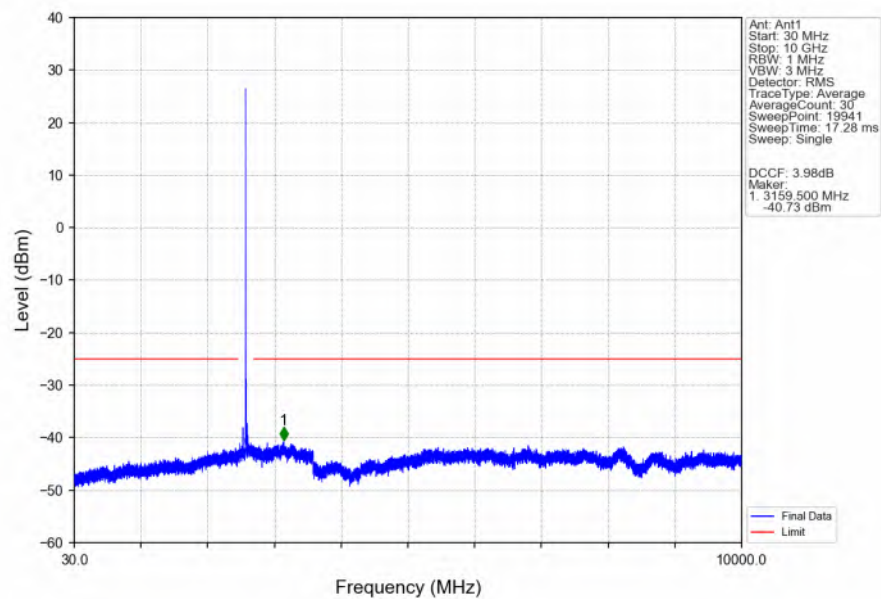


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

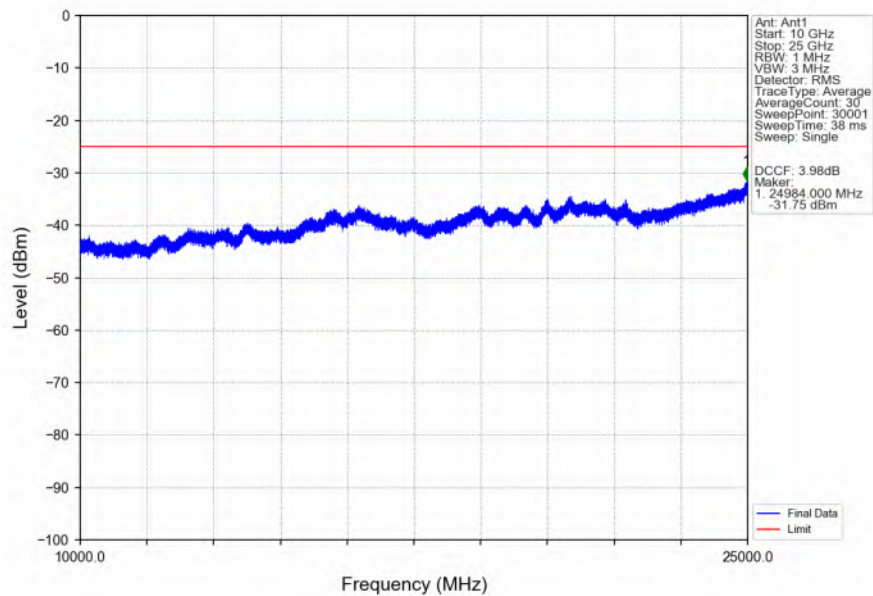


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.180	-28.61	-25	Pass
2490.5	2495	1	CHP	2	2494.435	-26.13	-13	Pass
2495	2496	0.098	CHP	3	2495.890	-27.99	-13	Pass
2496	2506	0.098	CHP	/	/	/	/	/

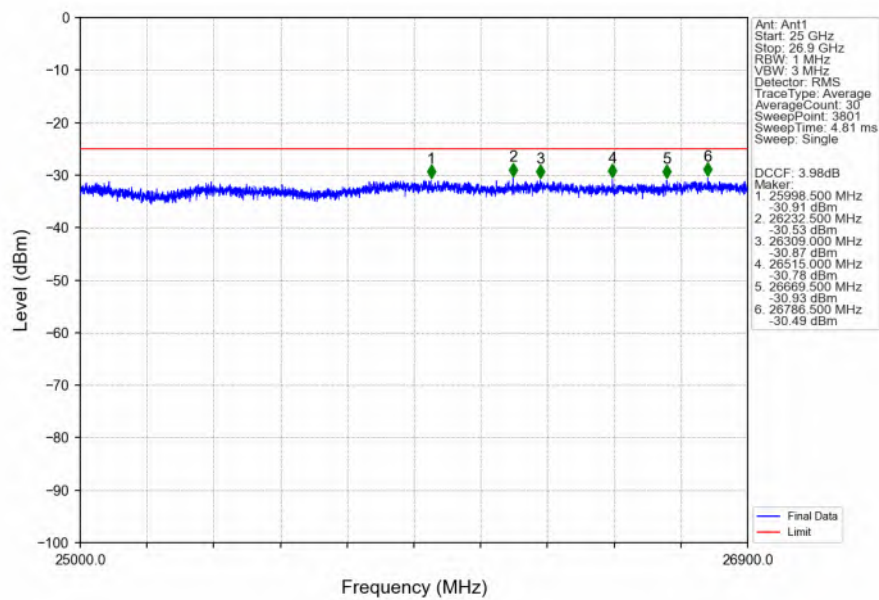
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



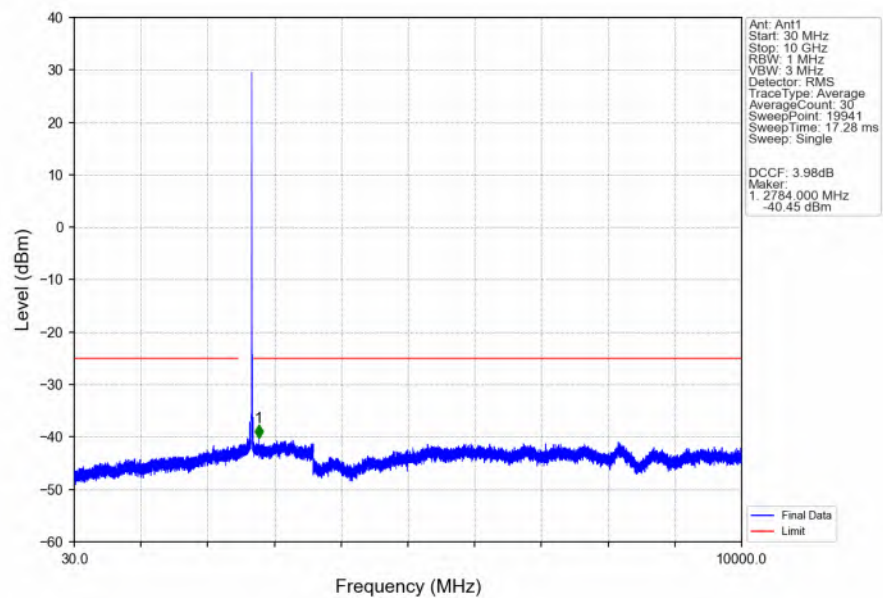
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



