

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	21.43	3.00	24.43	<=33.01	Pass
			13	21.76	3.00	24.76	<=33.01	Pass
			24	21.97	3.00	24.97	<=33.01	Pass
		12	0	20.71	3.00	23.71	<=33.01	Pass
			6	20.81	3.00	23.81	<=33.01	Pass
			13	21.06	3.00	24.06	<=33.01	Pass
		25	0	20.84	3.00	23.84	<=33.01	Pass
	2535	1	0	23.53	3.00	26.53	<=33.01	Pass
			13	23.39	3.00	26.39	<=33.01	Pass
			24	23.38	3.00	26.38	<=33.01	Pass
		12	0	22.39	3.00	25.39	<=33.01	Pass
			6	22.34	3.00	25.34	<=33.01	Pass
			13	22.45	3.00	25.45	<=33.01	Pass
		25	0	22.46	3.00	25.46	<=33.01	Pass
	2567.5	1	0	22.28	3.00	25.28	<=33.01	Pass
			13	22.13	3.00	25.13	<=33.01	Pass
			24	21.99	3.00	24.99	<=33.01	Pass
		12	0	21.34	3.00	24.34	<=33.01	Pass
			6	21.26	3.00	24.26	<=33.01	Pass
			13	21.05	3.00	24.05	<=33.01	Pass
		25	0	21.24	3.00	24.24	<=33.01	Pass
16QAM	2502.5	1	0	20.57	3.00	23.57	<=33.01	Pass
			13	21.00	3.00	24.00	<=33.01	Pass
			24	21.30	3.00	24.30	<=33.01	Pass
		12	0	19.69	3.00	22.69	<=33.01	Pass
			6	19.81	3.00	22.81	<=33.01	Pass
			13	20.04	3.00	23.04	<=33.01	Pass
		25	0	19.88	3.00	22.88	<=33.01	Pass
	2535	1	0	22.70	3.00	25.70	<=33.01	Pass
			13	22.46	3.00	25.46	<=33.01	Pass
			24	22.66	3.00	25.66	<=33.01	Pass
		12	0	21.45	3.00	24.45	<=33.01	Pass
			6	21.35	3.00	24.35	<=33.01	Pass
			13	21.34	3.00	24.34	<=33.01	Pass
		25	0	21.47	3.00	24.47	<=33.01	Pass
	2567.5	1	0	21.57	3.00	24.57	<=33.01	Pass
			13	21.32	3.00	24.32	<=33.01	Pass
			24	21.10	3.00	24.10	<=33.01	Pass
		12	0	20.23	3.00	23.23	<=33.01	Pass
			6	20.26	3.00	23.26	<=33.01	Pass
			13	20.08	3.00	23.08	<=33.01	Pass
		25	0	20.29	3.00	23.29	<=33.01	Pass
64QAM	2502.5	1	0	18.93	3.00	21.93	<=33.01	Pass
			13	19.43	3.00	22.43	<=33.01	Pass
			24	19.68	3.00	22.68	<=33.01	Pass
		12	0	18.09	3.00	21.09	<=33.01	Pass

	2535	25	6	18.19	3.00	21.19	<=33.01	Pass	
			13	18.52	3.00	21.52	<=33.01	Pass	
			0	18.24	3.00	21.24	<=33.01	Pass	
		2535	1	0	20.96	3.00	23.96	<=33.01	Pass
				13	21.00	3.00	24.00	<=33.01	Pass
				24	20.96	3.00	23.96	<=33.01	Pass
			12	0	20.07	3.00	23.07	<=33.01	Pass
				6	19.88	3.00	22.88	<=33.01	Pass
				13	19.96	3.00	22.96	<=33.01	Pass
	25		0	19.91	3.00	22.91	<=33.01	Pass	
	2567.5	1	0	20.26	3.00	23.26	<=33.01	Pass	
			13	19.80	3.00	22.80	<=33.01	Pass	
			24	19.66	3.00	22.66	<=33.01	Pass	
		12	0	18.62	3.00	21.62	<=33.01	Pass	
			6	18.71	3.00	21.71	<=33.01	Pass	
			13	18.49	3.00	21.49	<=33.01	Pass	
		25	0	18.61	3.00	21.61	<=33.01	Pass	
	256QAM	2502.5	1	0	17.49	3.00	20.49	<=33.01	Pass
				13	17.72	3.00	20.72	<=33.01	Pass
				24	18.09	3.00	21.09	<=33.01	Pass
			12	0	17.48	3.00	20.48	<=33.01	Pass
6				17.58	3.00	20.58	<=33.01	Pass	
13				17.87	3.00	20.87	<=33.01	Pass	
25			0	17.63	3.00	20.63	<=33.01	Pass	
2535			1	0	18.84	3.00	21.84	<=33.01	Pass
				13	18.33	3.00	21.33	<=33.01	Pass
		24		18.07	3.00	21.07	<=33.01	Pass	
		12	0	18.34	3.00	21.34	<=33.01	Pass	
			6	18.17	3.00	21.17	<=33.01	Pass	
			13	18.07	3.00	21.07	<=33.01	Pass	
		25	0	18.14	3.00	21.14	<=33.01	Pass	
2567.5		1	0	17.66	3.00	20.66	<=33.01	Pass	
			13	17.04	3.00	20.04	<=33.01	Pass	
			24	17.35	3.00	20.35	<=33.01	Pass	
		12	0	17.09	3.00	20.09	<=33.01	Pass	
			6	17.09	3.00	20.09	<=33.01	Pass	
			13	17.27	3.00	20.27	<=33.01	Pass	
		25	0	17.37	3.00	20.37	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	21.27	3.00	24.27	<=33.01	Pass
			25	22.80	3.00	25.80	<=33.01	Pass
			49	23.55	3.00	26.55	<=33.01	Pass
		25	0	21.69	3.00	24.69	<=33.01	Pass
			13	21.99	3.00	24.99	<=33.01	Pass
			25	22.61	3.00	25.61	<=33.01	Pass
		50	0	22.04	3.00	25.04	<=33.01	Pass
	2535	1	0	23.47	3.00	26.47	<=33.01	Pass
			25	23.51	3.00	26.51	<=33.01	Pass

		25	49	23.27	3.00	26.27	<=33.01	Pass
			0	22.66	3.00	25.66	<=33.01	Pass
			13	22.53	3.00	25.53	<=33.01	Pass
			25	22.52	3.00	25.52	<=33.01	Pass
		50	0	22.51	3.00	25.51	<=33.01	Pass
			0	22.40	3.00	25.40	<=33.01	Pass
	2565	1	25	22.49	3.00	25.49	<=33.01	Pass
			49	22.09	3.00	25.09	<=33.01	Pass
			0	21.30	3.00	24.30	<=33.01	Pass
		25	13	21.51	3.00	24.51	<=33.01	Pass
			25	21.24	3.00	24.24	<=33.01	Pass
			0	21.47	3.00	24.47	<=33.01	Pass
		50	0	20.55	3.00	23.55	<=33.01	Pass
			25	22.04	3.00	25.04	<=33.01	Pass
			49	22.73	3.00	25.73	<=33.01	Pass
			0	20.71	3.00	23.71	<=33.01	Pass
16QAM	2505	25	13	21.05	3.00	24.05	<=33.01	Pass
			25	21.89	3.00	24.89	<=33.01	Pass
			0	21.78	3.00	24.78	<=33.01	Pass
		50	0	22.37	3.00	25.37	<=33.01	Pass
			25	22.62	3.00	25.62	<=33.01	Pass
			49	22.46	3.00	25.46	<=33.01	Pass
			0	21.47	3.00	24.47	<=33.01	Pass
		25	13	21.45	3.00	24.45	<=33.01	Pass
			25	21.34	3.00	24.34	<=33.01	Pass
			0	21.42	3.00	24.42	<=33.01	Pass
	2535	50	0	21.32	3.00	24.32	<=33.01	Pass
			25	21.55	3.00	24.55	<=33.01	Pass
			49	20.91	3.00	23.91	<=33.01	Pass
			0	20.59	3.00	23.59	<=33.01	Pass
		25	13	20.52	3.00	23.52	<=33.01	Pass
			25	20.29	3.00	23.29	<=33.01	Pass
			0	20.45	3.00	23.45	<=33.01	Pass
		50	0	18.90	3.00	21.90	<=33.01	Pass
			25	20.61	3.00	23.61	<=33.01	Pass
			49	21.36	3.00	24.36	<=33.01	Pass
			0	19.13	3.00	22.13	<=33.01	Pass
			13	19.43	3.00	22.43	<=33.01	Pass
			25	20.24	3.00	23.24	<=33.01	Pass
			0	20.15	3.00	23.15	<=33.01	Pass
64QAM	2505	50	0	20.96	3.00	23.96	<=33.01	Pass
			25	21.01	3.00	24.01	<=33.01	Pass
			49	20.83	3.00	23.83	<=33.01	Pass
			0	20.06	3.00	23.06	<=33.01	Pass
		25	13	19.95	3.00	22.95	<=33.01	Pass
			25	19.87	3.00	22.87	<=33.01	Pass
			0	19.92	3.00	22.92	<=33.01	Pass
		50	0	20.13	3.00	23.13	<=33.01	Pass
			25	19.90	3.00	22.90	<=33.01	Pass
			49	19.67	3.00	22.67	<=33.01	Pass
			0	18.87	3.00	21.87	<=33.01	Pass
256QAM	2505	25	13	18.85	3.00	21.85	<=33.01	Pass
			25	18.65	3.00	21.65	<=33.01	Pass
			0	18.81	3.00	21.81	<=33.01	Pass
		50	0	17.75	3.00	20.75	<=33.01	Pass
			25	18.67	3.00	21.67	<=33.01	Pass

		25	49	18.20	3.00	21.20	<=33.01	Pass
			0	18.43	3.00	21.43	<=33.01	Pass
			13	18.65	3.00	21.65	<=33.01	Pass
			25	18.50	3.00	21.50	<=33.01	Pass
		50	0	18.61	3.00	21.61	<=33.01	Pass
			0	18.57	3.00	21.57	<=33.01	Pass
	2535	1	25	18.64	3.00	21.64	<=33.01	Pass
			49	17.96	3.00	20.96	<=33.01	Pass
			0	18.36	3.00	21.36	<=33.01	Pass
		25	13	18.31	3.00	21.31	<=33.01	Pass
			25	18.18	3.00	21.18	<=33.01	Pass
			0	18.20	3.00	21.20	<=33.01	Pass
	2565	1	0	17.74	3.00	20.74	<=33.01	Pass
			25	17.38	3.00	20.38	<=33.01	Pass
			49	16.76	3.00	19.76	<=33.01	Pass
		25	0	17.32	3.00	20.32	<=33.01	Pass
			13	17.25	3.00	20.25	<=33.01	Pass
			25	17.02	3.00	20.02	<=33.01	Pass
		50	0	17.17	3.00	20.17	<=33.01	Pass
			0	17.17	3.00	20.17	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	21.47	3.00	24.47	<=33.01	Pass
			38	23.54	3.00	26.54	<=33.01	Pass
			74	23.70	3.00	26.70	<=33.01	Pass
		36	0	21.97	3.00	24.97	<=33.01	Pass
			18	22.81	3.00	25.81	<=33.01	Pass
			39	22.72	3.00	25.72	<=33.01	Pass
		75	0	22.75	3.00	25.75	<=33.01	Pass
	2535	1	0	23.42	3.00	26.42	<=33.01	Pass
			38	23.42	3.00	26.42	<=33.01	Pass
			74	23.06	3.00	26.06	<=33.01	Pass
		36	0	22.45	3.00	25.45	<=33.01	Pass
			18	22.30	3.00	25.30	<=33.01	Pass
			39	22.25	3.00	25.25	<=33.01	Pass
		75	0	22.35	3.00	25.35	<=33.01	Pass
	2562.5	1	0	22.61	3.00	25.61	<=33.01	Pass
			38	22.45	3.00	25.45	<=33.01	Pass
			74	21.98	3.00	24.98	<=33.01	Pass
		36	0	21.55	3.00	24.55	<=33.01	Pass
			18	21.34	3.00	24.34	<=33.01	Pass
			39	21.12	3.00	24.12	<=33.01	Pass
		75	0	21.35	3.00	24.35	<=33.01	Pass
16QAM	2507.5	1	0	20.65	3.00	23.65	<=33.01	Pass
			38	22.95	3.00	25.95	<=33.01	Pass
			74	22.77	3.00	25.77	<=33.01	Pass
		36	0	20.99	3.00	23.99	<=33.01	Pass
			18	21.79	3.00	24.79	<=33.01	Pass
			39	21.59	3.00	24.59	<=33.01	Pass
		75	0	21.70	3.00	24.70	<=33.01	Pass
			0	21.70	3.00	24.70	<=33.01	Pass

	2535	1	0	22.50	3.00	25.50	<=33.01	Pass
			38	22.52	3.00	25.52	<=33.01	Pass
			74	22.15	3.00	25.15	<=33.01	Pass
		36	0	21.34	3.00	24.34	<=33.01	Pass
			18	21.31	3.00	24.31	<=33.01	Pass
			39	21.23	3.00	24.23	<=33.01	Pass
		75	0	21.32	3.00	24.32	<=33.01	Pass
	2562.5	1	0	21.43	3.00	24.43	<=33.01	Pass
			38	20.99	3.00	23.99	<=33.01	Pass
			74	21.13	3.00	24.13	<=33.01	Pass
		36	0	20.47	3.00	23.47	<=33.01	Pass
			18	20.34	3.00	23.34	<=33.01	Pass
			39	20.10	3.00	23.10	<=33.01	Pass
		75	0	20.33	3.00	23.33	<=33.01	Pass
64QAM	2507.5	1	0	18.74	3.00	21.74	<=33.01	Pass
			38	21.40	3.00	24.40	<=33.01	Pass
			74	21.14	3.00	24.14	<=33.01	Pass
		36	0	19.19	3.00	22.19	<=33.01	Pass
			18	20.18	3.00	23.18	<=33.01	Pass
			39	20.22	3.00	23.22	<=33.01	Pass
		75	0	20.25	3.00	23.25	<=33.01	Pass
	2535	1	0	21.05	3.00	24.05	<=33.01	Pass
			38	20.83	3.00	23.83	<=33.01	Pass
			74	20.47	3.00	23.47	<=33.01	Pass
		36	0	19.97	3.00	22.97	<=33.01	Pass
			18	19.72	3.00	22.72	<=33.01	Pass
			39	19.59	3.00	22.59	<=33.01	Pass
		75	0	19.83	3.00	22.83	<=33.01	Pass
	2562.5	1	0	20.10	3.00	23.10	<=33.01	Pass
			38	20.00	3.00	23.00	<=33.01	Pass
			74	19.70	3.00	22.70	<=33.01	Pass
		36	0	18.96	3.00	21.96	<=33.01	Pass
			18	18.46	3.00	21.46	<=33.01	Pass
			39	18.42	3.00	21.42	<=33.01	Pass
		75	0	18.82	3.00	21.82	<=33.01	Pass
256QAM	2507.5	1	0	17.60	3.00	20.60	<=33.01	Pass
			38	18.51	3.00	21.51	<=33.01	Pass
			74	18.39	3.00	21.39	<=33.01	Pass
		36	0	18.51	3.00	21.51	<=33.01	Pass
			18	18.51	3.00	21.51	<=33.01	Pass
			39	18.42	3.00	21.42	<=33.01	Pass
		75	0	18.46	3.00	21.46	<=33.01	Pass
	2535	1	0	18.72	3.00	21.72	<=33.01	Pass
			38	18.27	3.00	21.27	<=33.01	Pass
			74	17.88	3.00	20.88	<=33.01	Pass
		36	0	18.20	3.00	21.20	<=33.01	Pass
			18	18.07	3.00	21.07	<=33.01	Pass
			39	17.97	3.00	20.97	<=33.01	Pass
		75	0	18.10	3.00	21.10	<=33.01	Pass
	2562.5	1	0	17.59	3.00	20.59	<=33.01	Pass
			38	17.57	3.00	20.57	<=33.01	Pass
			74	17.37	3.00	20.37	<=33.01	Pass
		36	0	17.37	3.00	20.37	<=33.01	Pass
			18	17.19	3.00	20.19	<=33.01	Pass
			39	17.22	3.00	20.22	<=33.01	Pass
		75	0	17.20	3.00	20.20	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.33	3.00	25.33	<=33.01	Pass
			50	23.72	3.00	26.72	<=33.01	Pass
			99	23.88	3.00	26.88	<=33.01	Pass
		50	0	22.79	3.00	25.79	<=33.01	Pass
			25	22.94	3.00	25.94	<=33.01	Pass
			50	22.71	3.00	25.71	<=33.01	Pass
		100	0	22.79	3.00	25.79	<=33.01	Pass
	2535	1	0	23.16	3.00	26.16	<=33.01	Pass
			50	23.38	3.00	26.38	<=33.01	Pass
			99	23.17	3.00	26.17	<=33.01	Pass
		50	0	22.59	3.00	25.59	<=33.01	Pass
			25	22.45	3.00	25.45	<=33.01	Pass
			50	22.29	3.00	25.29	<=33.01	Pass
		100	0	22.33	3.00	25.33	<=33.01	Pass
	2560	1	0	22.81	3.00	25.81	<=33.01	Pass
			50	22.58	3.00	25.58	<=33.01	Pass
			99	21.52	3.00	24.52	<=33.01	Pass
		50	0	21.69	3.00	24.69	<=33.01	Pass
			25	21.60	3.00	24.60	<=33.01	Pass
			50	21.33	3.00	24.33	<=33.01	Pass
		100	0	21.54	3.00	24.54	<=33.01	Pass
16QAM	2510	1	0	21.42	3.00	24.42	<=33.01	Pass
			50	23.11	3.00	26.11	<=33.01	Pass
			99	22.44	3.00	25.44	<=33.01	Pass
		50	0	21.59	3.00	24.59	<=33.01	Pass
			25	21.91	3.00	24.91	<=33.01	Pass
			50	21.42	3.00	24.42	<=33.01	Pass
		100	0	21.78	3.00	24.78	<=33.01	Pass
	2535	1	0	22.87	3.00	25.87	<=33.01	Pass
			50	22.80	3.00	25.80	<=33.01	Pass
			99	22.38	3.00	25.38	<=33.01	Pass
		50	0	21.40	3.00	24.40	<=33.01	Pass
			25	21.36	3.00	24.36	<=33.01	Pass
			50	21.31	3.00	24.31	<=33.01	Pass
		100	0	21.31	3.00	24.31	<=33.01	Pass
	2560	1	0	21.64	3.00	24.64	<=33.01	Pass
			50	21.66	3.00	24.66	<=33.01	Pass
			99	21.12	3.00	24.12	<=33.01	Pass
		50	0	20.68	3.00	23.68	<=33.01	Pass
			25	20.54	3.00	23.54	<=33.01	Pass
			50	20.25	3.00	23.25	<=33.01	Pass
		100	0	20.45	3.00	23.45	<=33.01	Pass
64QAM	2510	1	0	19.79	3.00	22.79	<=33.01	Pass
			50	20.99	3.00	23.99	<=33.01	Pass
			99	21.70	3.00	24.70	<=33.01	Pass
		50	0	20.14	3.00	23.14	<=33.01	Pass
			25	20.38	3.00	23.38	<=33.01	Pass