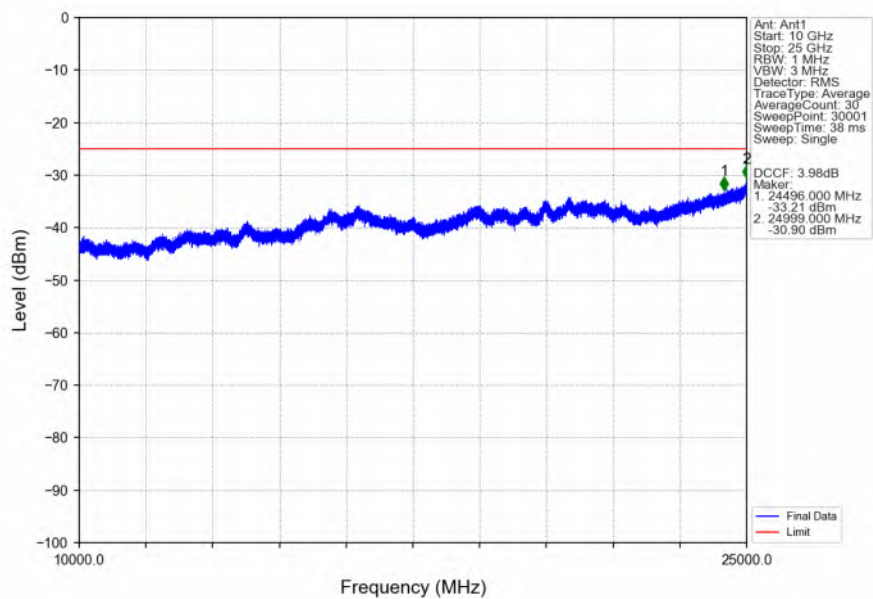
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTV



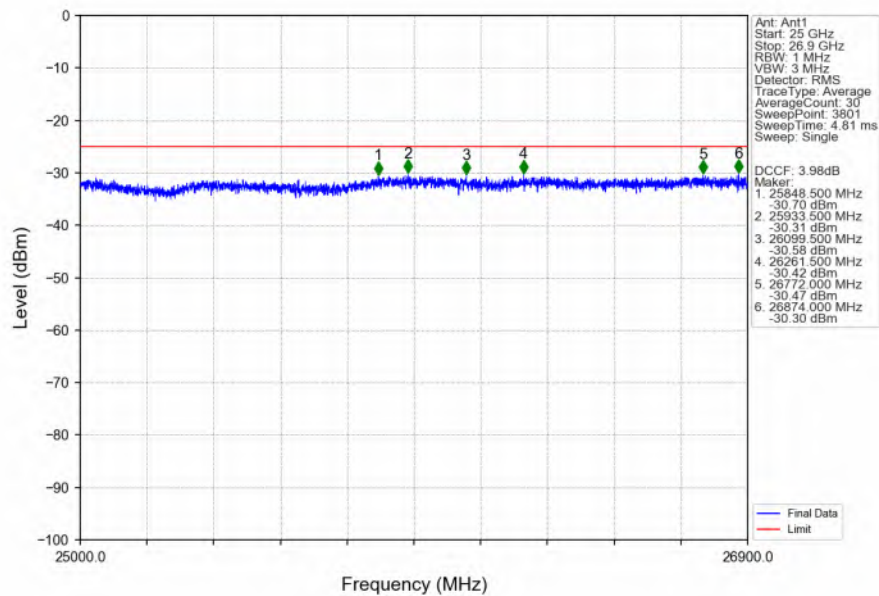
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



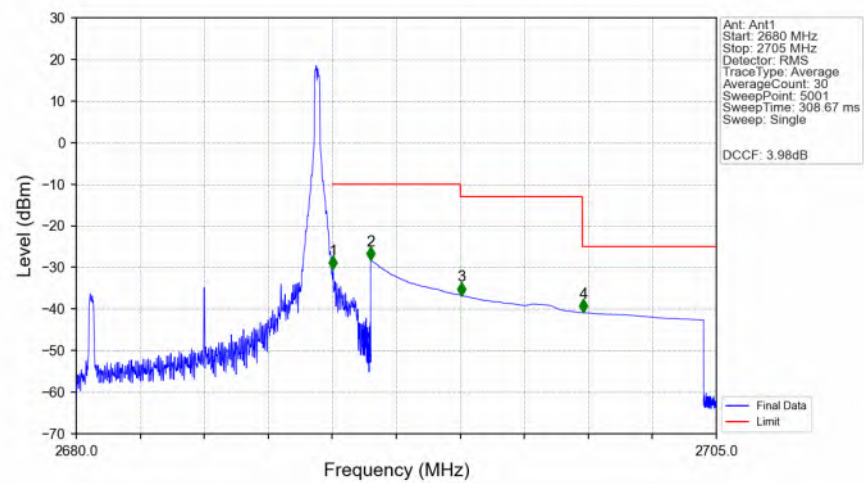
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

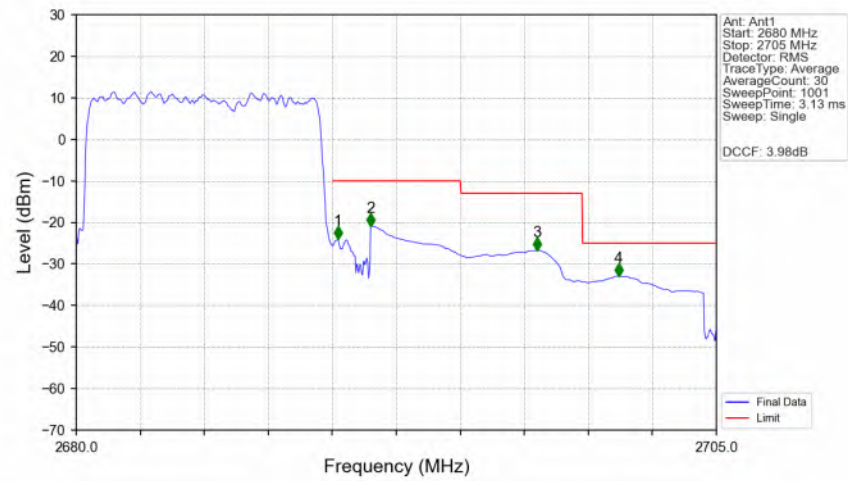


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



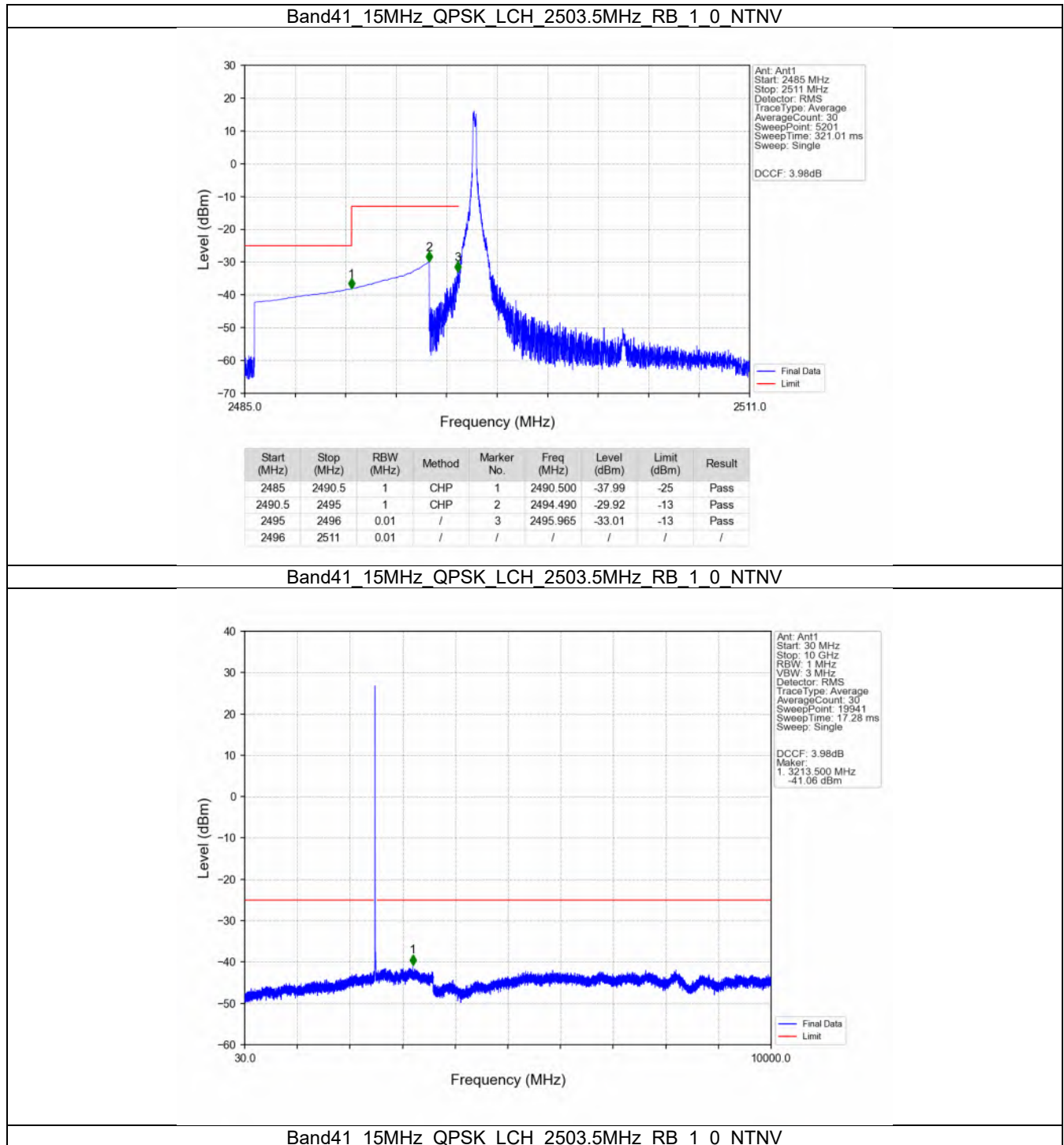
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.025	-30.34	-10	Pass
2691	2695	1	CHP	2	2691.500	-28.20	-10	Pass
2695	2699.761	1	CHP	3	2695.030	-36.70	-13	Pass
2699.761	2705	1	CHP	4	2699.805	-40.88	-25	Pass

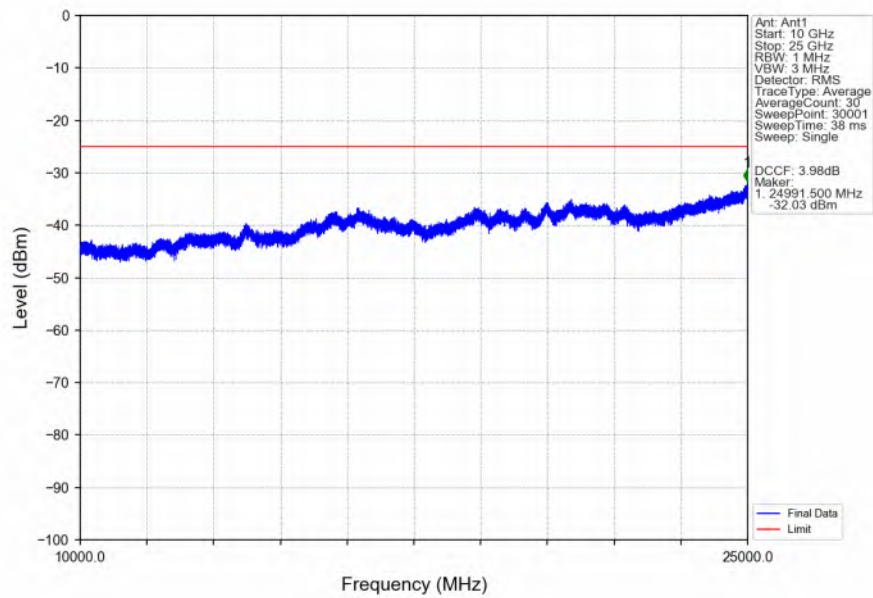
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



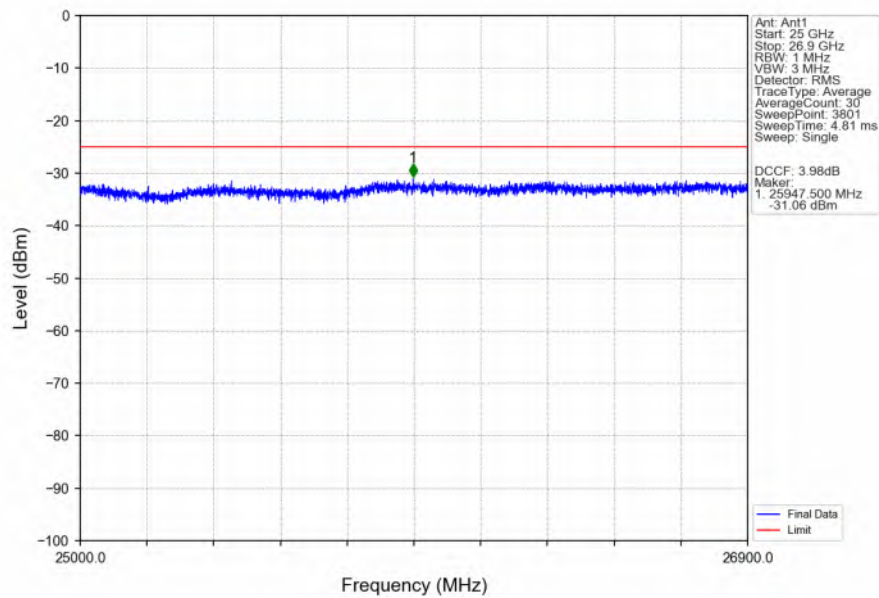
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.195	CHP	/	/	/	/	/
2690	2691	0.195	CHP	1	2690.225	-24.11	-10	Pass
2691	2695	1	CHP	2	2691.500	-20.88	-10	Pass
2695	2699.761	1	CHP	3	2698.000	-26.69	-13	Pass
2699.761	2705	1	CHP	4	2701.175	-32.93	-25	Pass