			50	20.18	3.00	23.18	<=33.01	Pass
		100	0	20.27	3.00	23.27	<=33.01	Pass
	2535	1	0	21.23	3.00	24.23	<=33.01	Pass
			50	20.82	3.00	23.82	<=33.01	Pass
			99	20.60	3.00	23.60	<=33.01	Pass
		50	0	20.00	3.00	23.00	<=33.01	Pass
			25	19.73	3.00	22.73	<=33.01	Pass
			50	19.63	3.00	22.63	<=33.01	Pass
	2560	100	0	19.52	3.00	22.52	<=33.01	Pass
		1	0	20.00	3.00	23.00	<=33.01	Pass
			50	20.11	3.00	23.11	<=33.01	Pass
			99	19.66	3.00	22.66	<=33.01	Pass
		50	0	19.08	3.00	22.08	<=33.01	Pass
			25	19.00	3.00	22.00	<=33.01	Pass
			50	18.69	3.00	21.69	<=33.01	Pass
		100	0	18.91	3.00	21.91	<=33.01	Pass
256QAM	2510	1	0	18.47	3.00	21.47	<=33.01	Pass
			50	18.79	3.00	21.79	<=33.01	Pass
			99	18.46	3.00	21.46	<=33.01	Pass
		50	0	18.62	3.00	21.62	<=33.01	Pass
			25	18.57	3.00	21.57	<=33.01	Pass
			50	18.31	3.00	21.31	<=33.01	Pass
		100	0	18.54	3.00	21.54	<=33.01	Pass
	2535	1	0	18.46	3.00	21.46	<=33.01	Pass
			50	18.19	3.00	21.19	<=33.01	Pass
			99	17.35	3.00	20.35	<=33.01	Pass
		50	0	18.25	3.00	21.25	<=33.01	Pass
			25	18.12	3.00	21.12	<=33.01	Pass
			50	18.01	3.00	21.01	<=33.01	Pass
		100	0	18.14	3.00	21.14	<=33.01	Pass
	2560	1	0	17.95	3.00	20.95	<=33.01	Pass
			50	17.14	3.00	20.14	<=33.01	Pass
			99	17.12	3.00	20.12	<=33.01	Pass
		50	0	17.28	3.00	20.28	<=33.01	Pass
			25	17.32	3.00	20.32	<=33.01	Pass
			50	17.08	3.00	20.08	<=33.01	Pass
		100	0	17.31	3.00	20.31	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	LV	-3.500	-0.0014	-2.5 to 2.5	Pass
					NV	-3.200	-0.0013	-2.5 to 2.5	Pass
					HV	-2.700	-0.0011	-2.5 to 2.5	Pass
				0	NV	1.700	0.0007	-2.5 to 2.5	Pass
				10	NV	2.300	0.0009	-2.5 to 2.5	Pass
				30	NV	-1.400	-0.0006	-2.5 to 2.5	Pass
				40	NV	1.400	0.0006	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

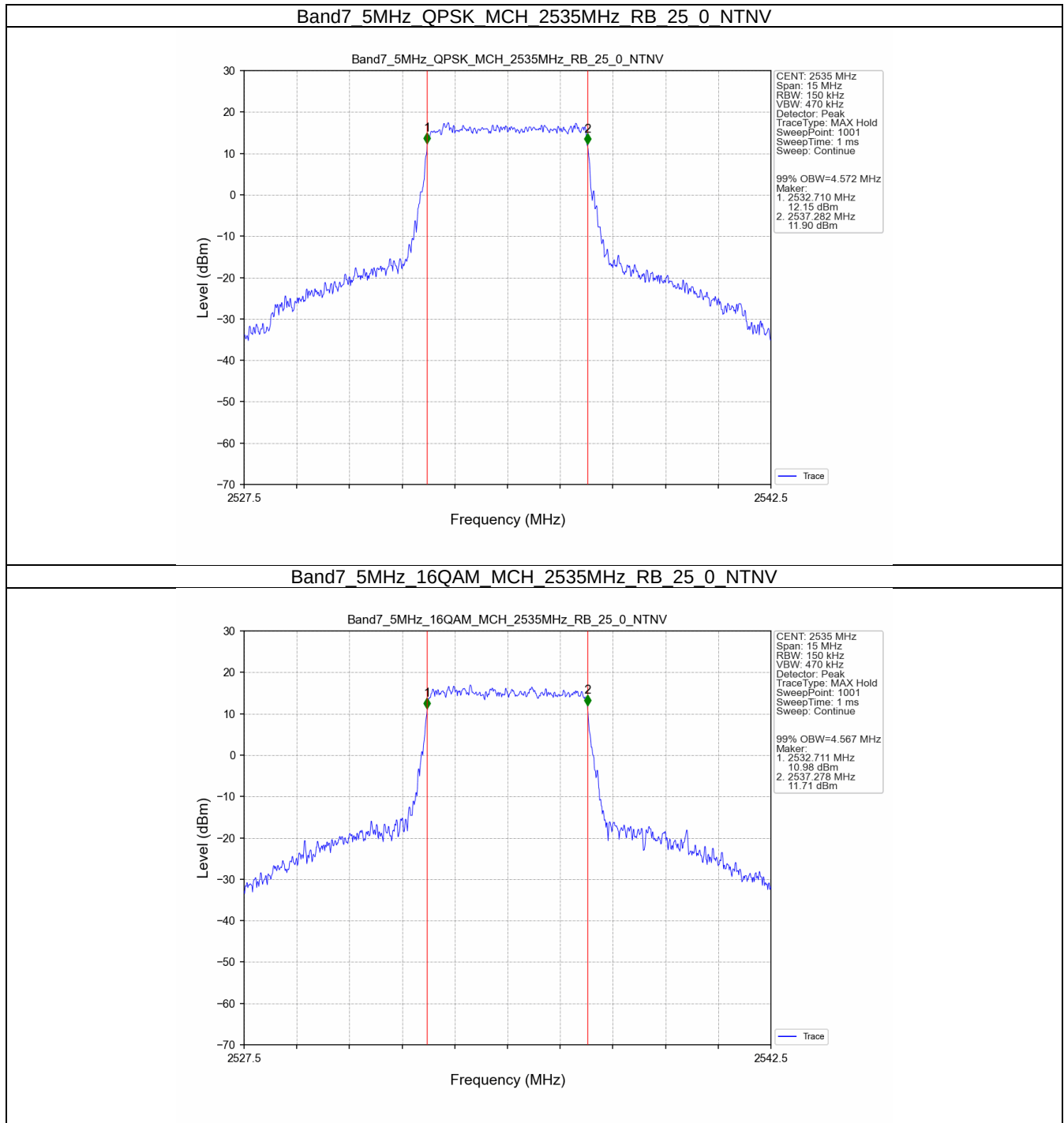
Band: 7 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.572	/	Pass
	16QAM	2535	25	0	4.567	/	Pass
	64QAM	2535	25	0	4.562	/	Pass
	256QAM	2535	25	0	4.567	/	Pass
10	QPSK	2535	50	0	9.088	/	Pass
	16QAM	2535	50	0	9.113	/	Pass
	64QAM	2535	50	0	9.107	/	Pass
	256QAM	2535	50	0	9.082	/	Pass
15	QPSK	2535	75	0	13.685	/	Pass
	16QAM	2535	75	0	13.651	/	Pass
	64QAM	2535	75	0	13.601	/	Pass
	256QAM	2535	75	0	13.171	/	Pass
20	QPSK	2535	100	0	18.128	/	Pass
	16QAM	2535	100	0	18.151	/	Pass
	64QAM	2535	100	0	18.195	/	Pass
	256QAM	2535	100	0	18.107	/	Pass

3.1.2 Band7_XDB

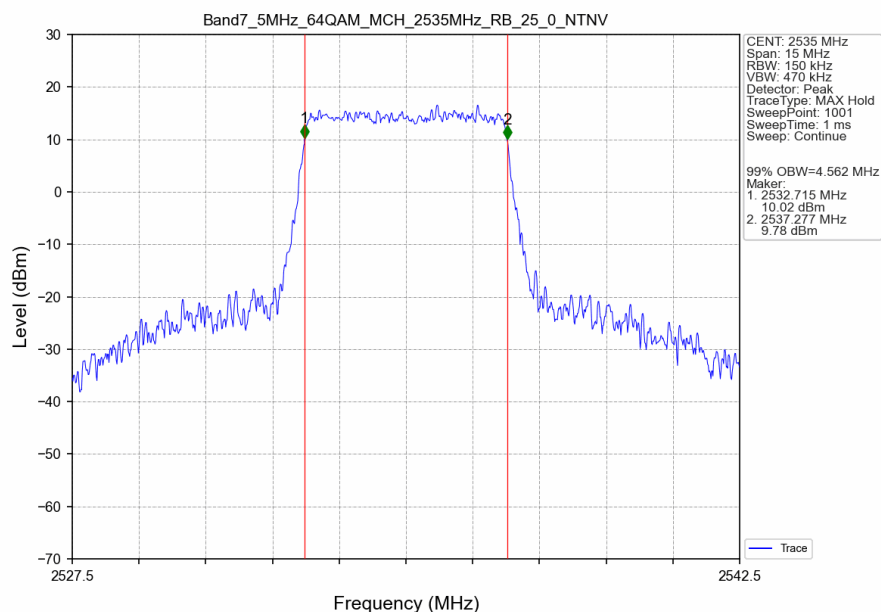
Band: 7 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.306	/	Pass
	16QAM	2535	25	0	5.216	/	Pass
	64QAM	2535	25	0	5.197	/	Pass
	256QAM	2535	25	0	5.234	/	Pass
10	QPSK	2535	50	0	10.372	/	Pass
	16QAM	2535	50	0	10.393	/	Pass
	64QAM	2535	50	0	10.258	/	Pass
	256QAM	2535	50	0	10.261	/	Pass
15	QPSK	2535	75	0	15.252	/	Pass
	16QAM	2535	75	0	15.269	/	Pass
	64QAM	2535	75	0	15.217	/	Pass
	256QAM	2535	75	0	14.340	/	Pass
20	QPSK	2535	100	0	20.206	/	Pass
	16QAM	2535	100	0	20.225	/	Pass
	64QAM	2535	100	0	19.995	/	Pass
	256QAM	2535	100	0	19.953	/	Pass

3.2 Test Graph

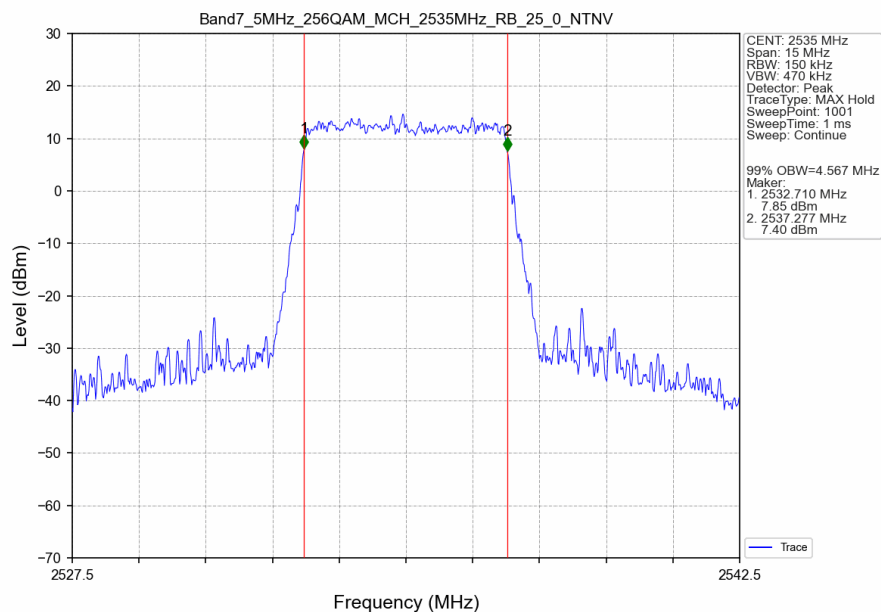
3.2.1 Band7_OBW



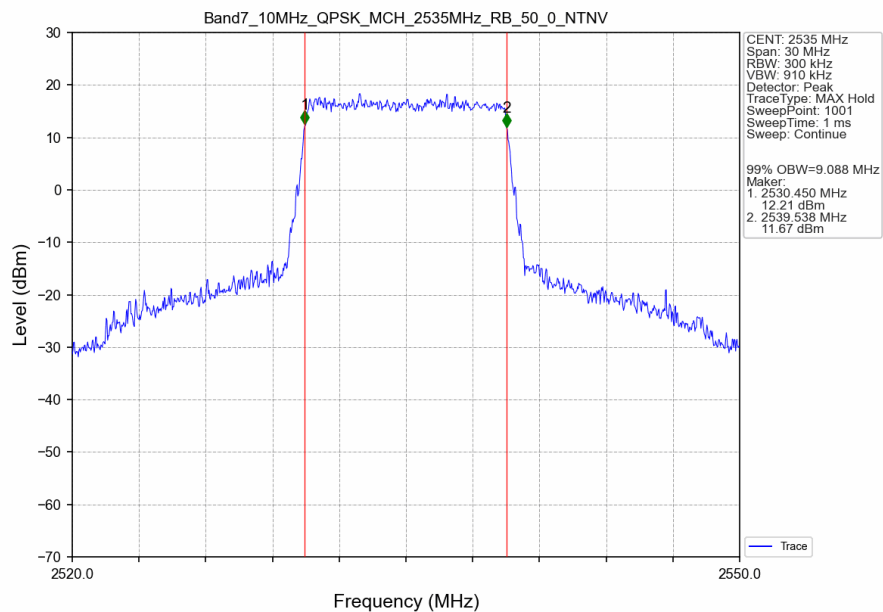
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



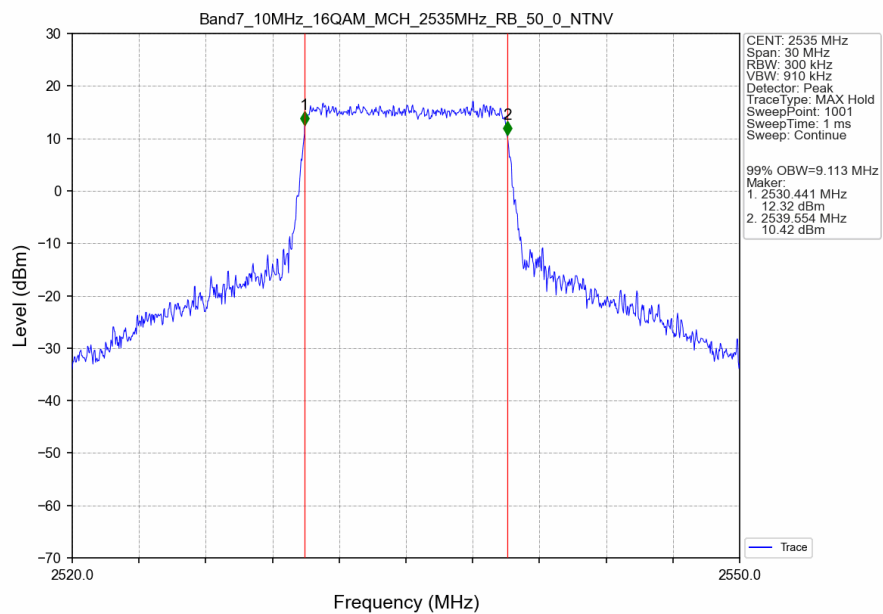
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



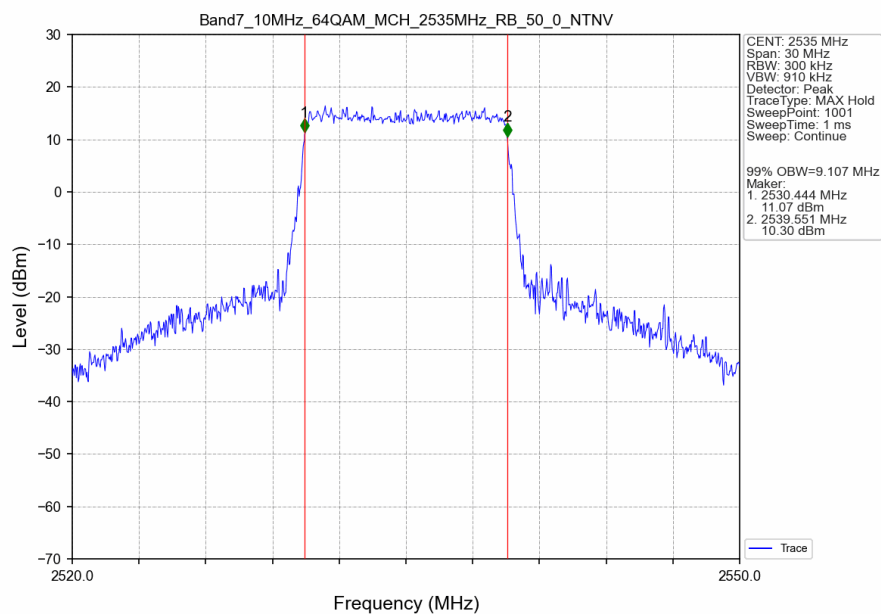
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



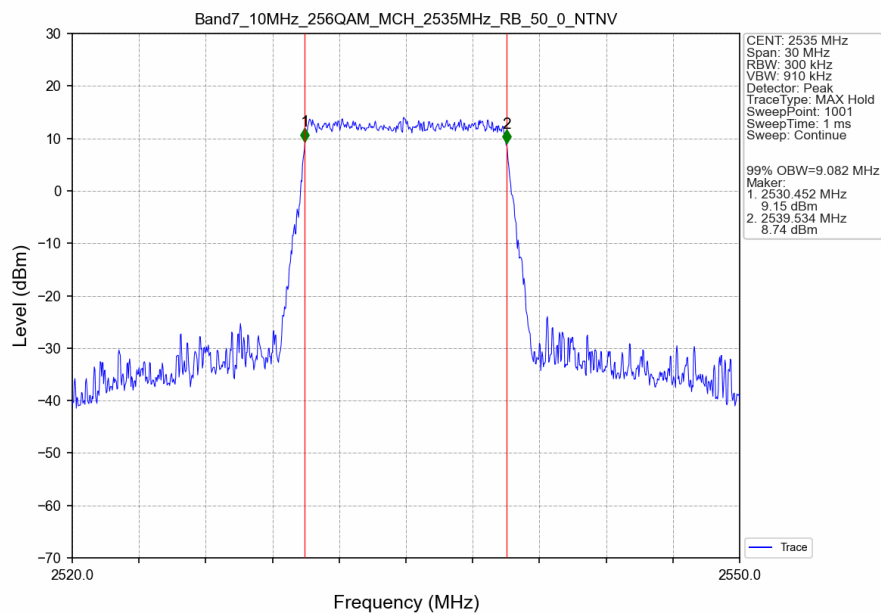
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



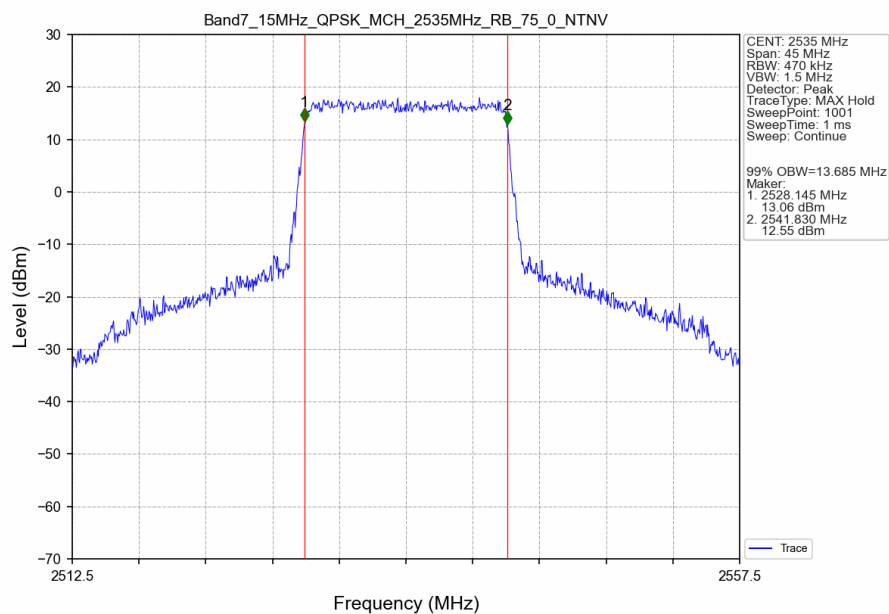
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



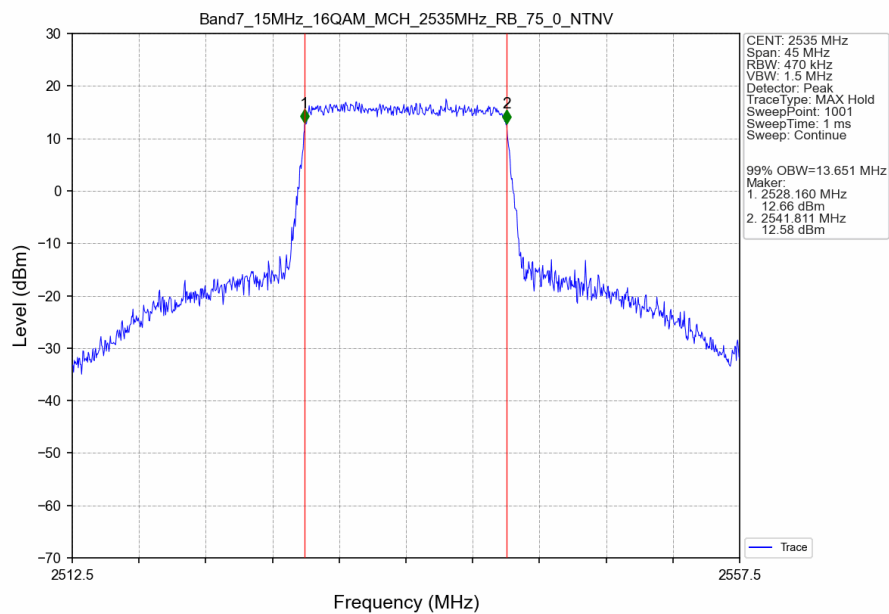
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



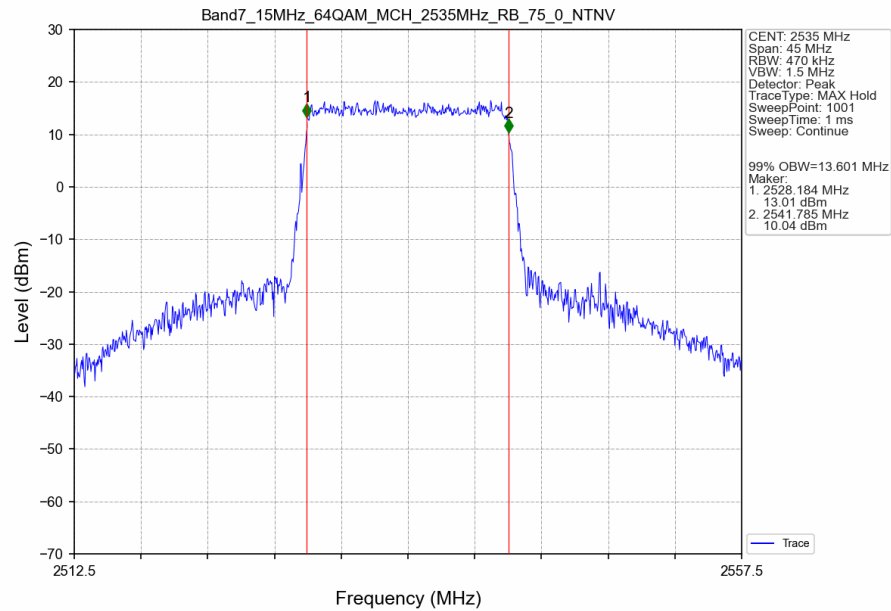
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



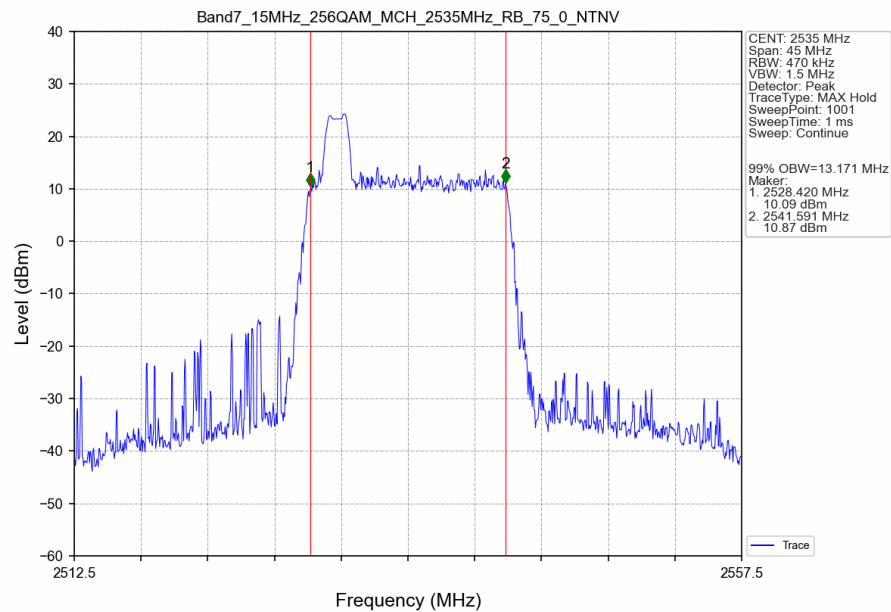
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



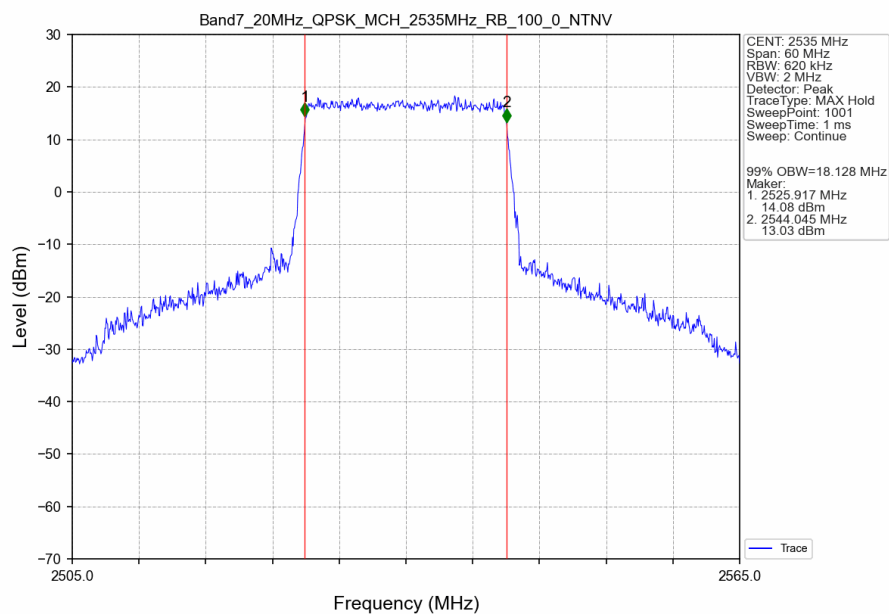
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



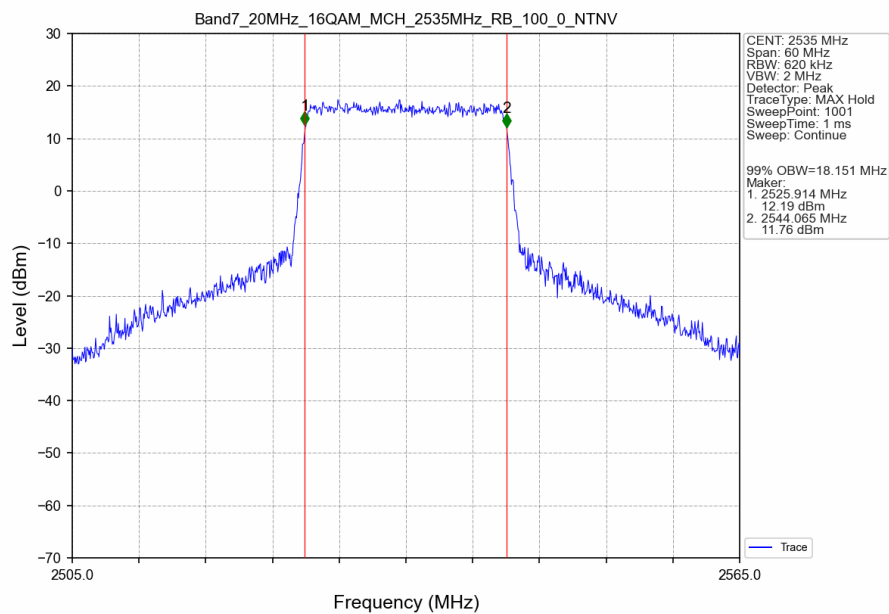
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



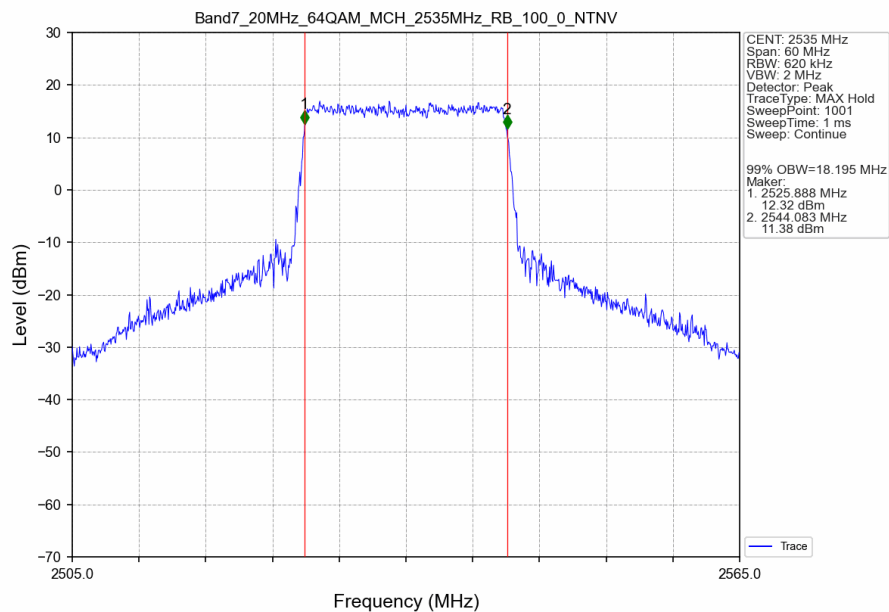
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



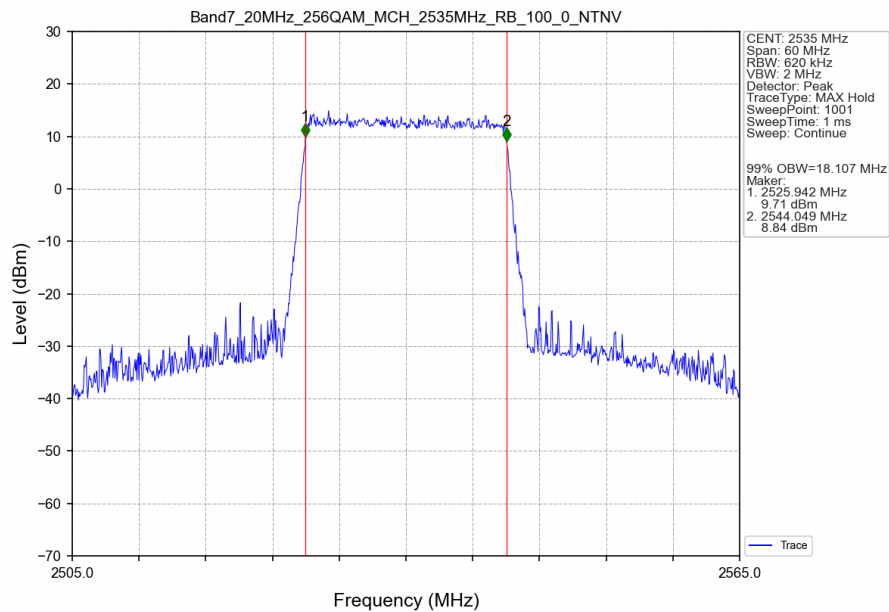
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



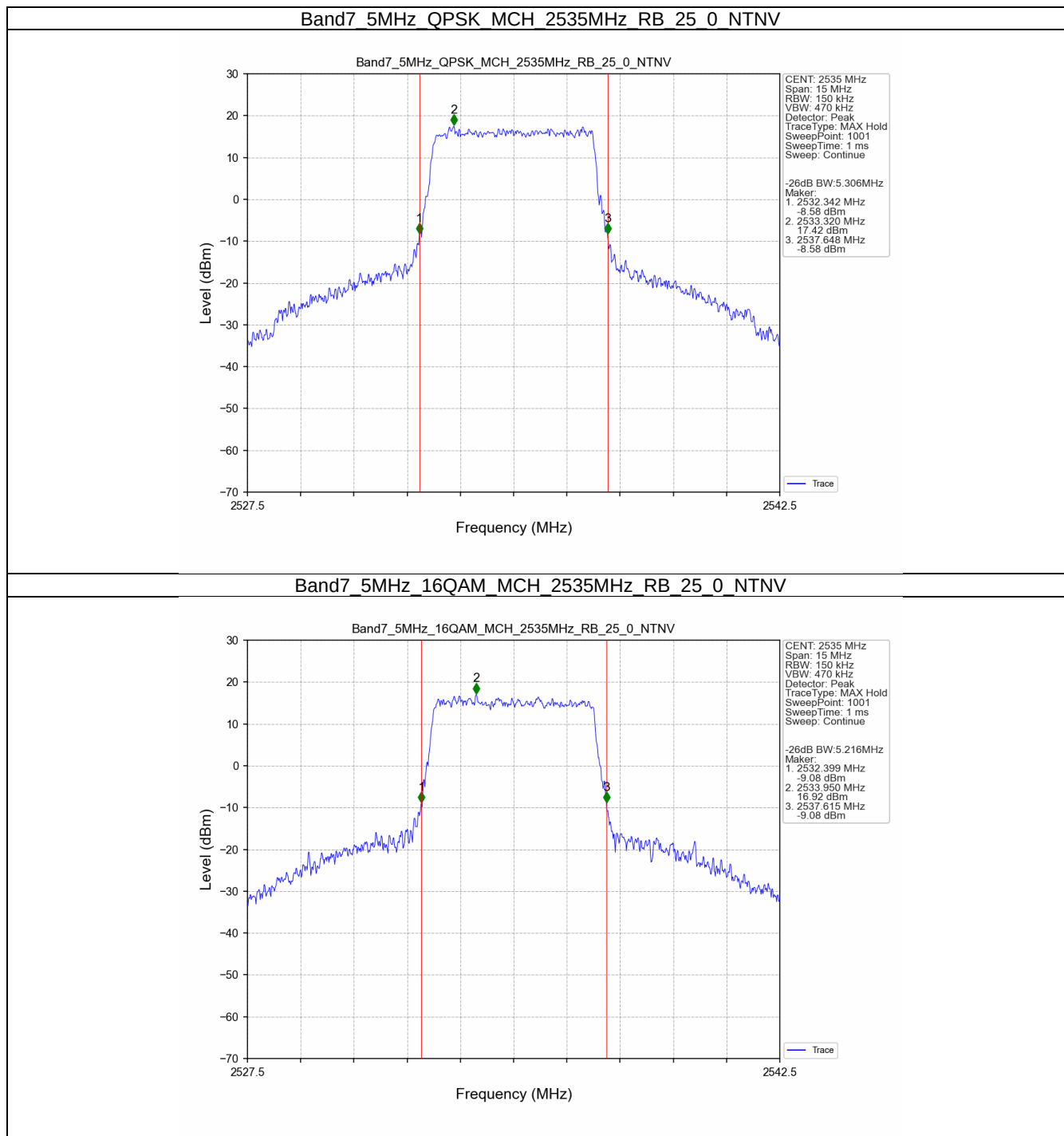
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



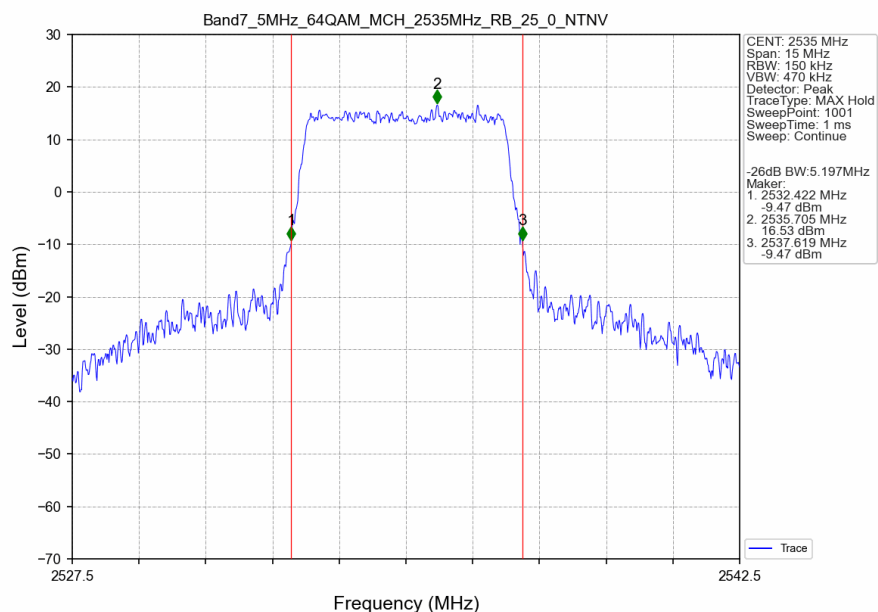
Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



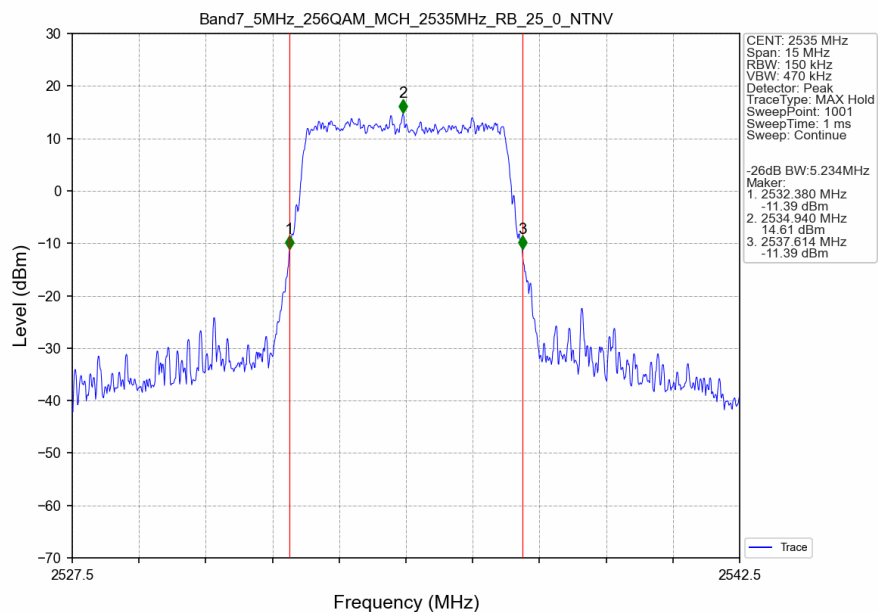
3.2.2 Band7_XDB



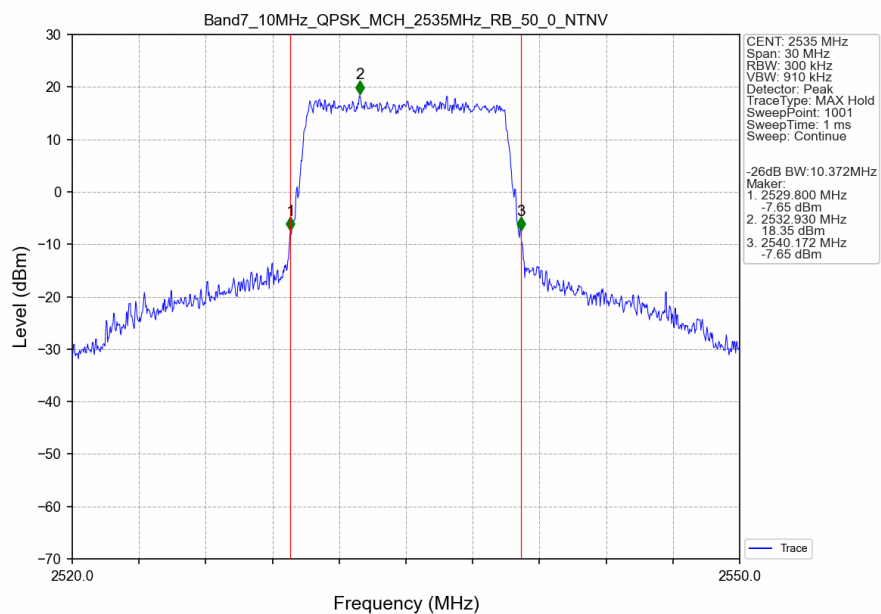
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