5.2.3 B41_15MHz

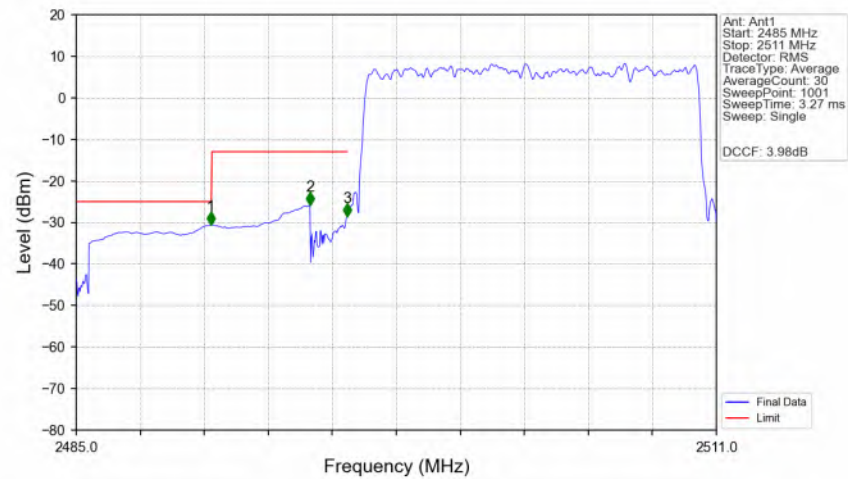




Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

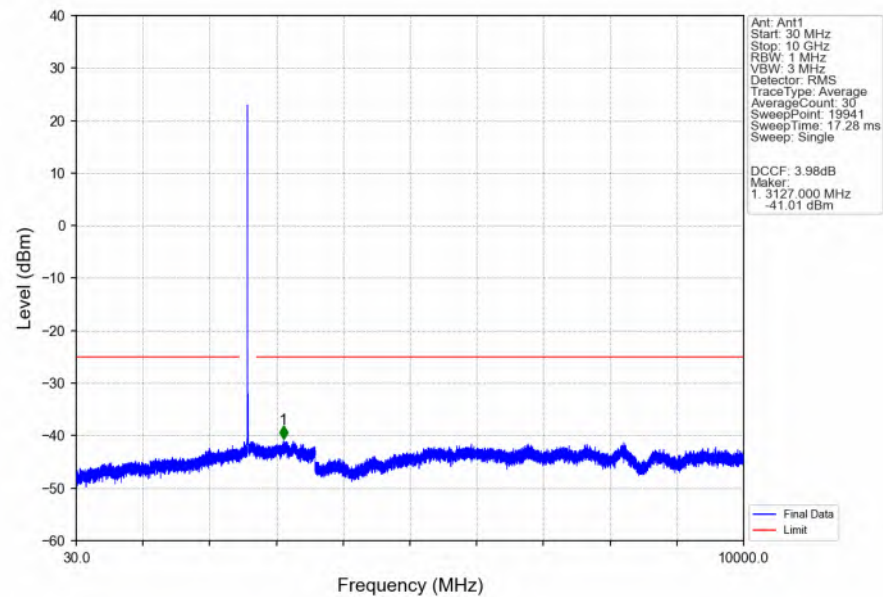


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

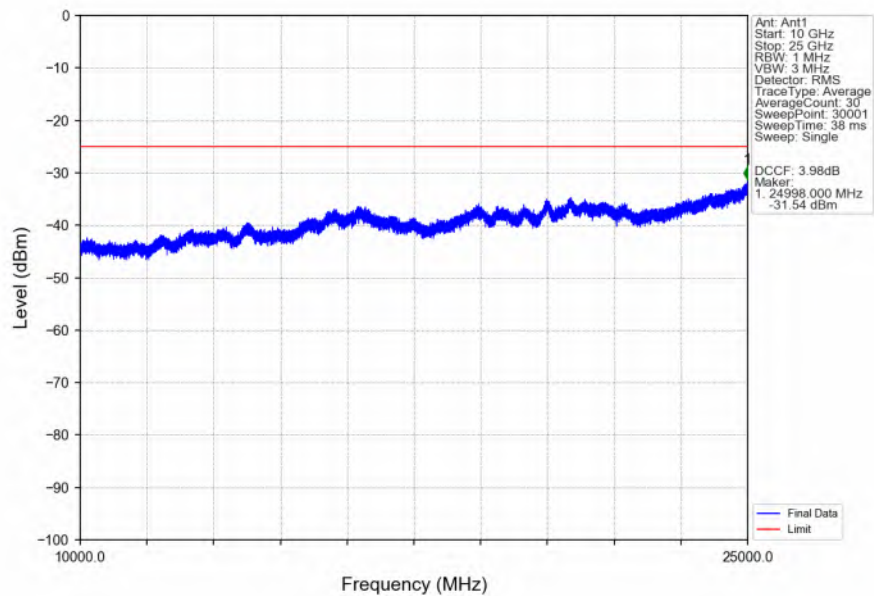


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-30.66	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-25.92	-13	Pass
2495	2496	0.147	CHP	3	2495.998	-28.58	-13	Pass
2496	2511	0.147	CHP	/	/	/	/	/

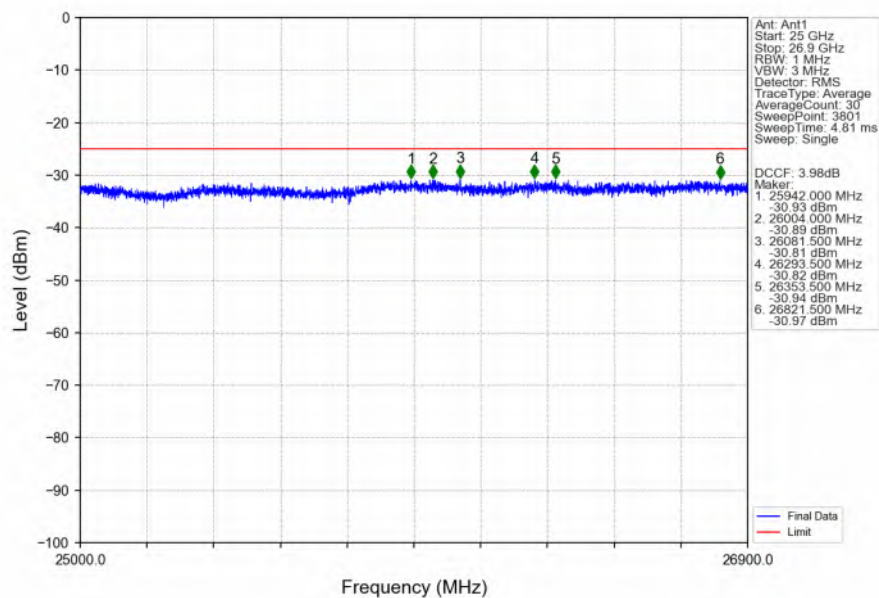
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



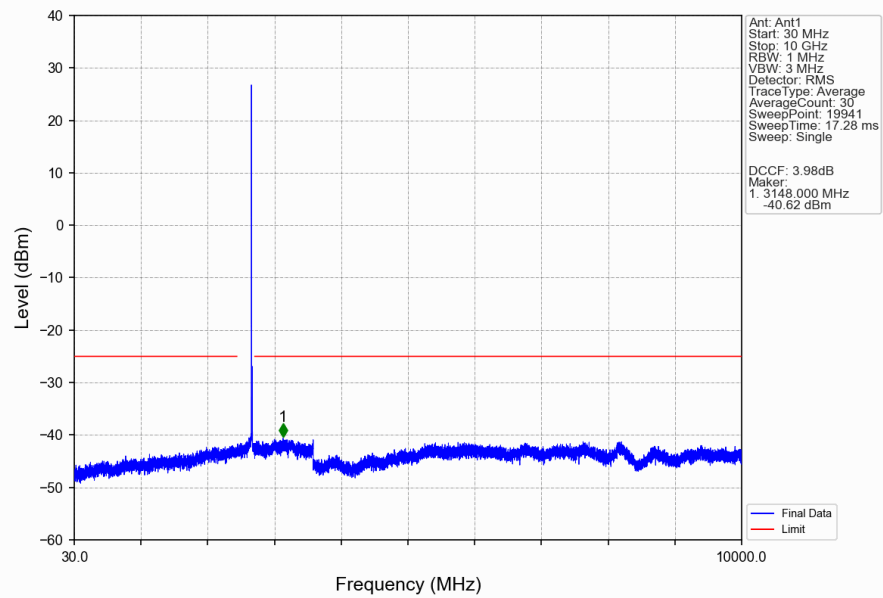
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