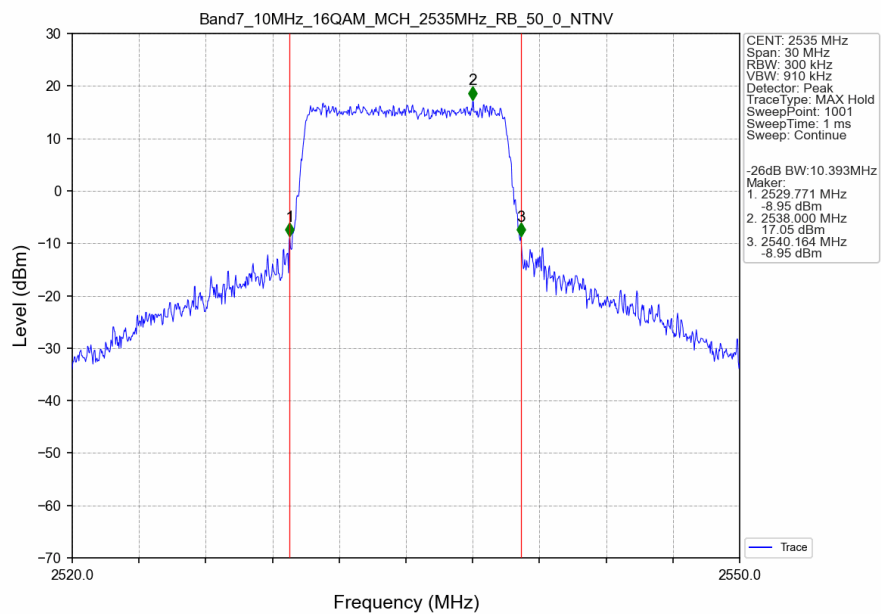
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



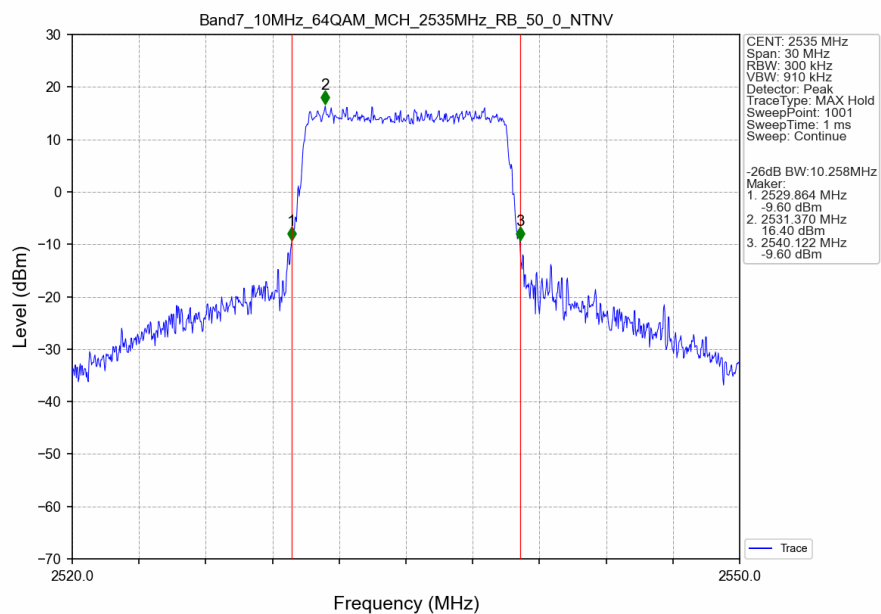
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



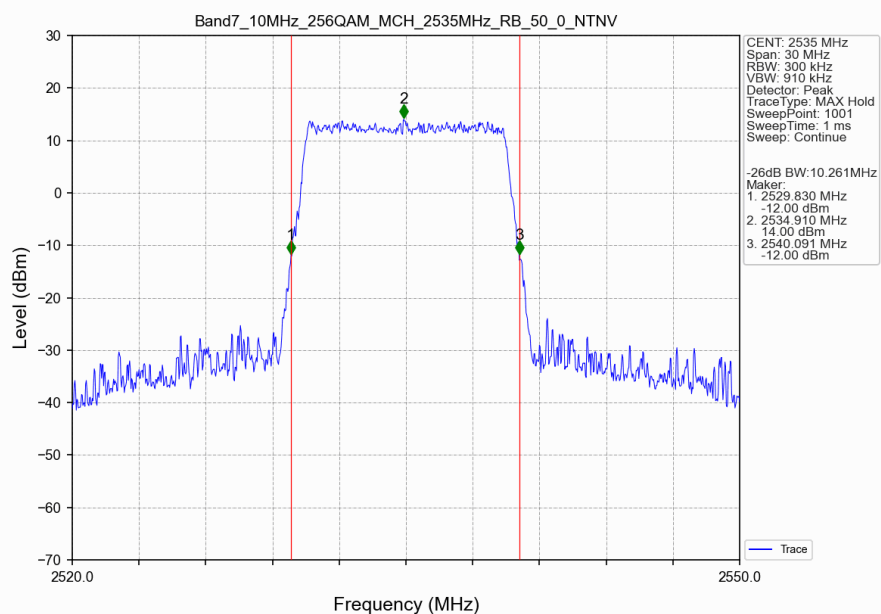
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



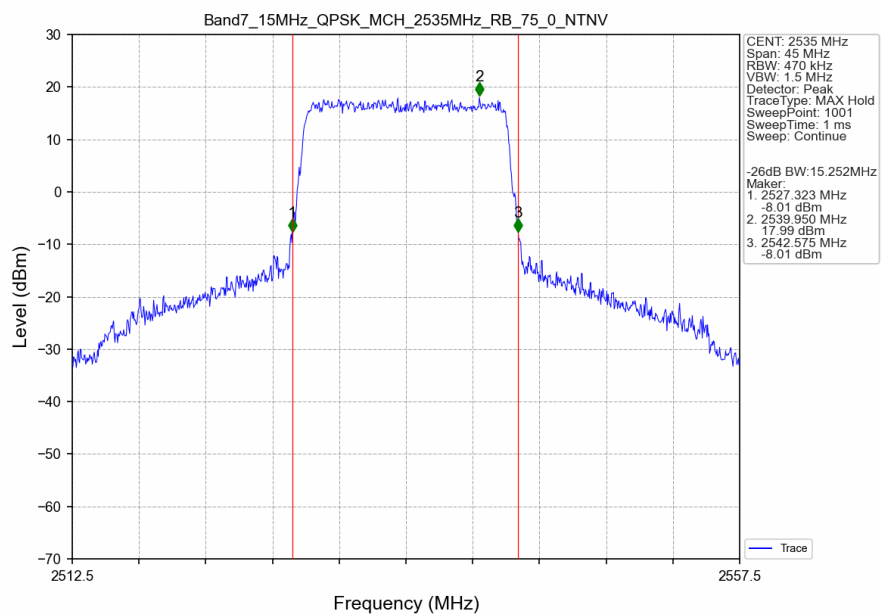
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



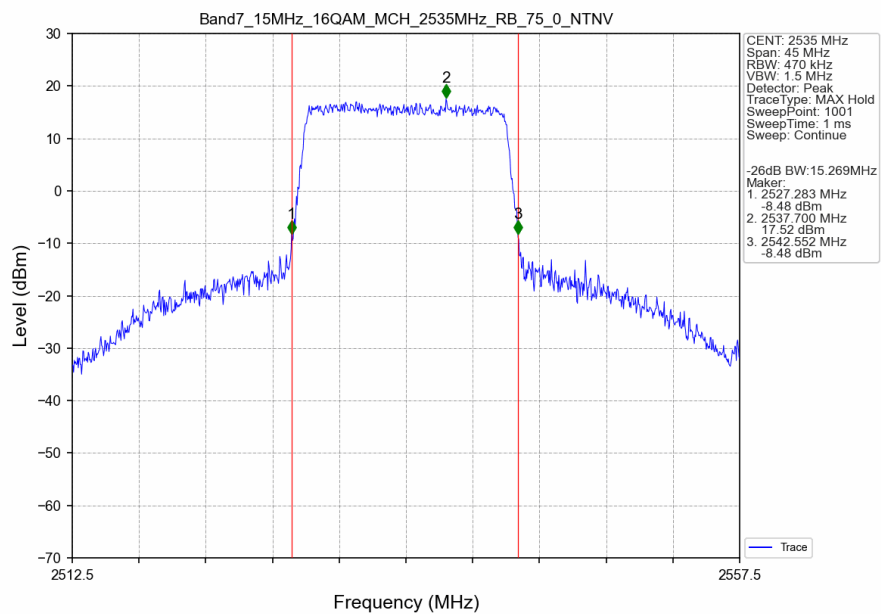
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



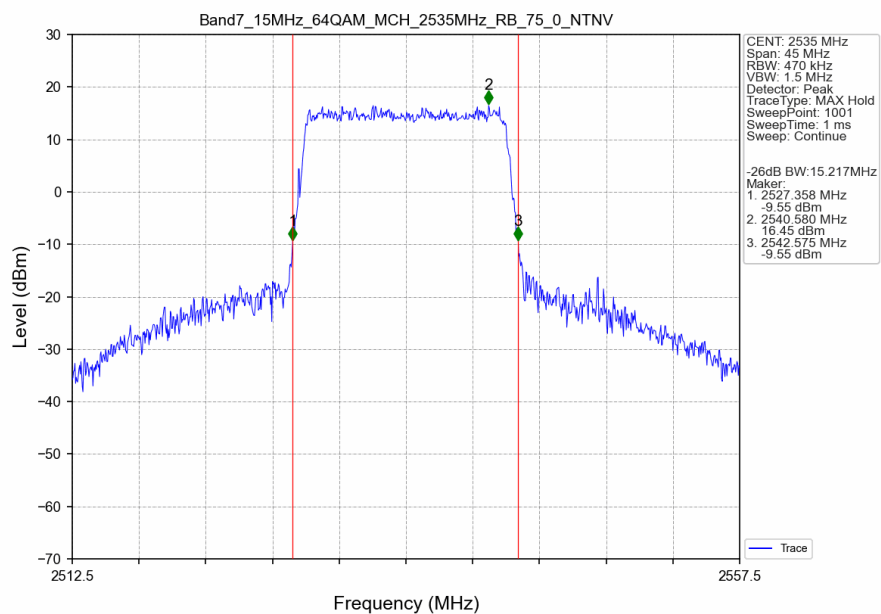
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



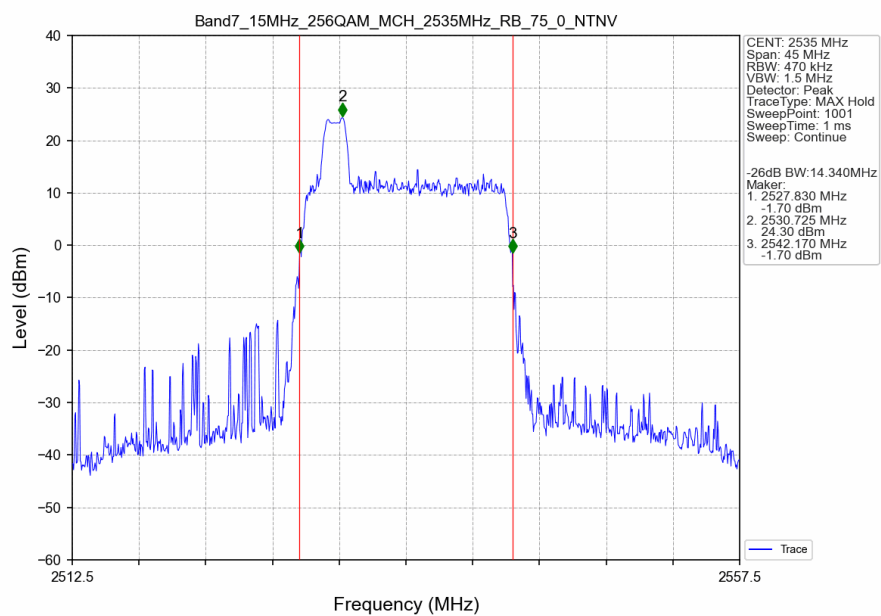
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



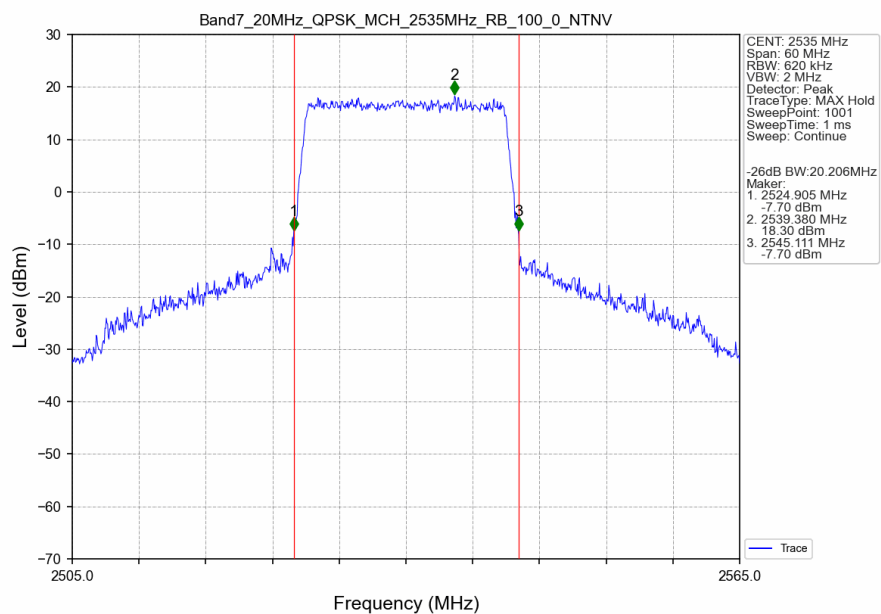
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



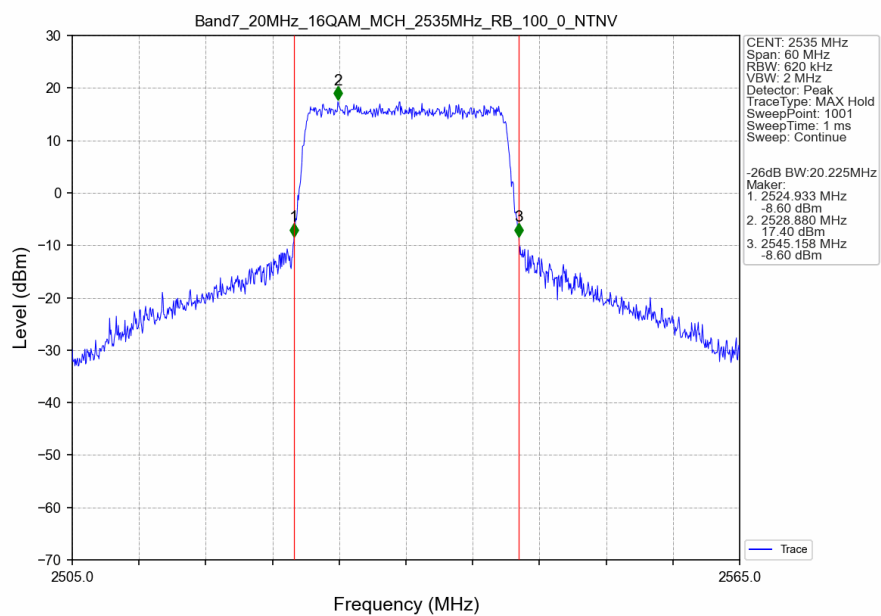
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



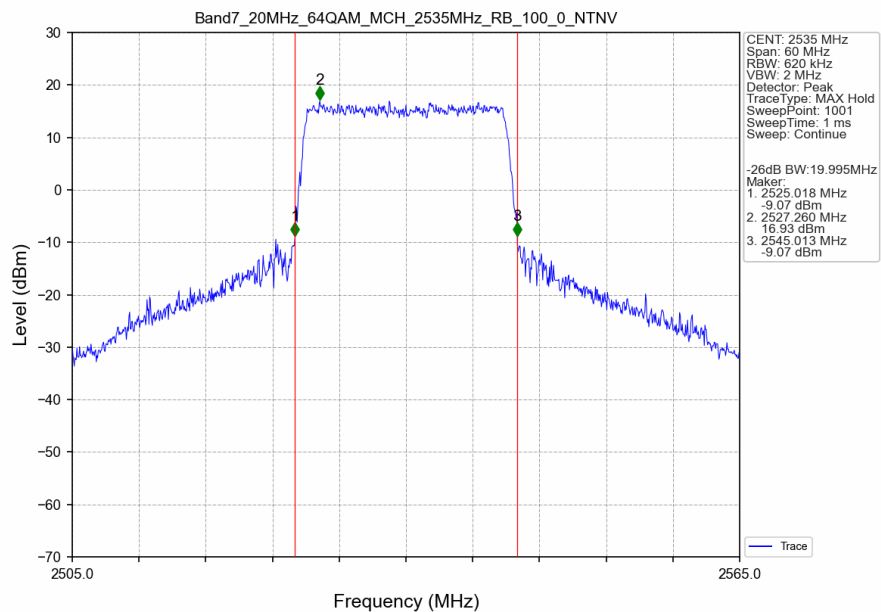
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



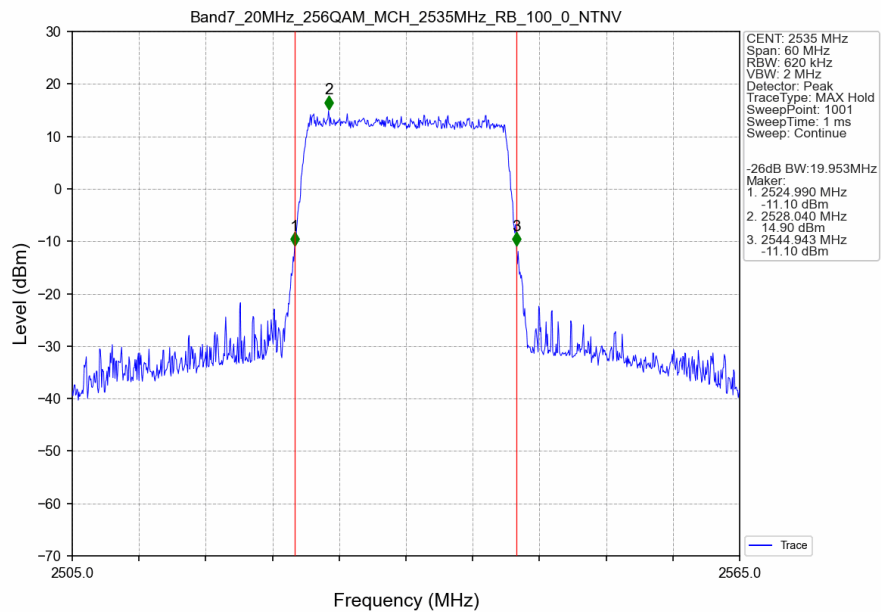
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV





4. Peak-Average Ratio

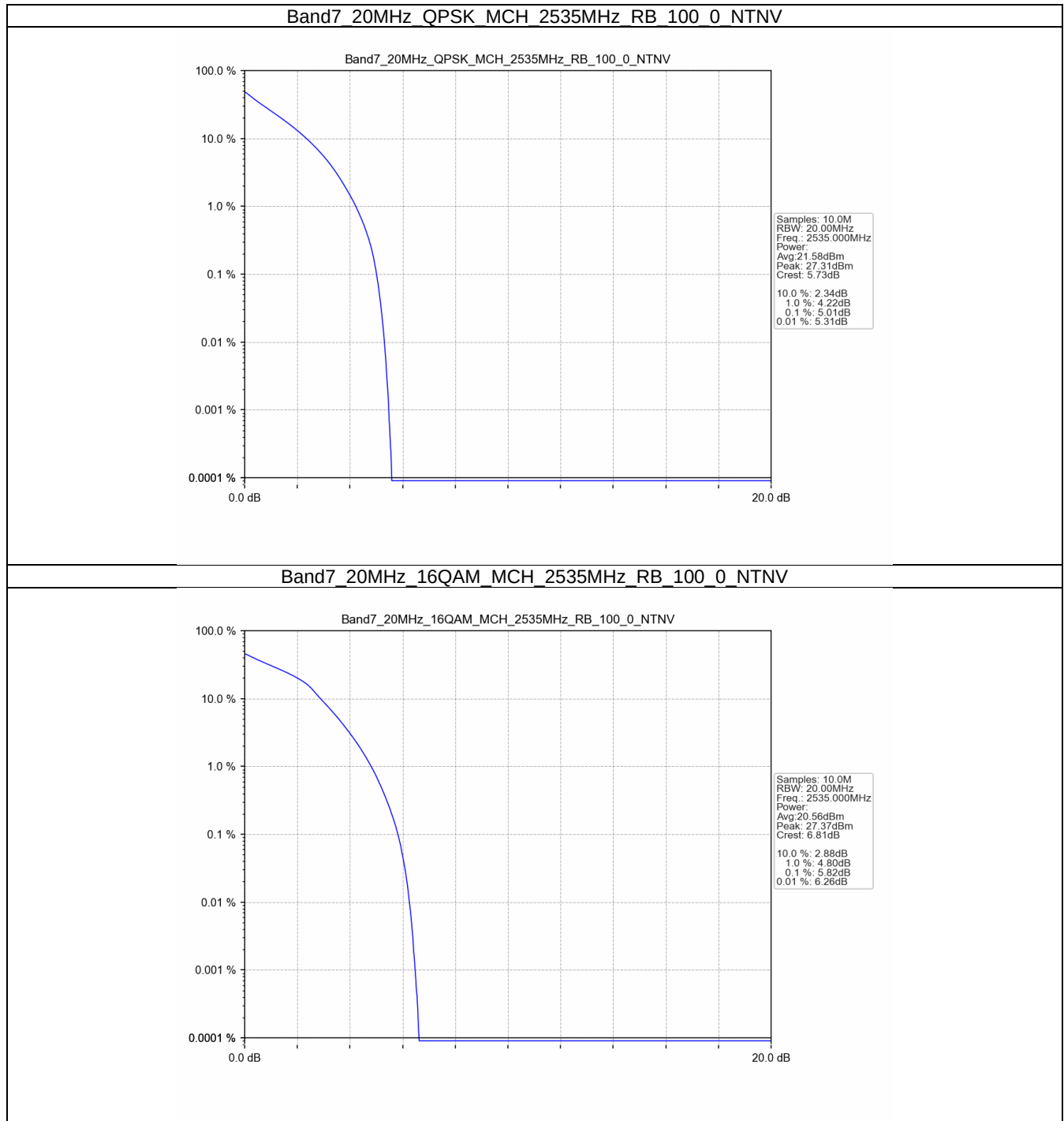
4.1 Test Result

4.1.1 B7_20MHz

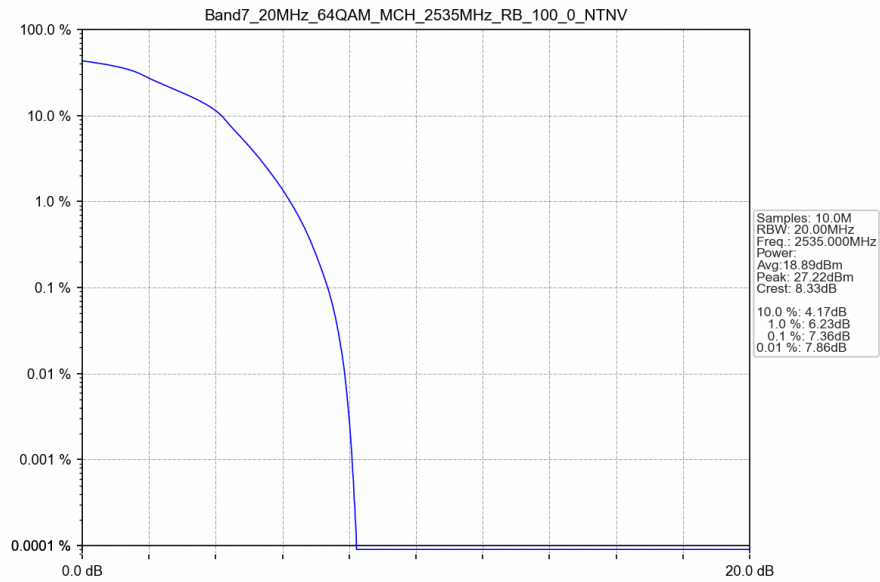
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.01	<=13	Pass
16QAM	2535	100	0	5.82	<=13	Pass
64QAM	2535	100	0	7.36	<=13	Pass
256QAM	2535	100	0	6.74	<=13	Pass

4.2 Test Graph

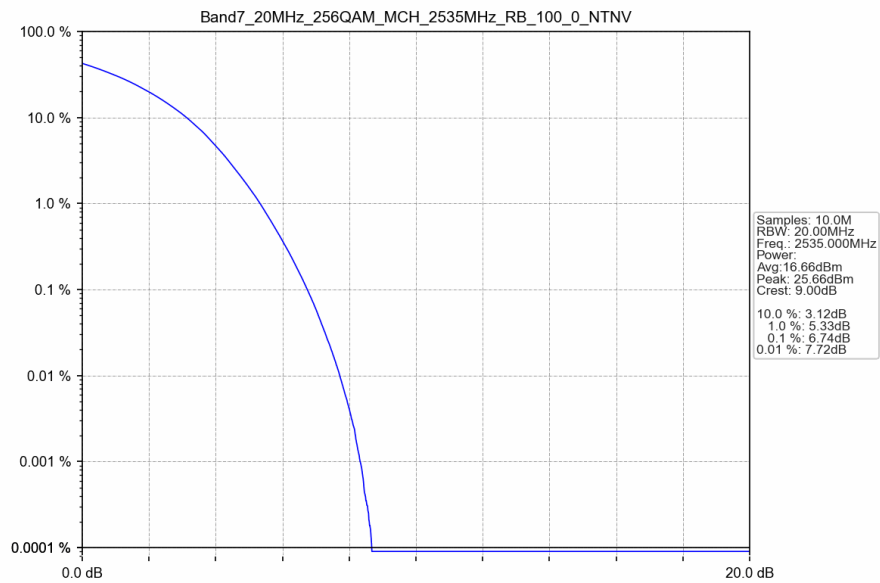
4.2.1 B7_20MHz



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

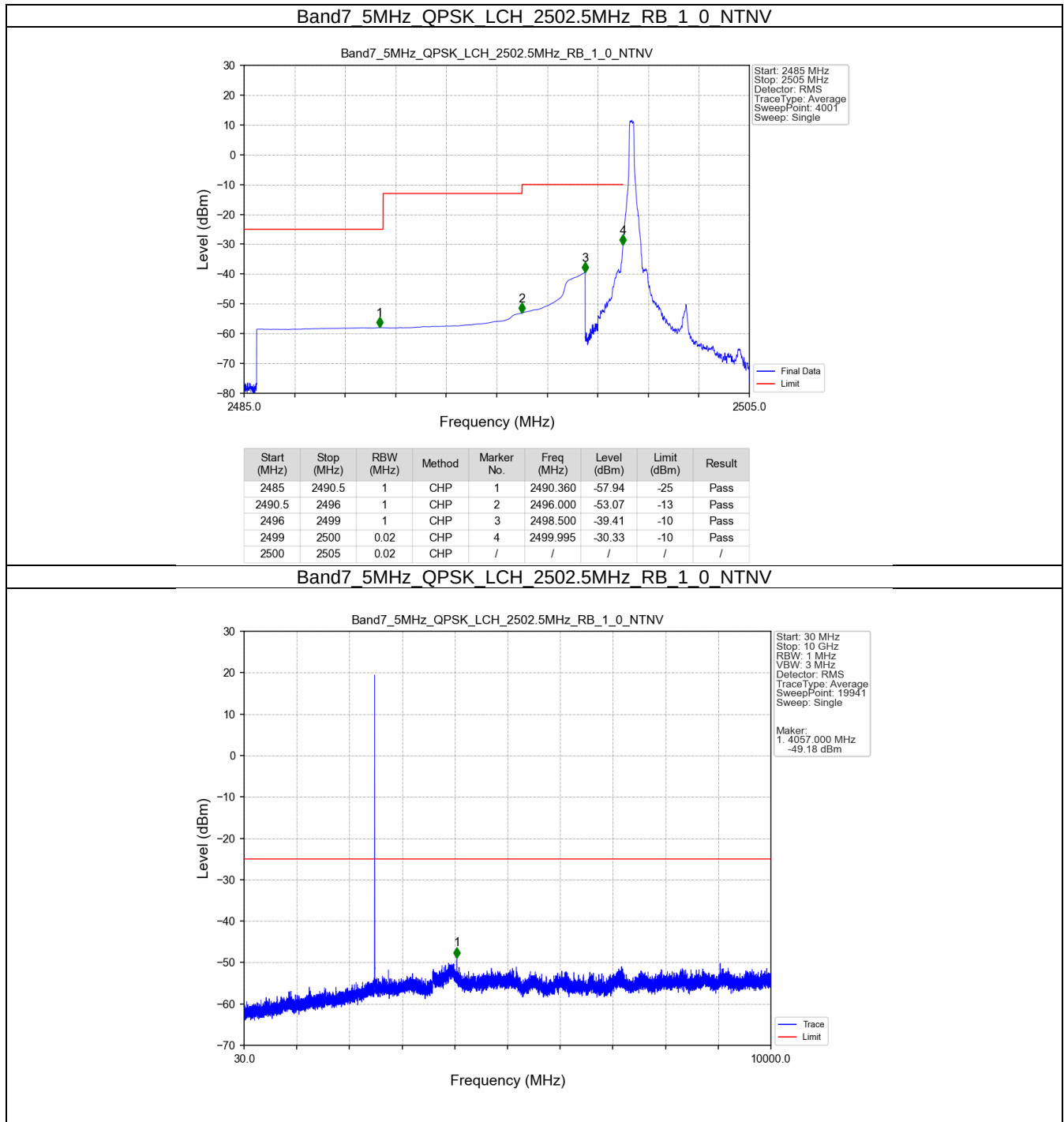
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B7_20MHz

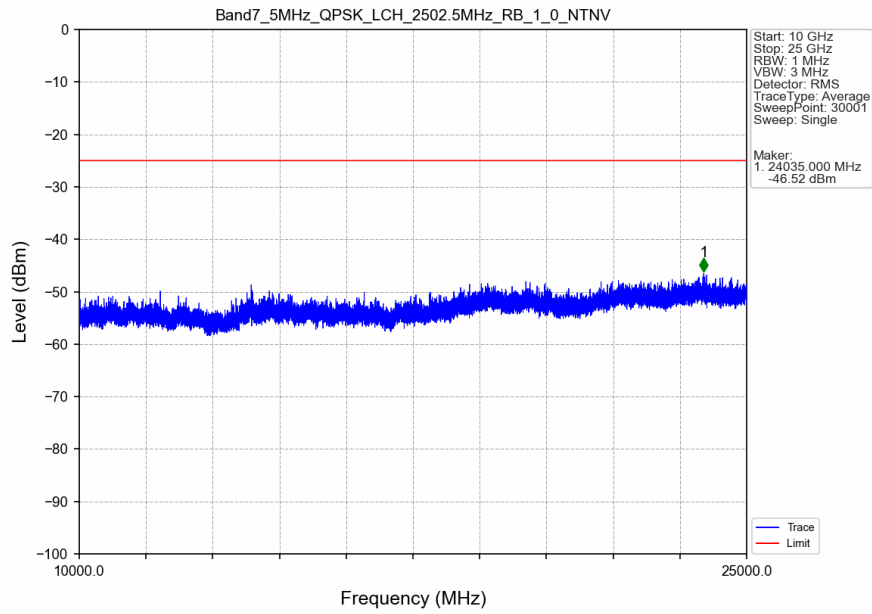
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

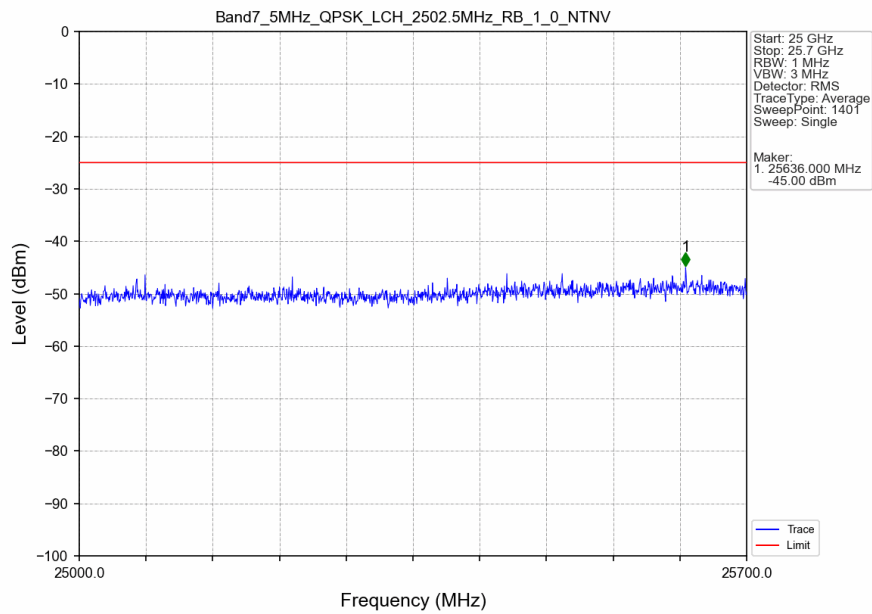
5.2.1 B7_5MHz



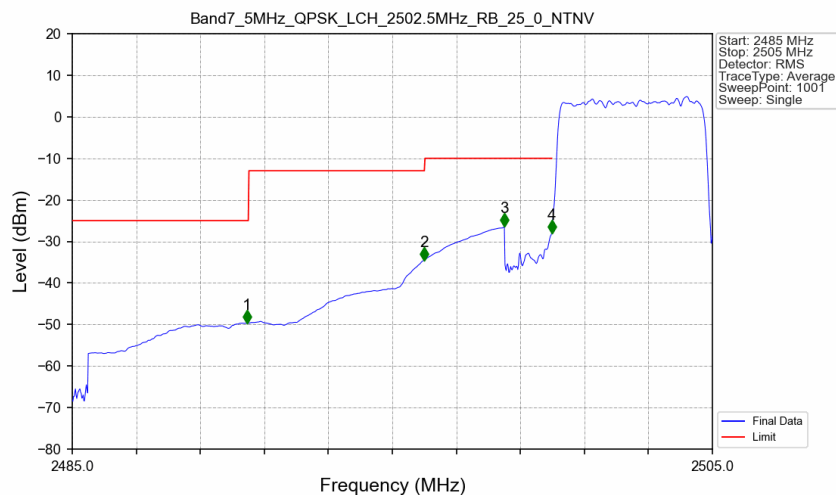
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



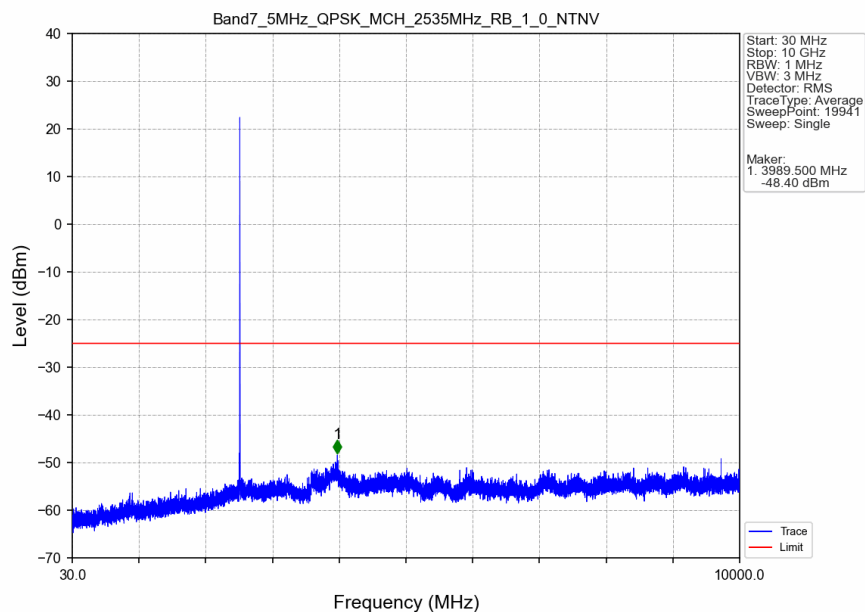
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



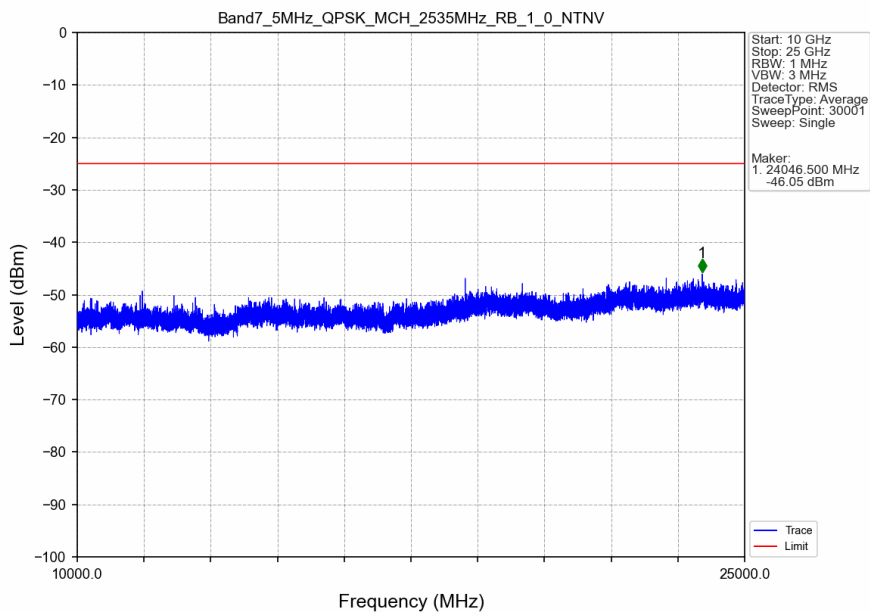
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



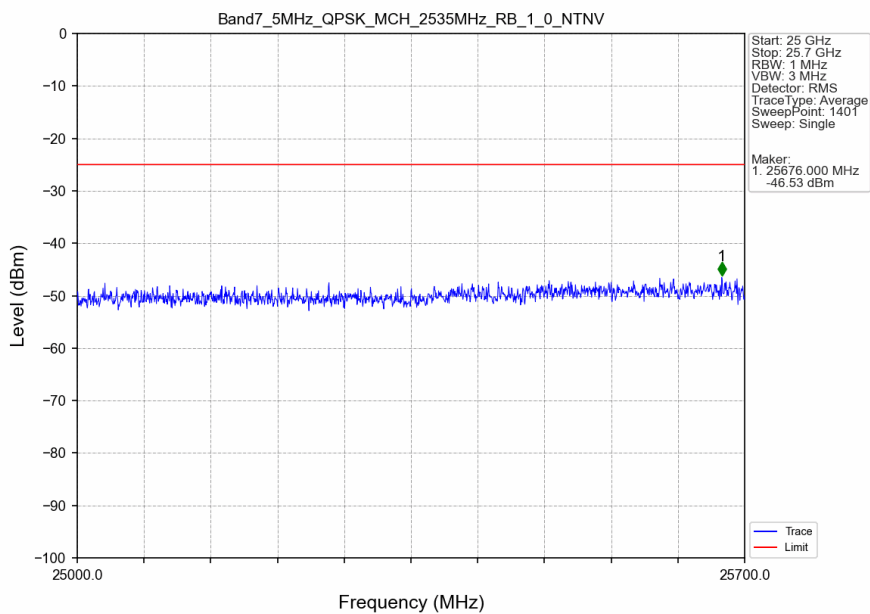
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



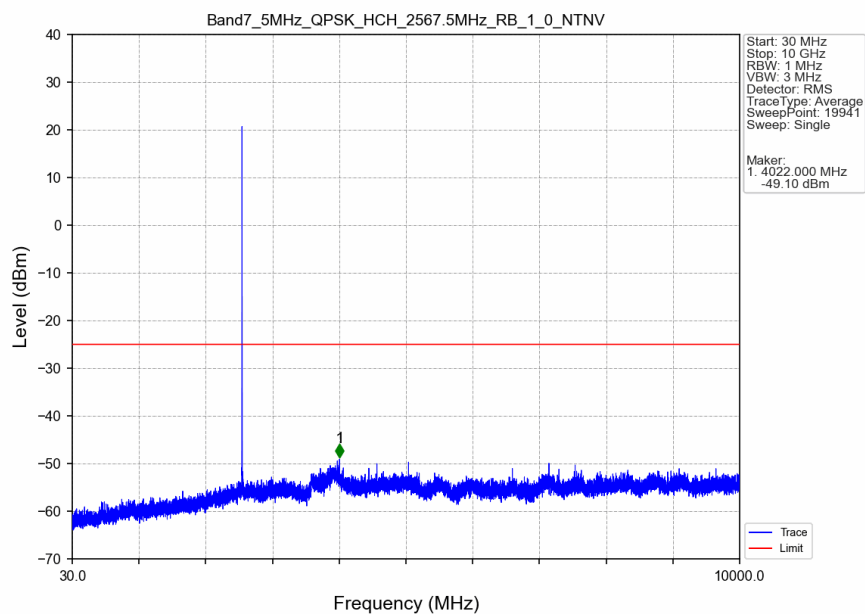
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