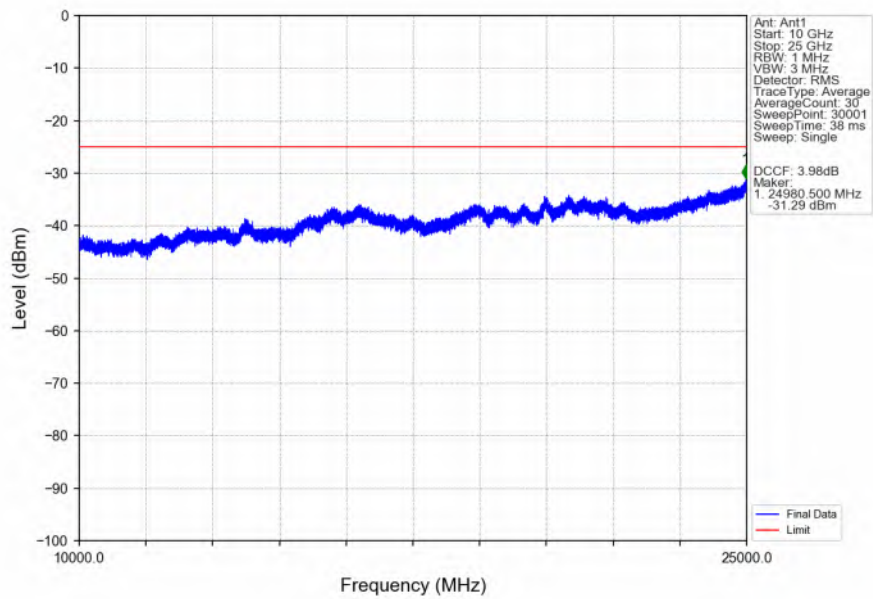
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTV



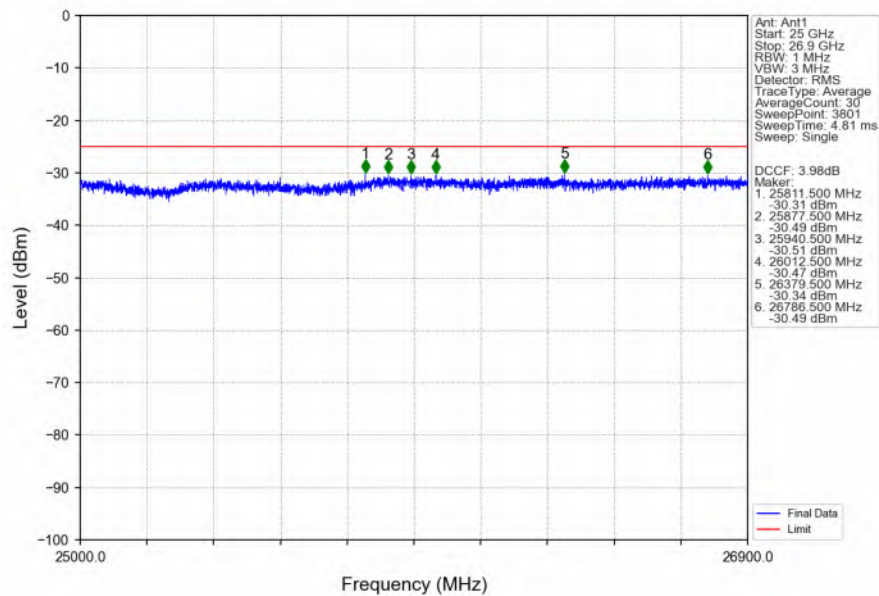
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



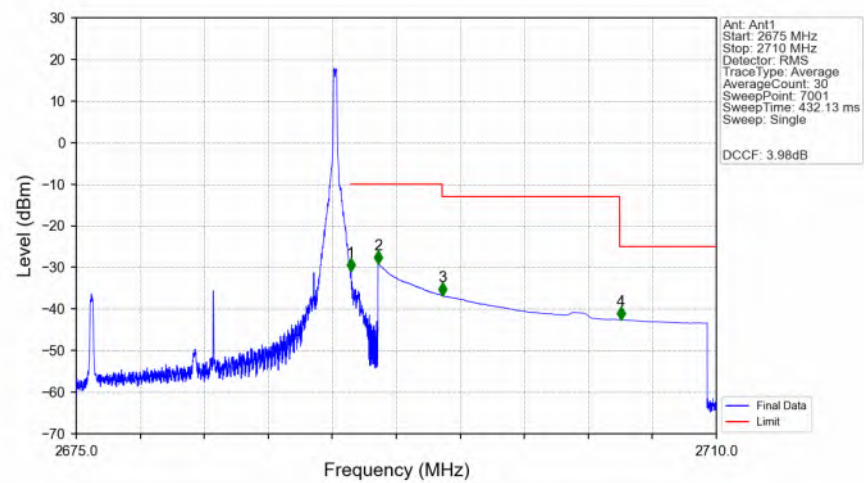
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

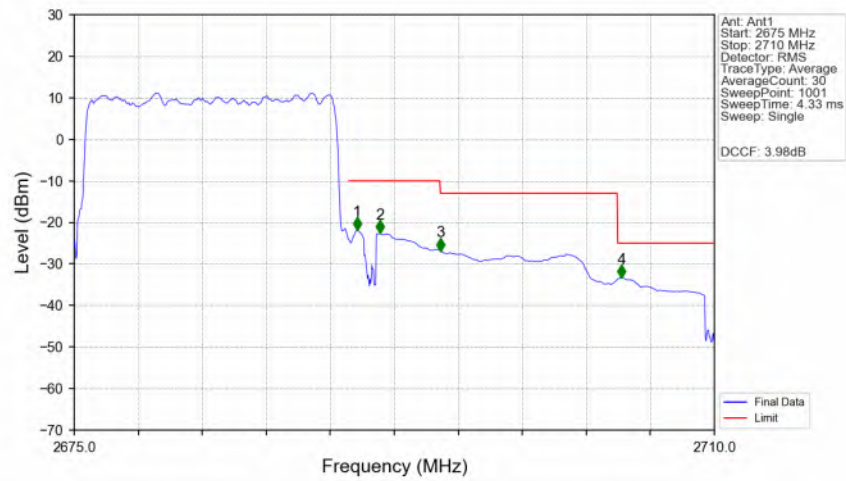


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.015	-31.01	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.10	-10	Pass
2695	2704.711	1	CHP	3	2695.020	-36.76	-13	Pass
2704.711	2710	1	CHP	4	2704.785	-42.54	-25	Pass

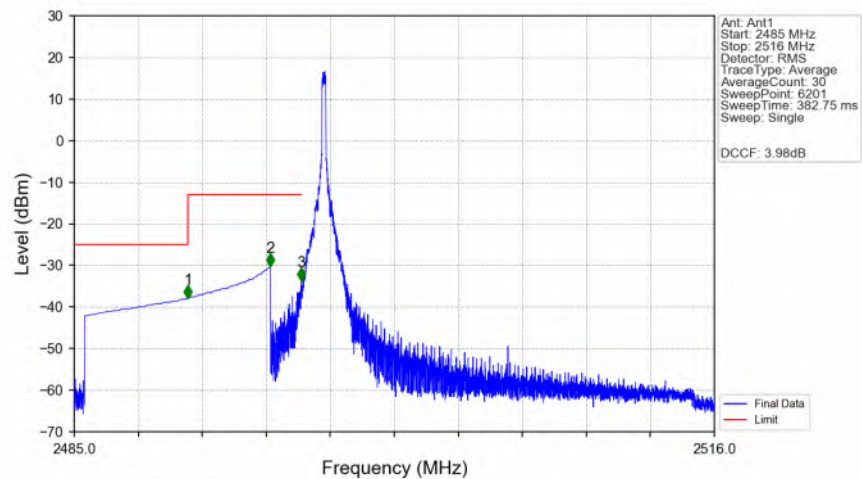
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.294	CHP	/	/	/	/	/
2690	2691	0.294	CHP	1	2690.470	-21.84	-10	Pass
2691	2695	1	CHP	2	2691.730	-22.67	-10	Pass
2695	2704.711	1	CHP	3	2695.020	-26.87	-13	Pass
2704.711	2710	1	CHP	4	2704.925	-33.34	-25	Pass

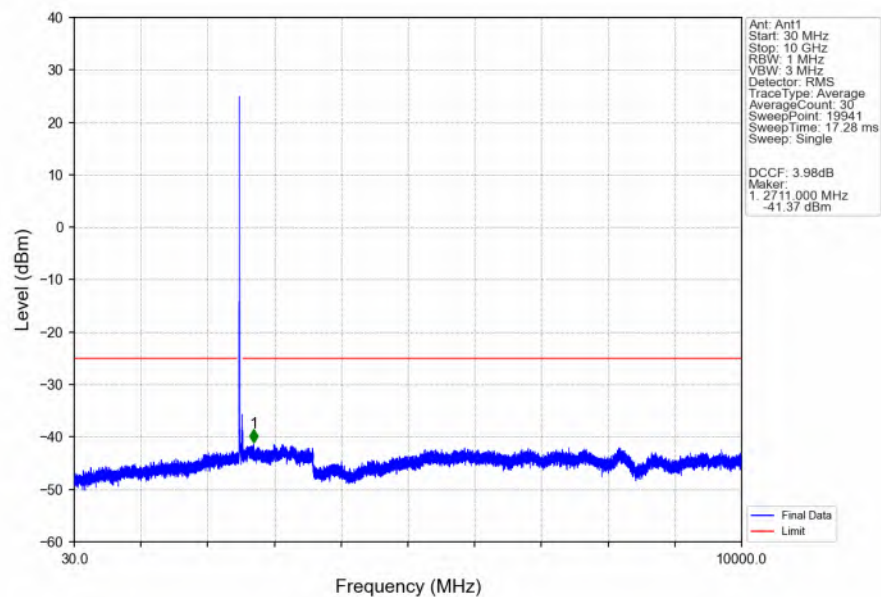
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

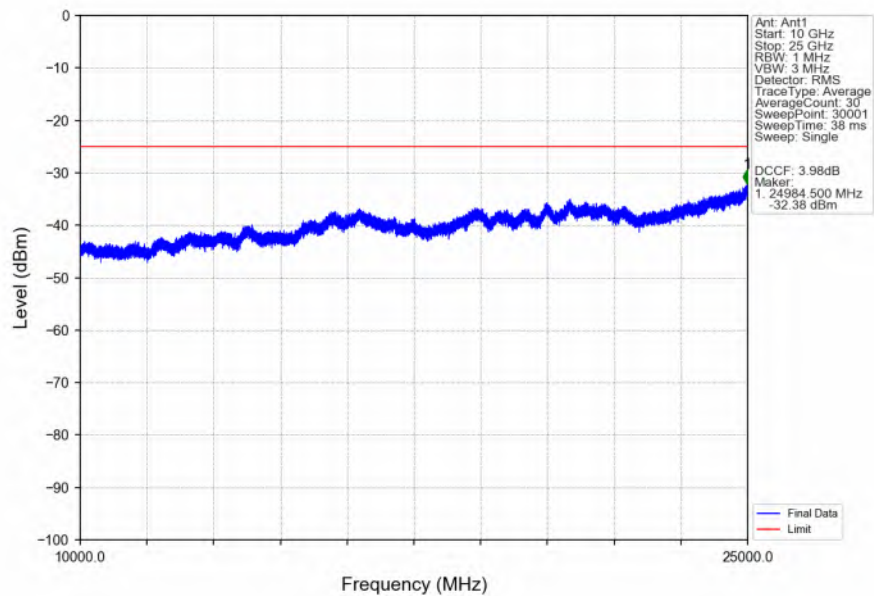


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-37.83	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-30.30	-13	Pass
2495	2496	0.01	/	3	2495.975	-33.66	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

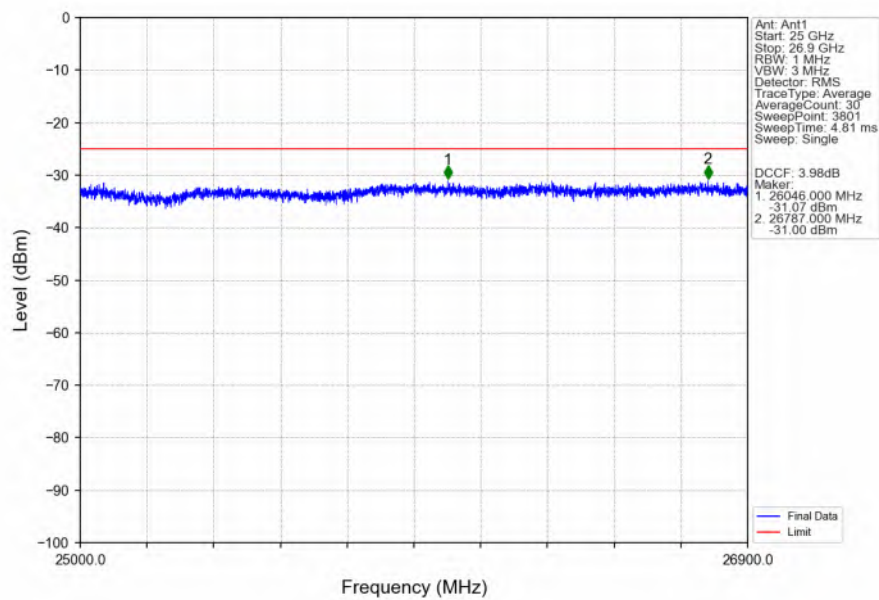
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



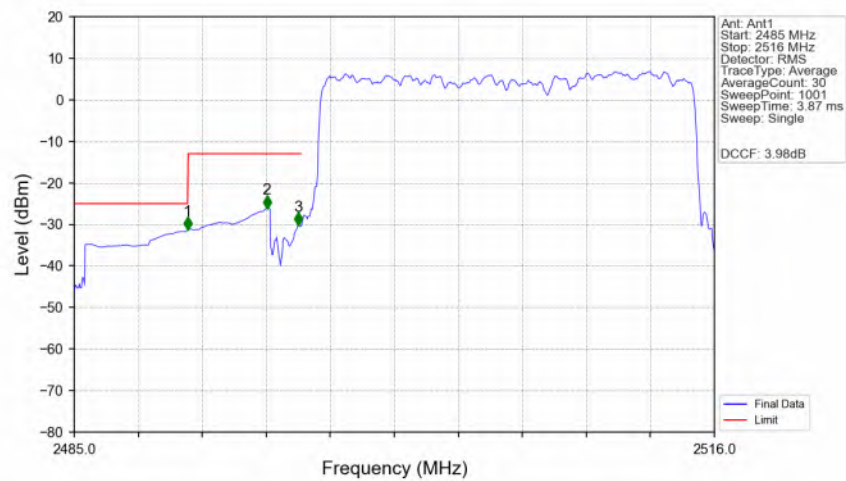
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