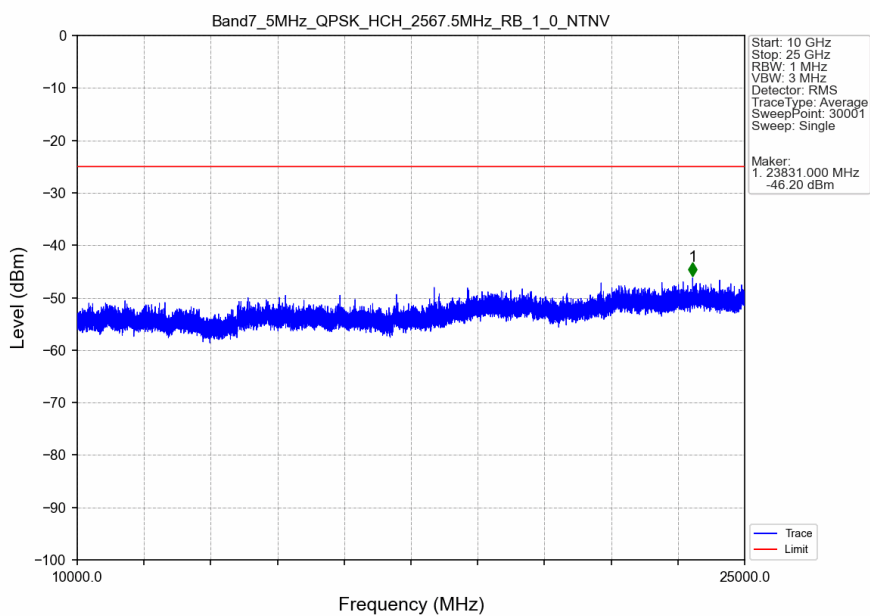
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



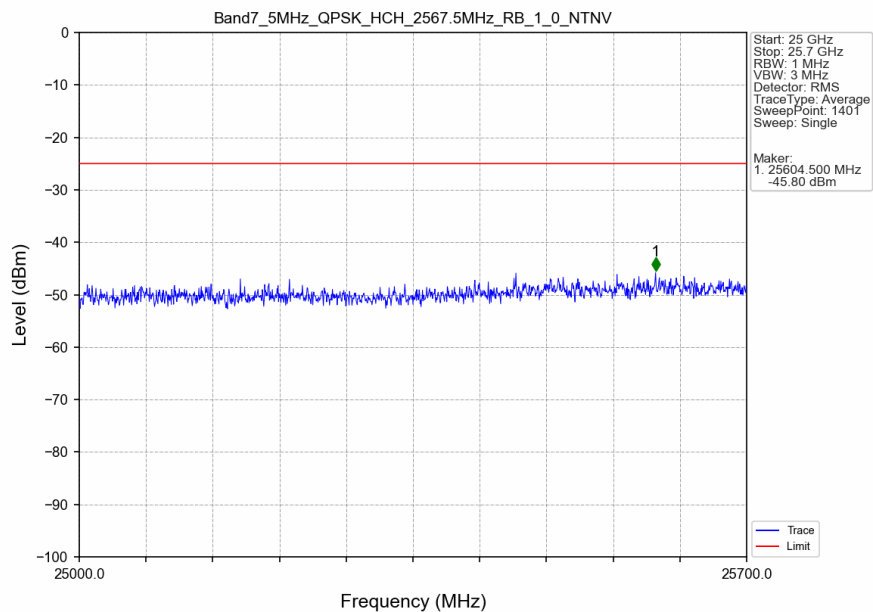
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



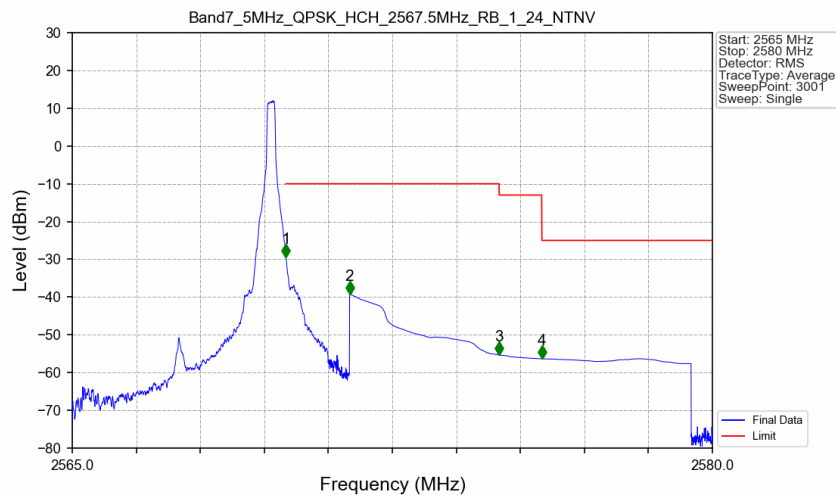
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

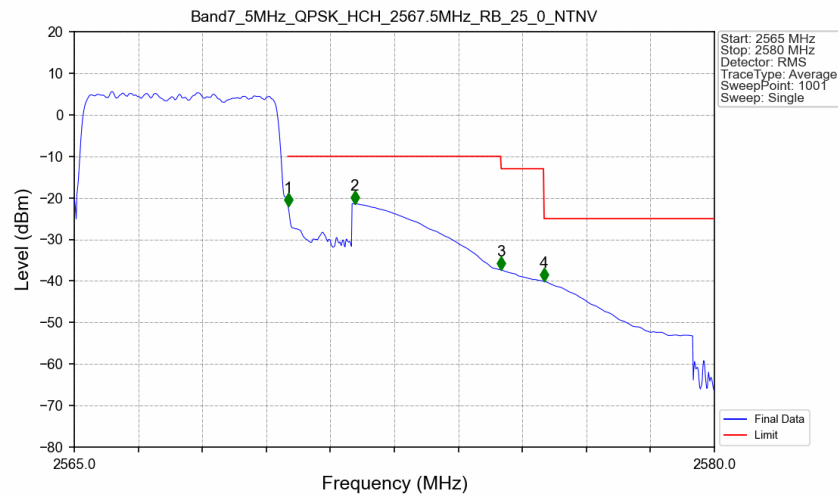


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



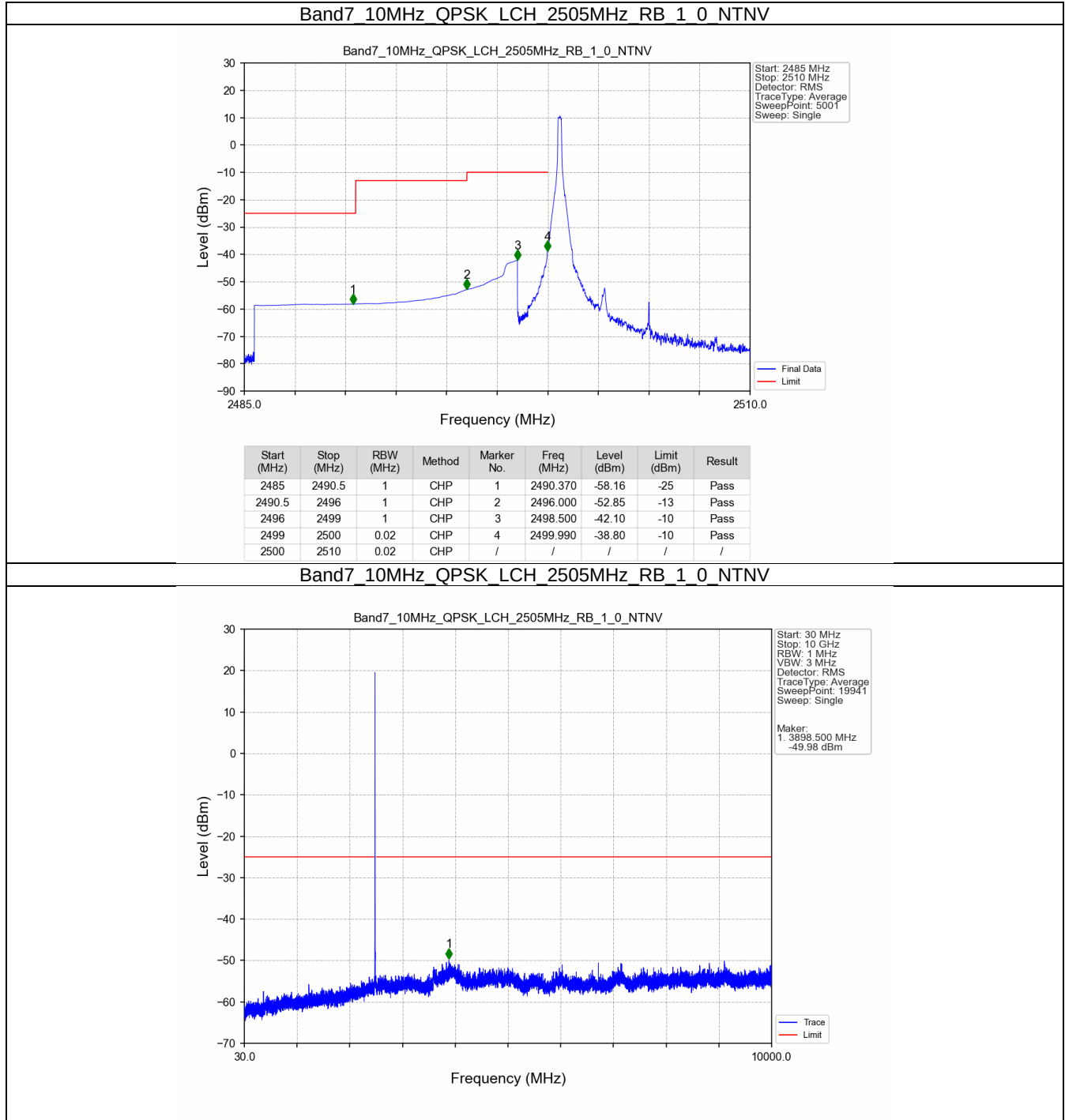
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.40	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.23	-10	Pass
2575	2576	1	CHP	3	2575.005	-55.35	-13	Pass
2576	2580	1	CHP	4	2576.005	-56.33	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

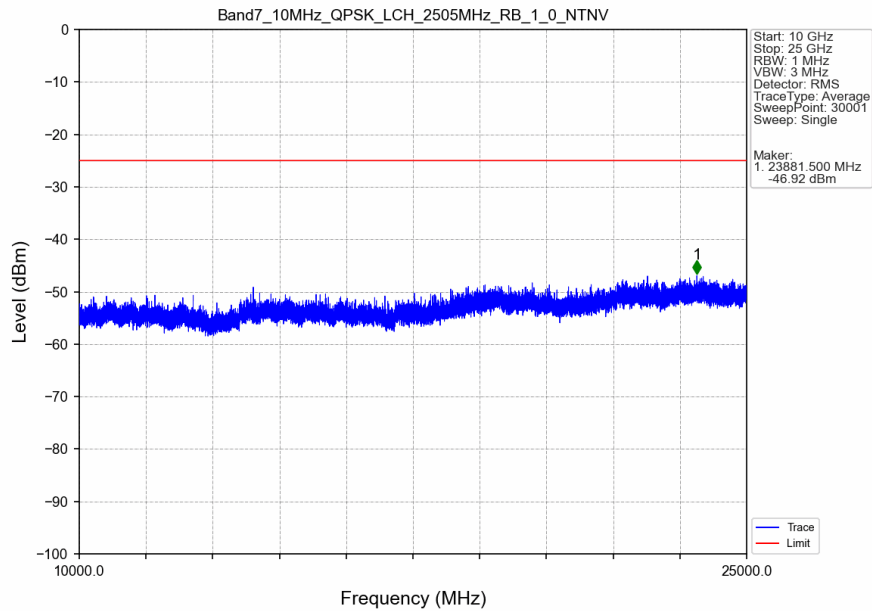


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.106	CHP	/	/	/	/	/
2570	2571	0.106	CHP	1	2570.010	-22.06	-10	Pass
2571	2575	1	CHP	2	2571.570	-21.39	-10	Pass
2575	2576	1	CHP	3	2575.005	-37.37	-13	Pass
2576	2580	1	CHP	4	2576.010	-40.12	-25	Pass

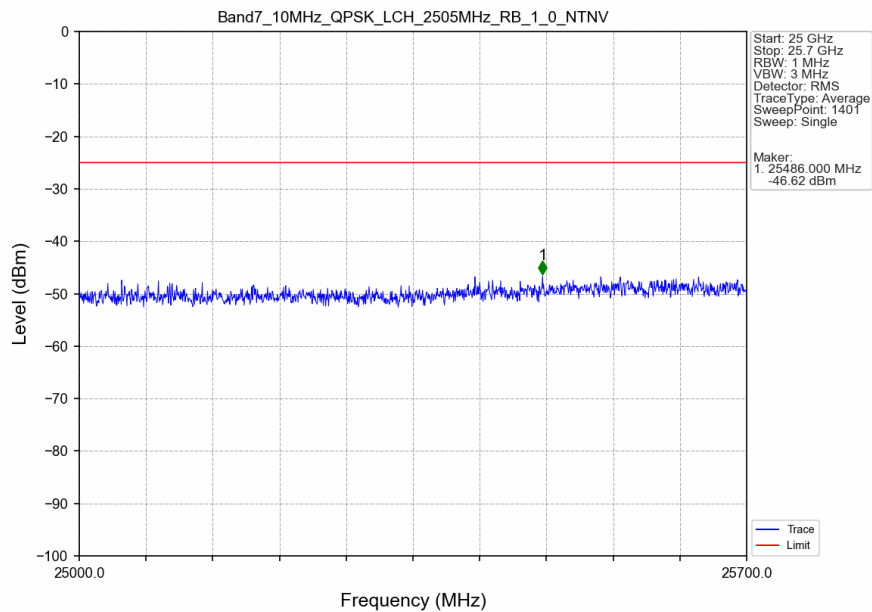
5.2.2 B7_10MHz



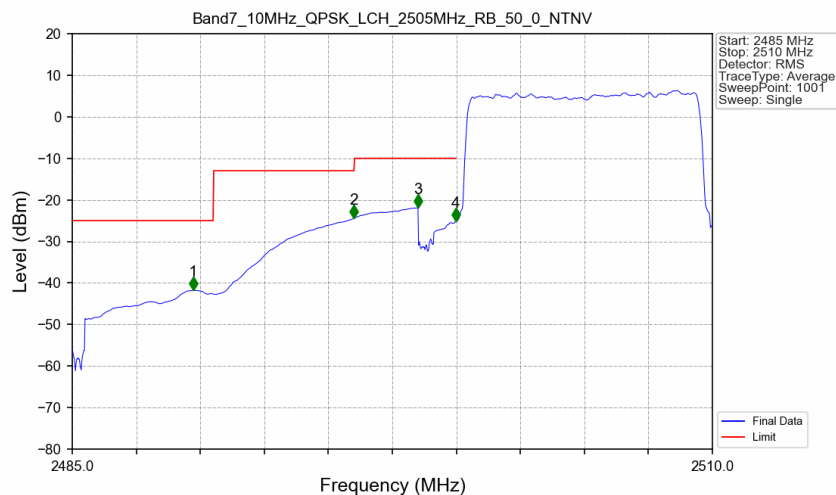
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



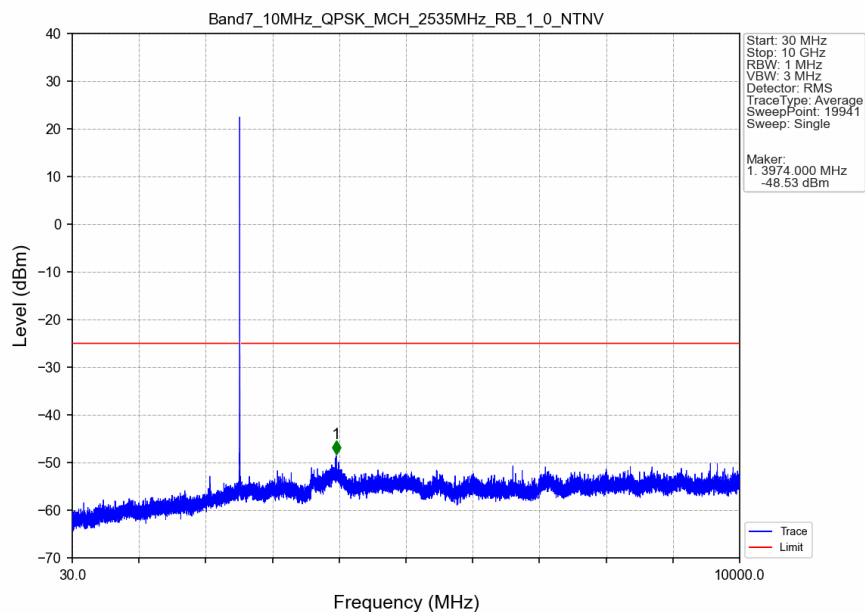
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



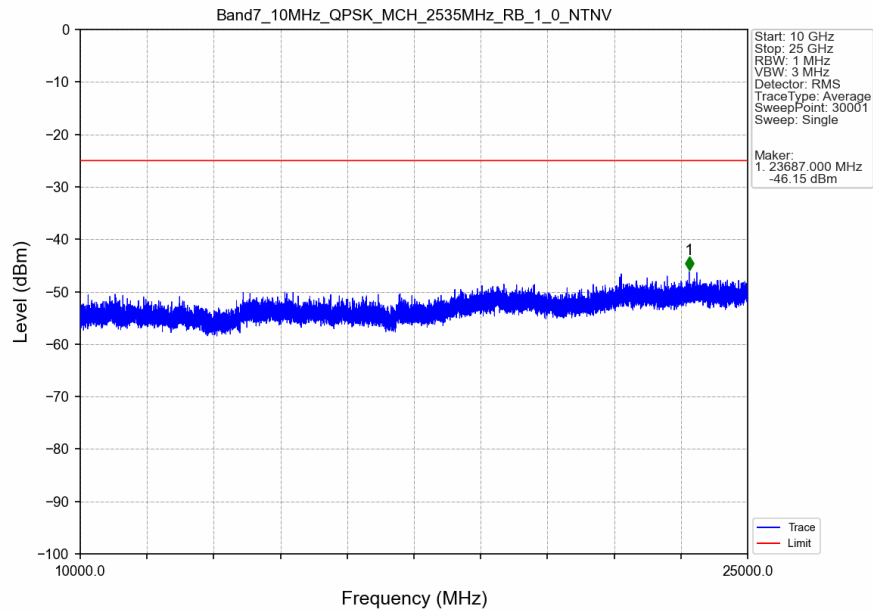
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



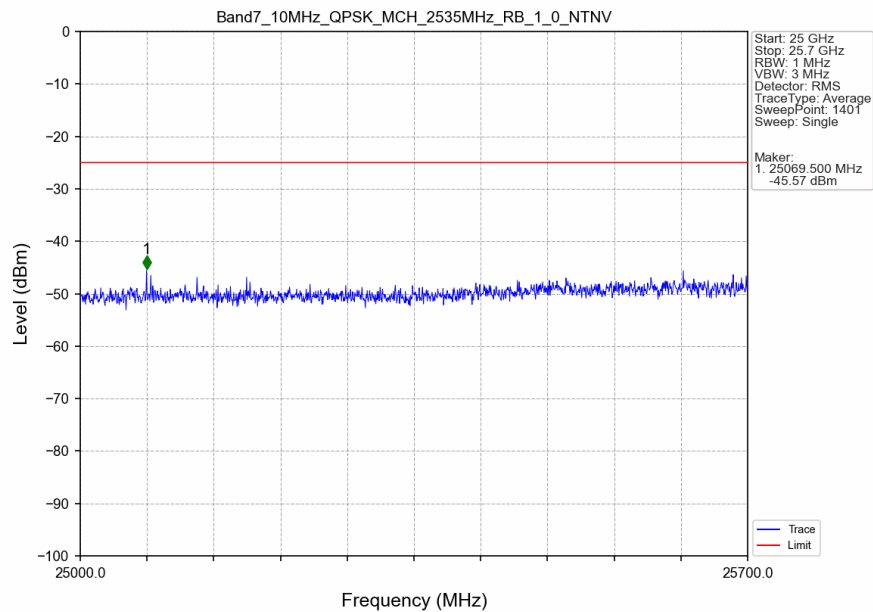
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