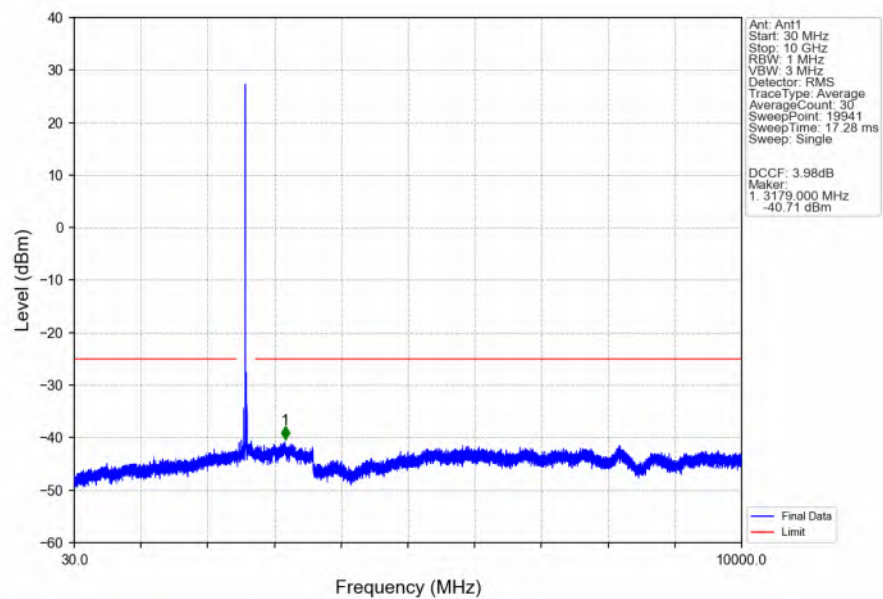


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

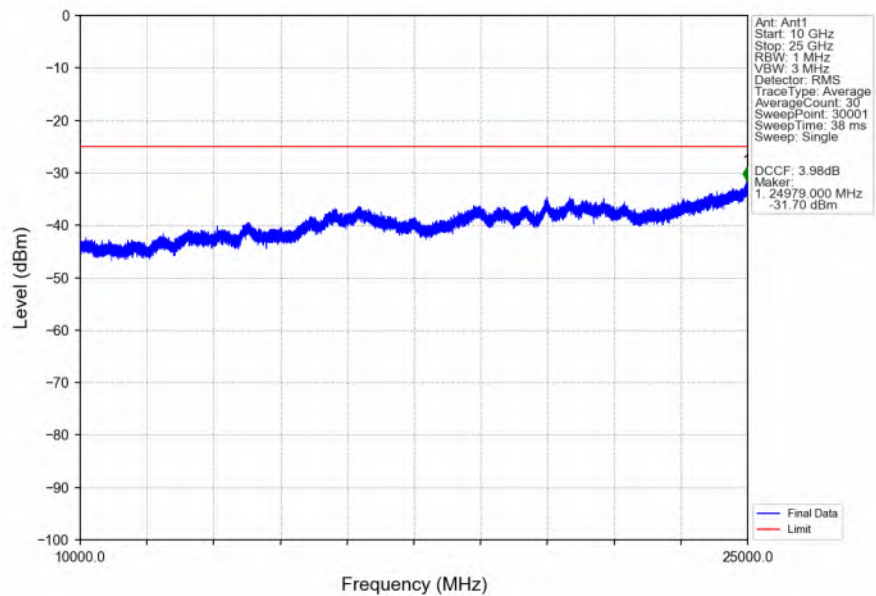


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-31.38	-25	Pass
2490.5	2495	1	CHP	2	2494.331	-26.12	-13	Pass
2495	2496	0.193	CHP	3	2495.850	-30.15	-13	Pass
2496	2516	0.193	CHP	/	/	/	/	/

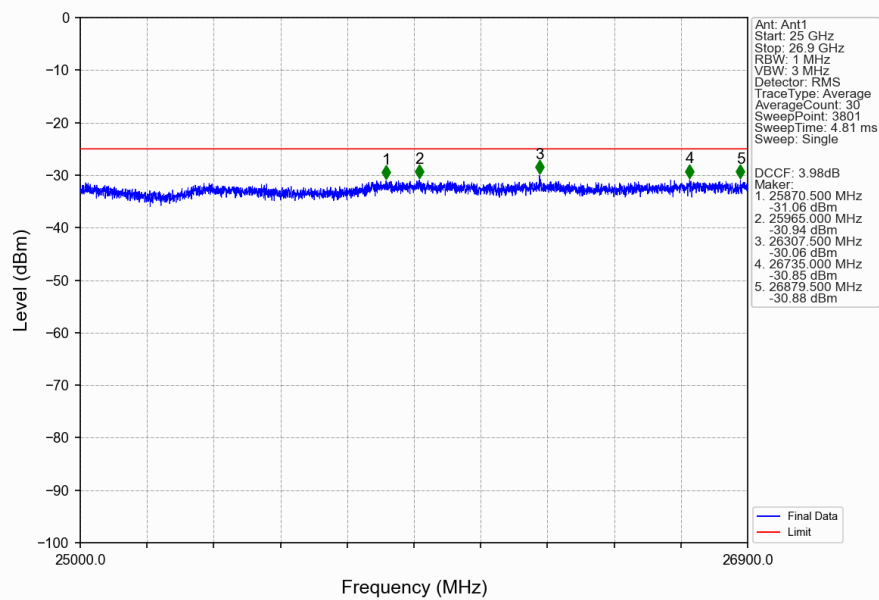
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



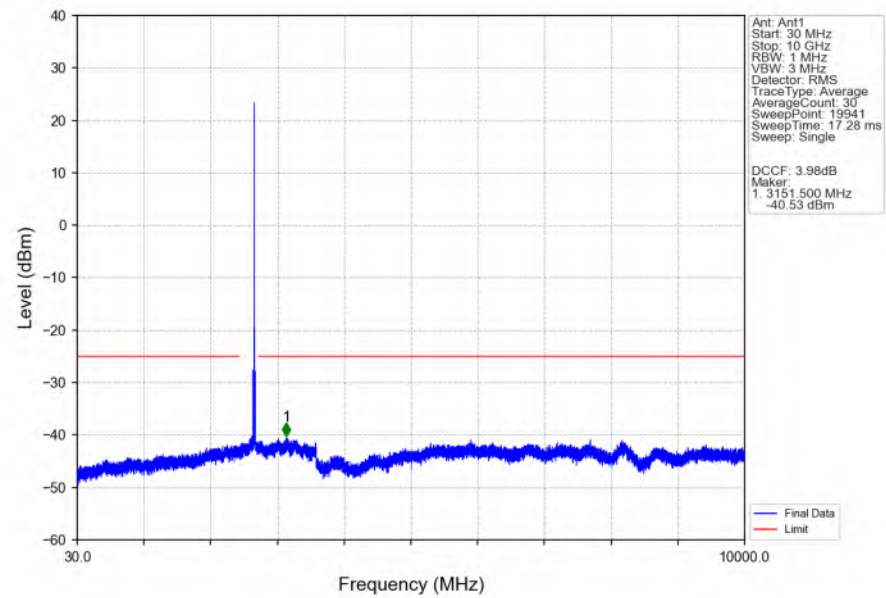
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