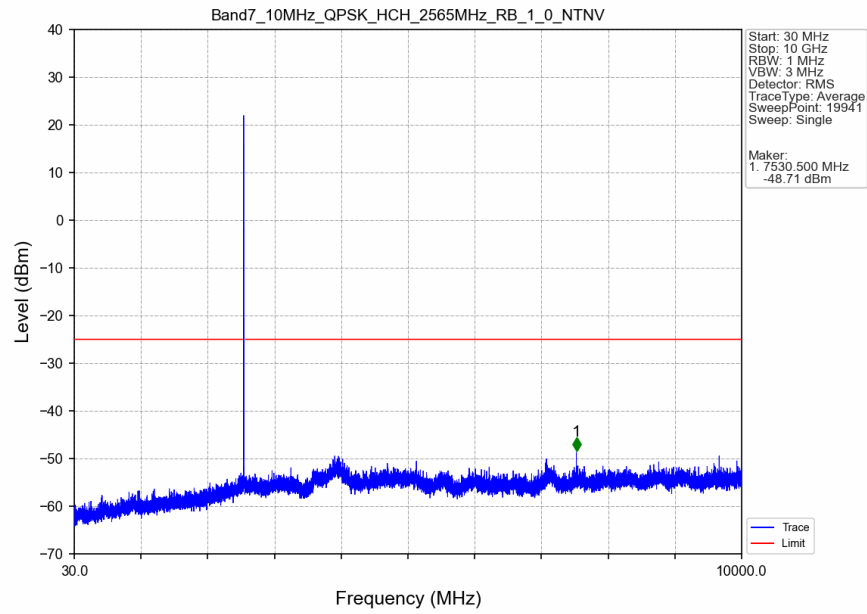
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



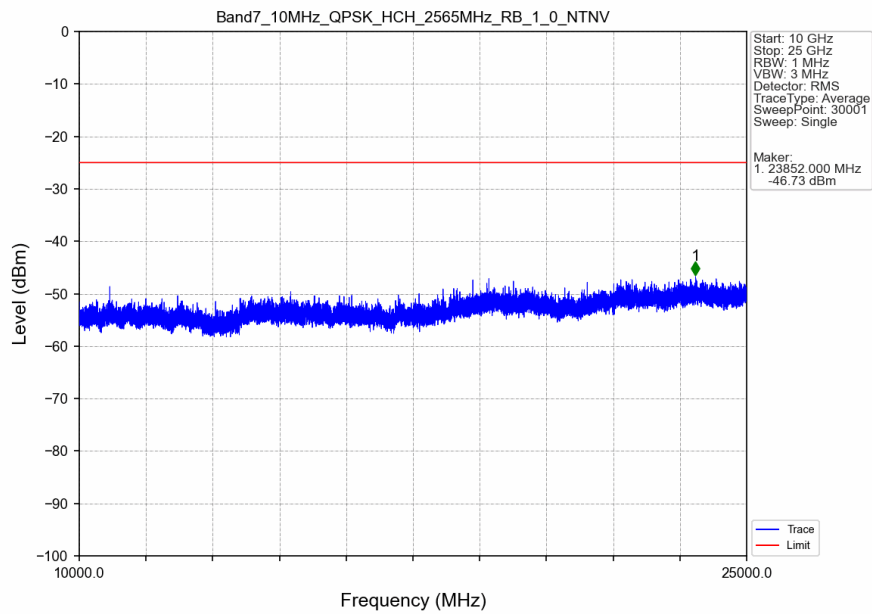
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



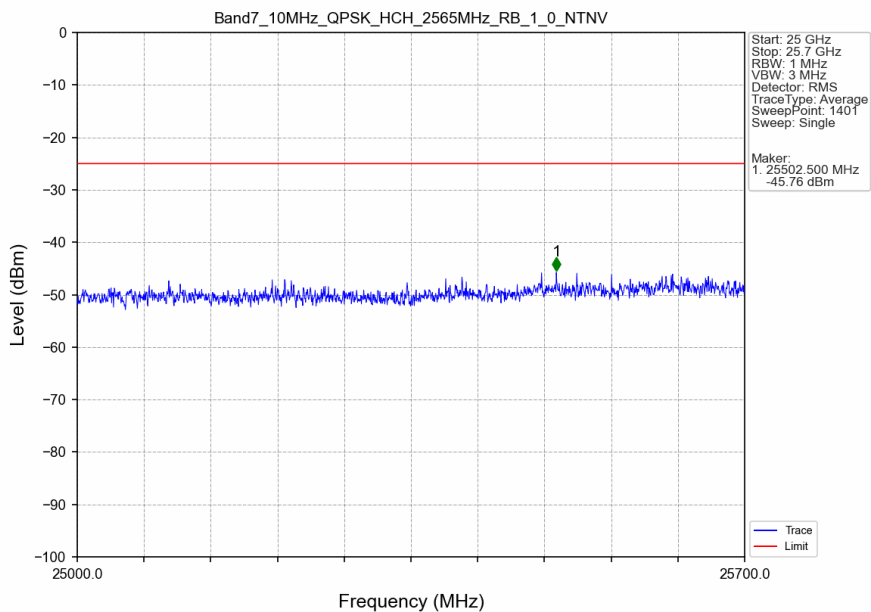
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



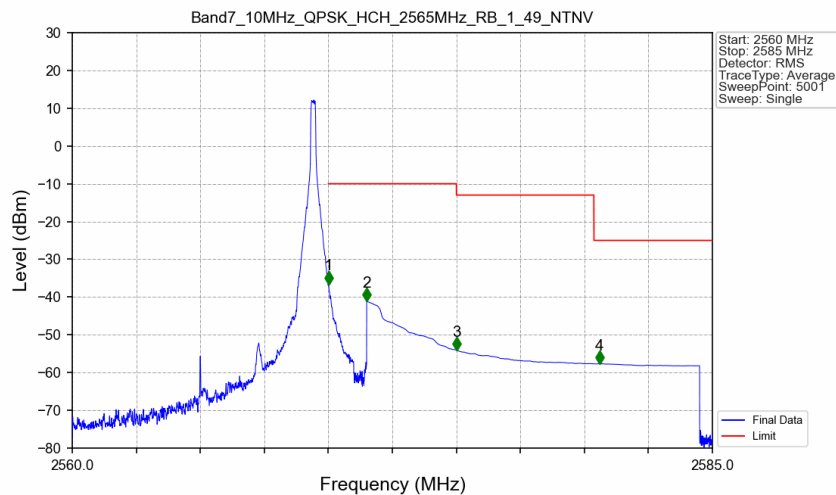
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

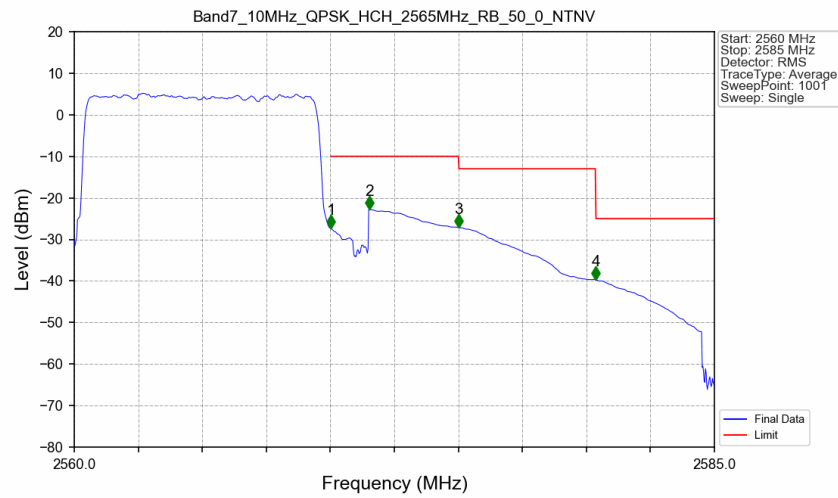


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



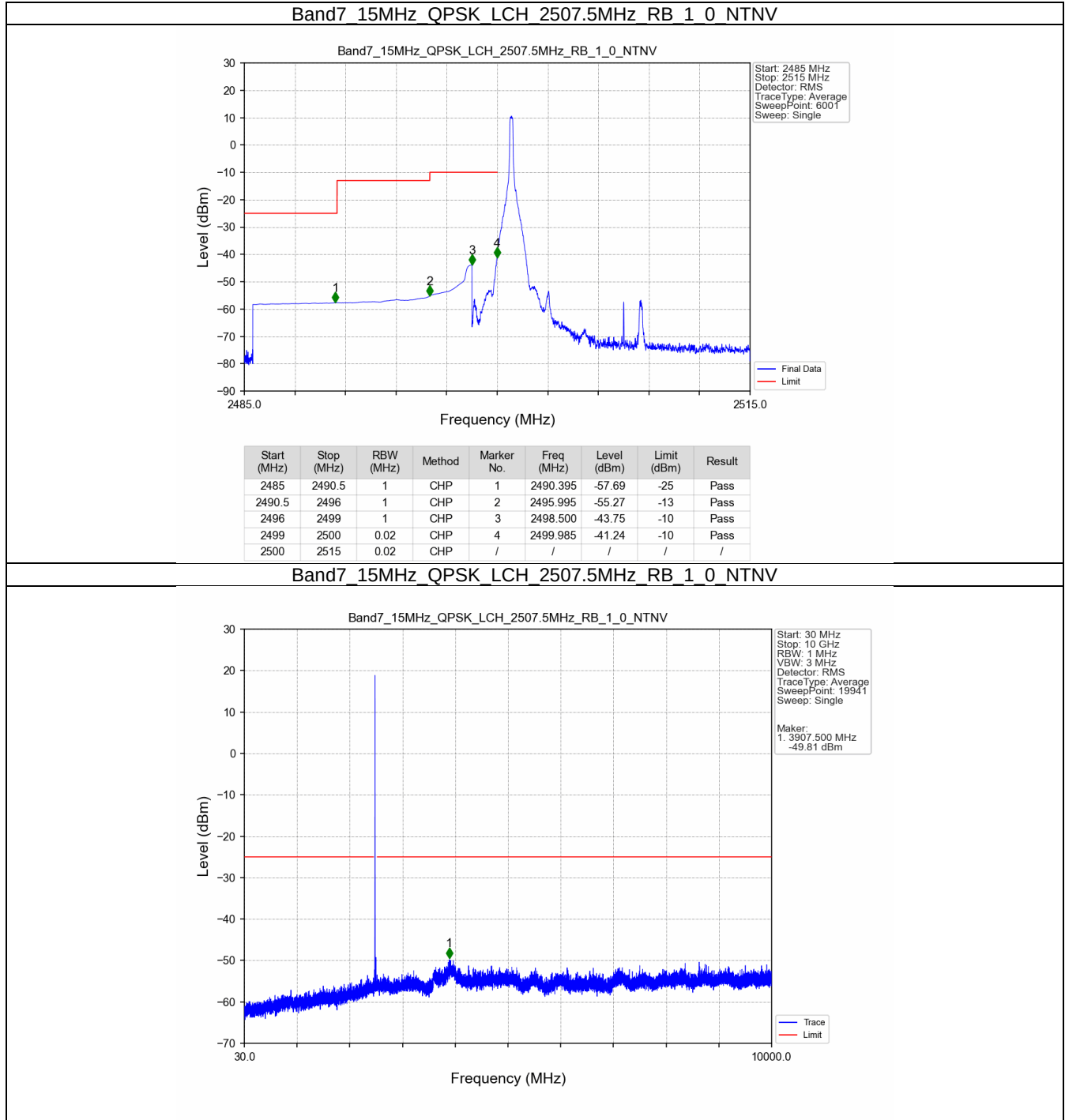
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-36.56	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.13	-10	Pass
2575	2580.372	1	CHP	3	2575.005	-54.11	-13	Pass
2580.372	2585	1	CHP	4	2580.585	-57.65	-25	Pass

Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

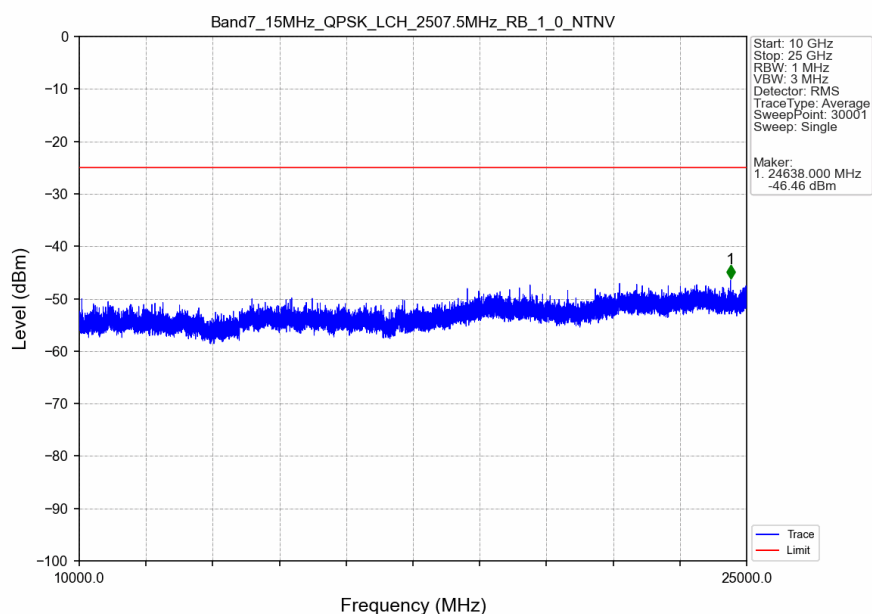


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.207	CHP	/	/	/	/	/
2570	2571	0.207	CHP	1	2570.025	-27.33	-10	Pass
2571	2575	1	CHP	2	2571.525	-22.81	-10	Pass
2575	2580.372	1	CHP	3	2575.025	-27.17	-13	Pass
2580.372	2585	1	CHP	4	2580.375	-39.74	-25	Pass

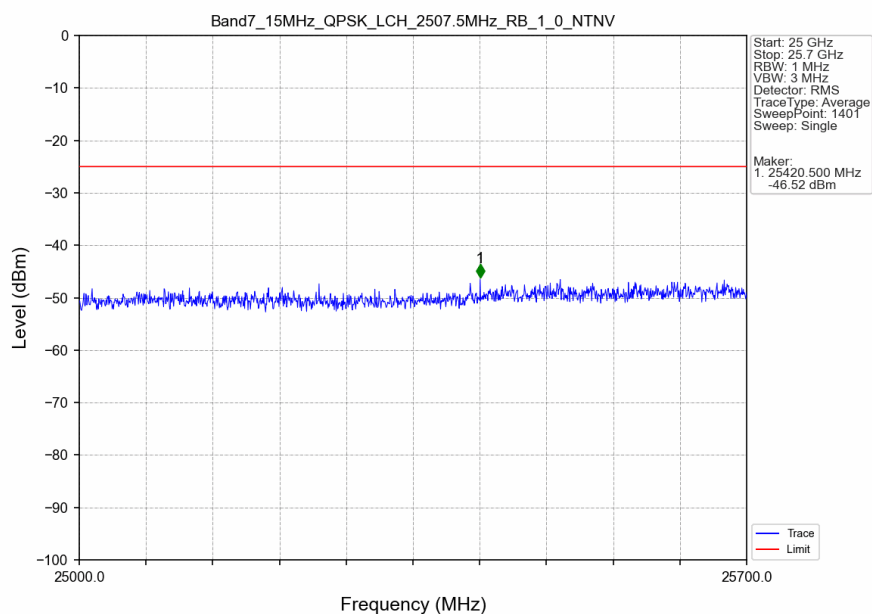
5.2.3 B7_15MHz



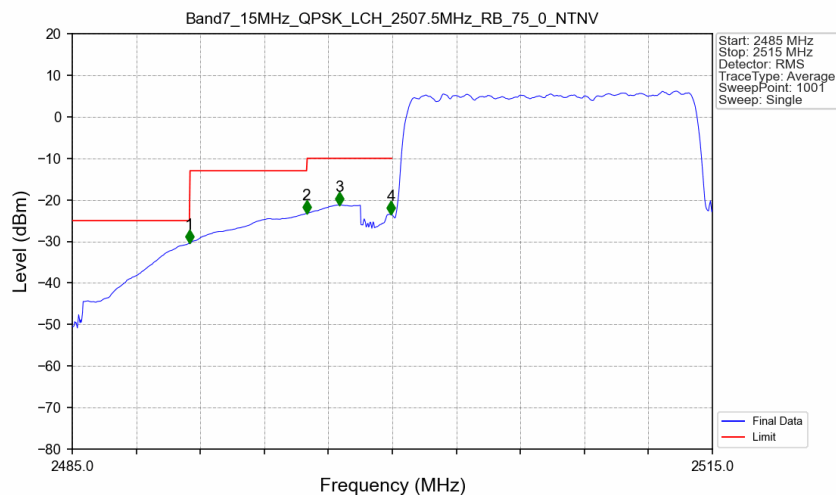
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



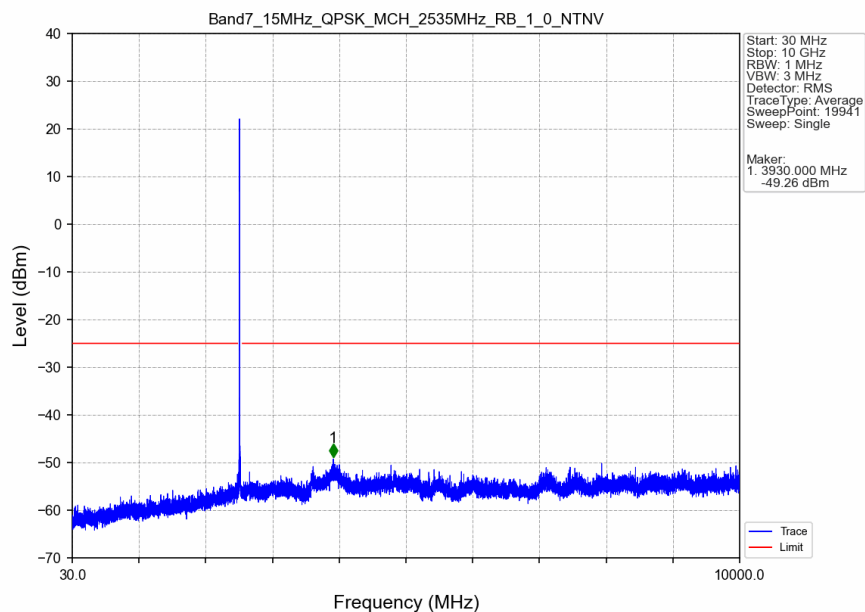
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



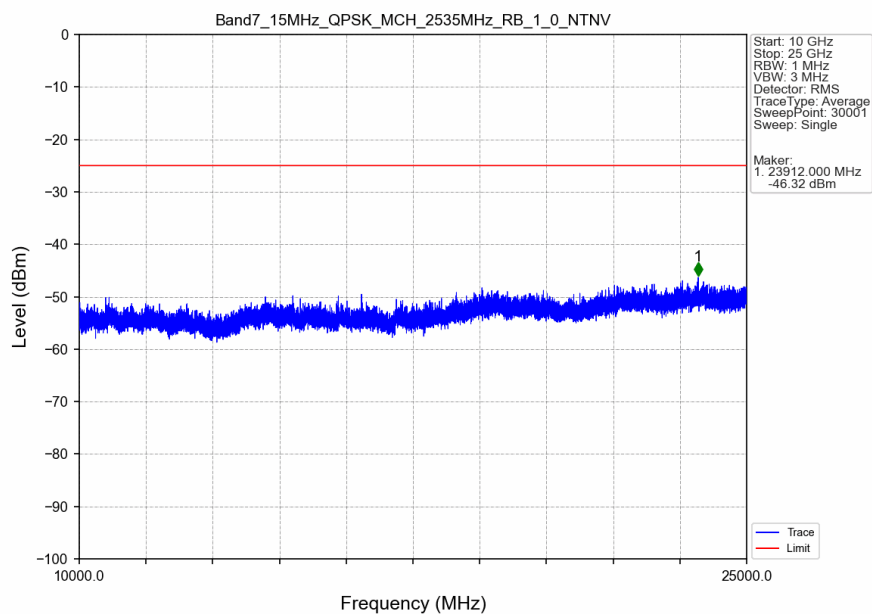
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