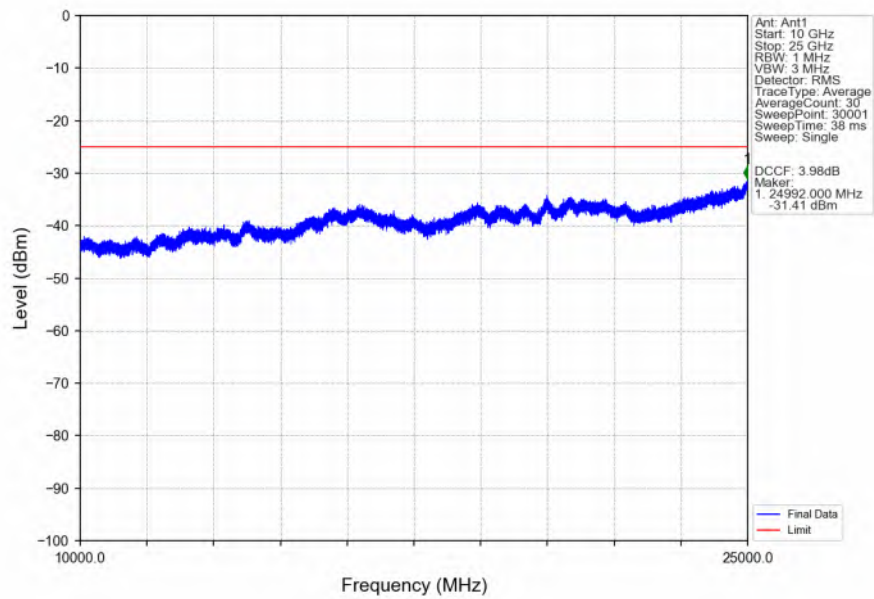
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTV



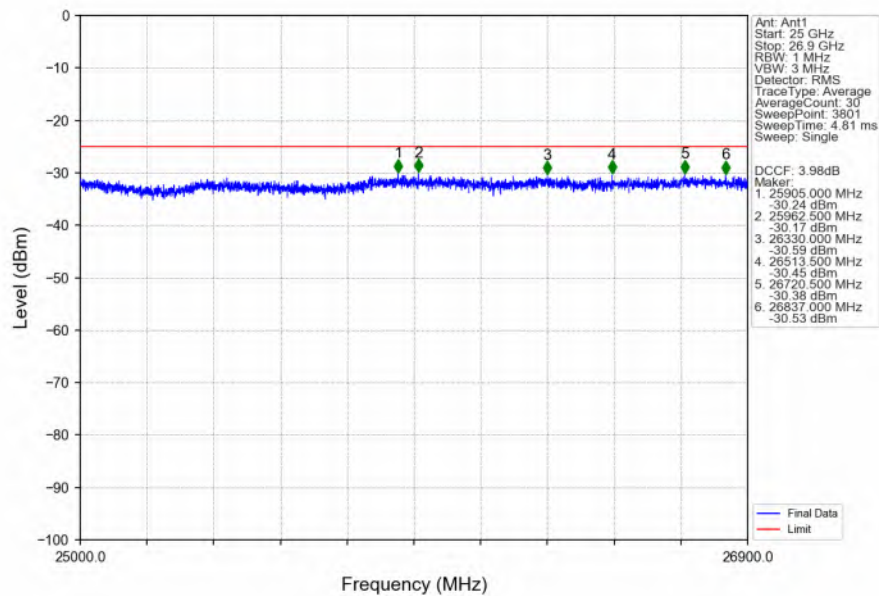
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



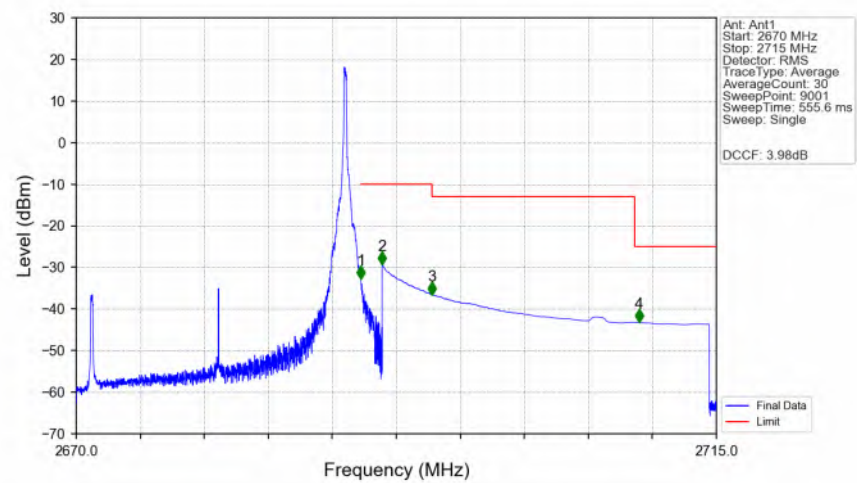
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



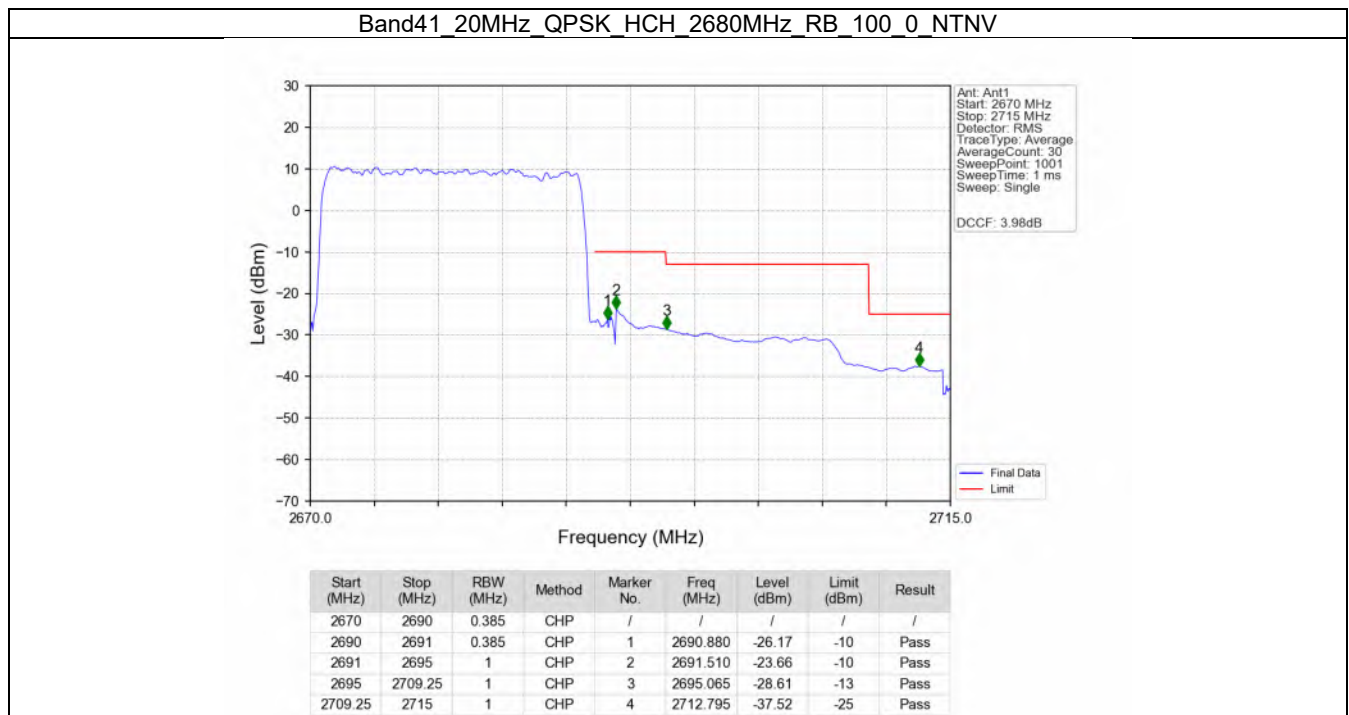
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-32.81	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.38	-10	Pass
2695	2709.25	1	CHP	3	2695.010	-36.63	-13	Pass
2709.25	2715	1	CHP	4	2709.565	-43.24	-25	Pass



---End of Attachment---