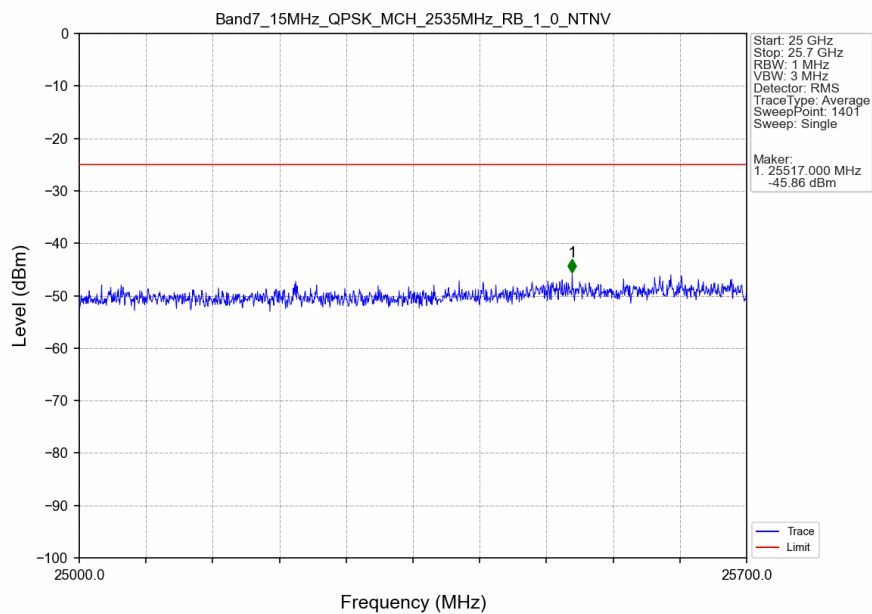
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



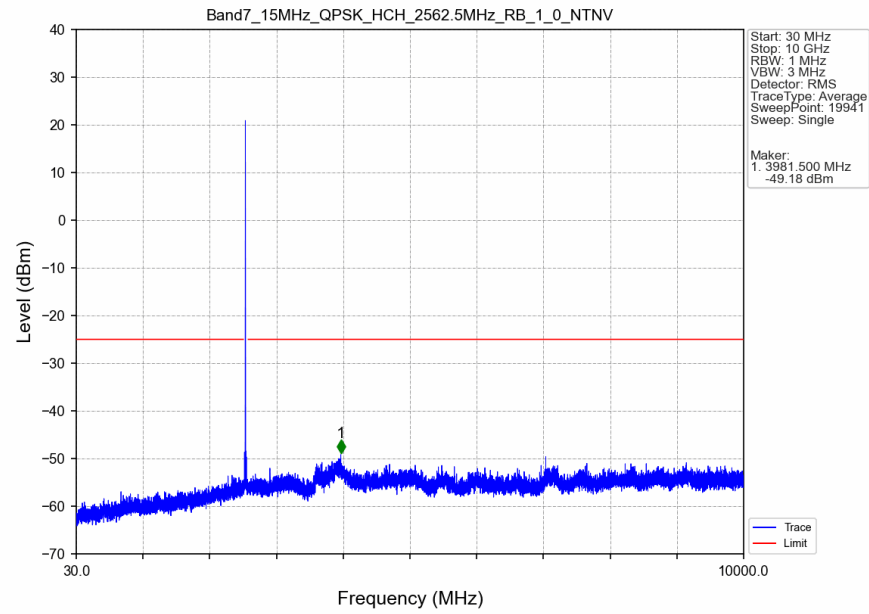
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



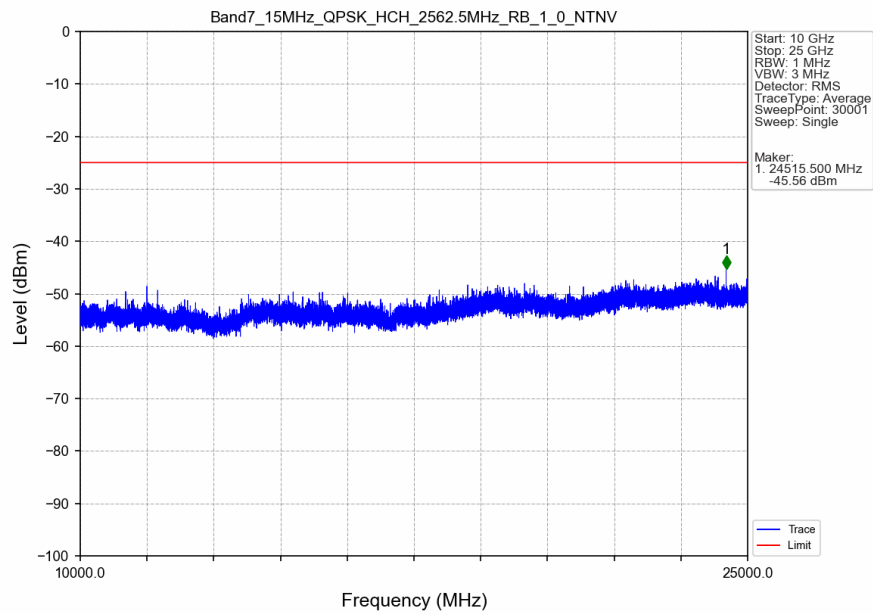
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



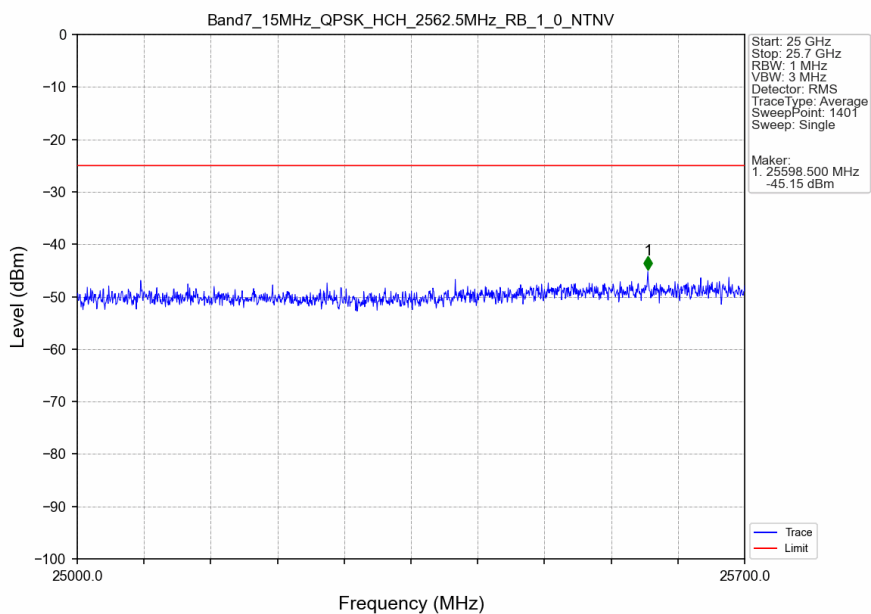
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



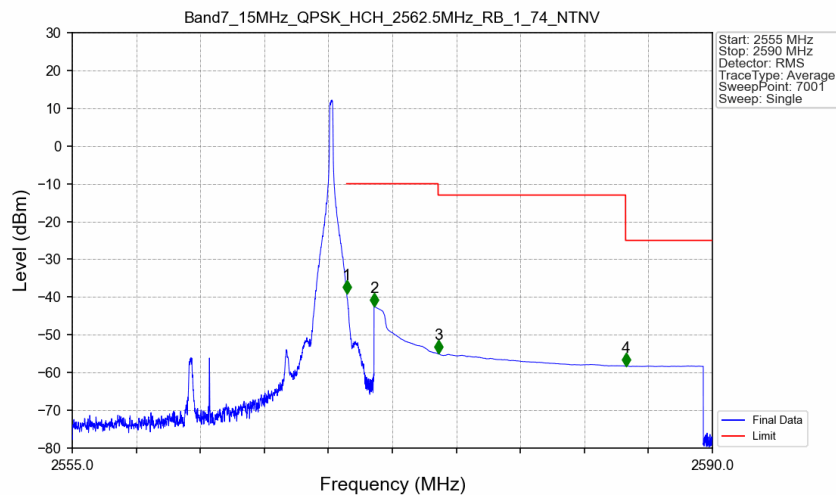
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

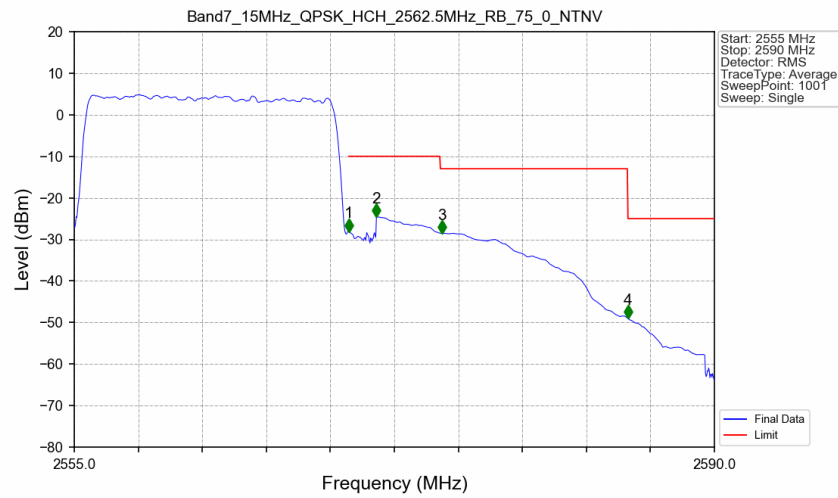


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



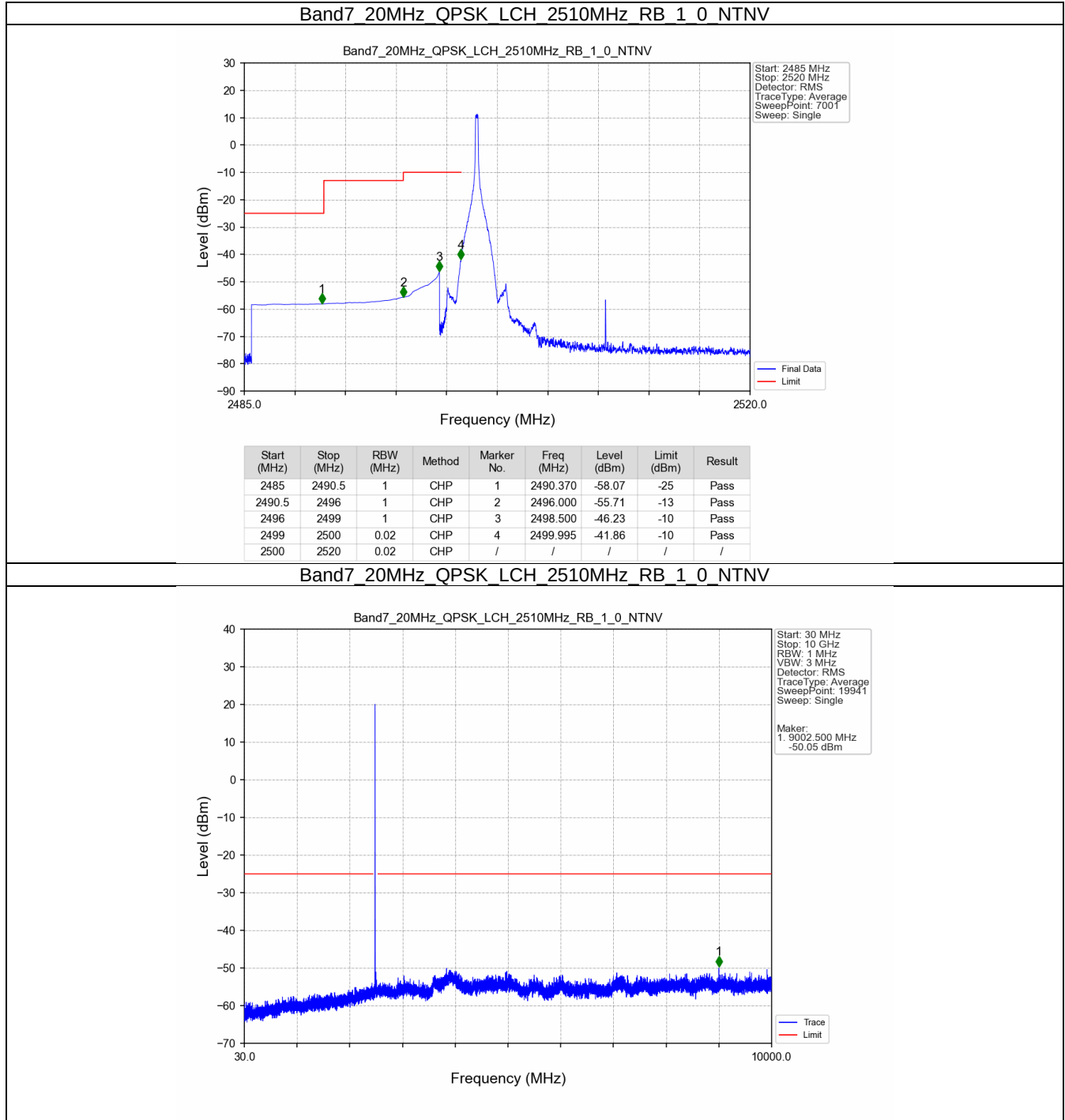
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-39.16	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.47	-10	Pass
2575	2585.252	1	CHP	3	2575.005	-54.99	-13	Pass
2585.252	2590	1	CHP	4	2585.285	-58.21	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

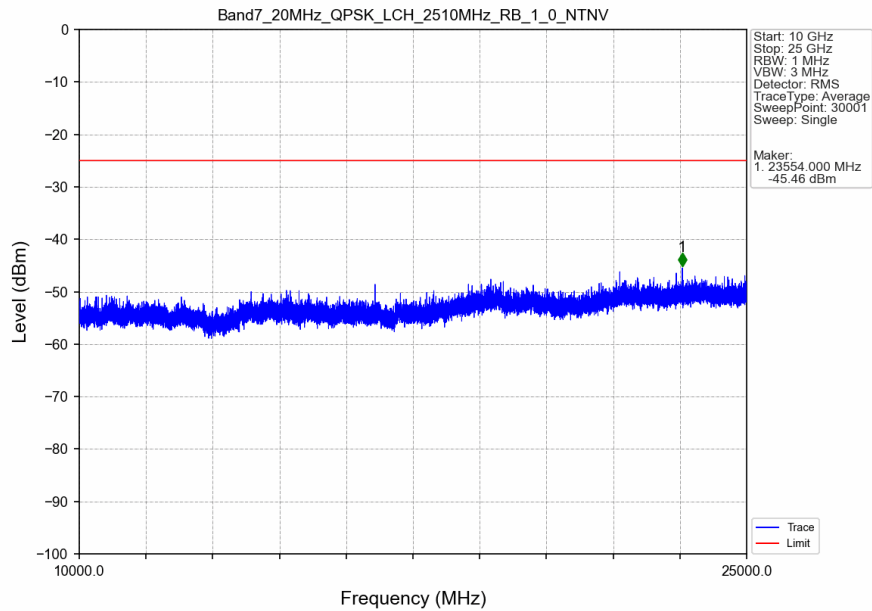


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.305	CHP	/	/	/	/	/
2570	2571	0.305	CHP	1	2570.015	-28.12	-10	Pass
2571	2575	1	CHP	2	2571.520	-24.62	-10	Pass
2575	2585.252	1	CHP	3	2575.090	-28.51	-13	Pass
2585.252	2590	1	CHP	4	2585.275	-49.05	-25	Pass

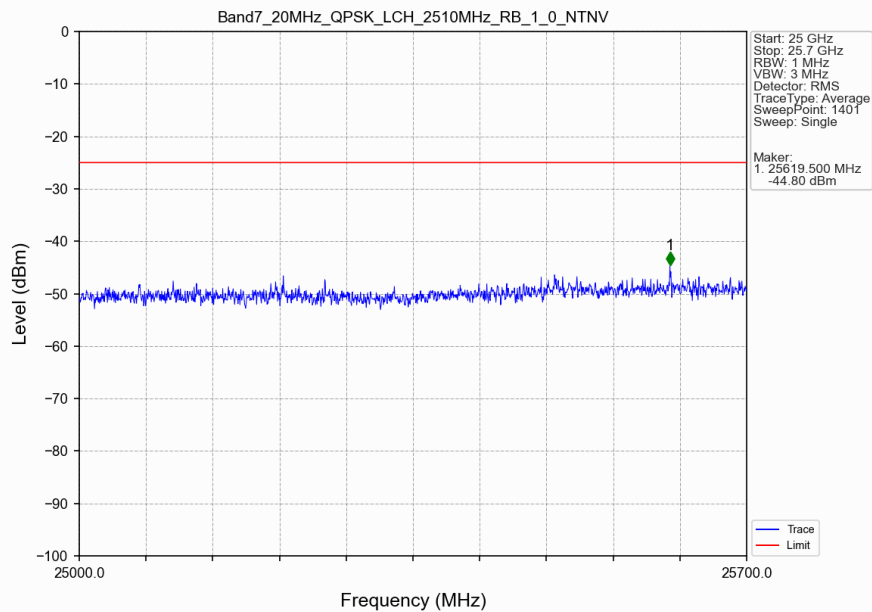
5.2.4 B7_20MHz



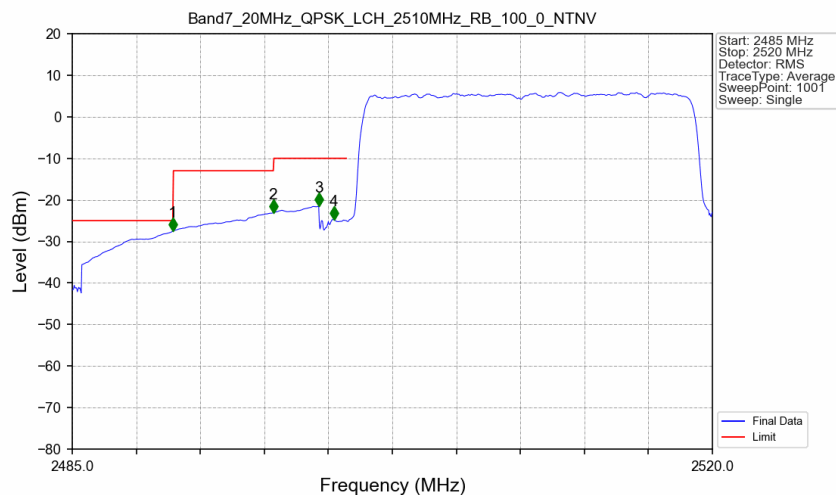
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



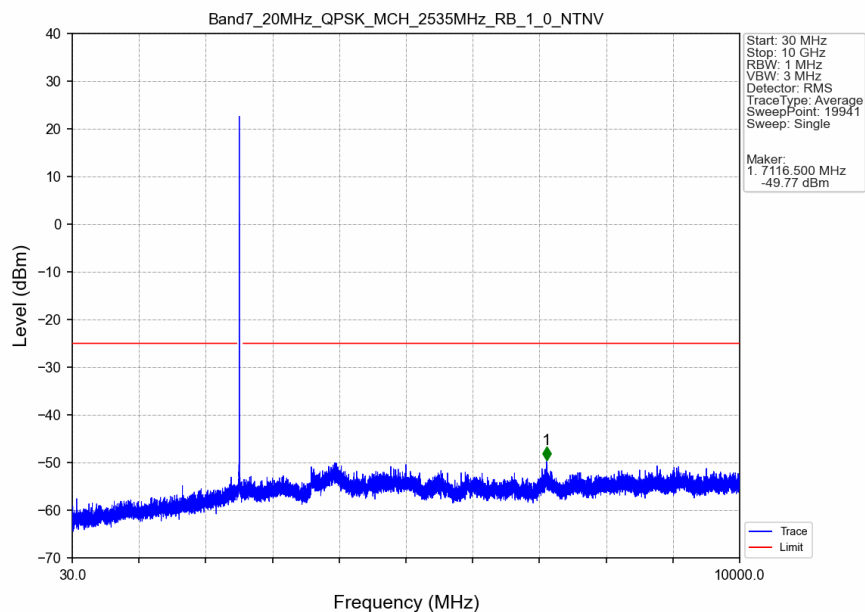
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



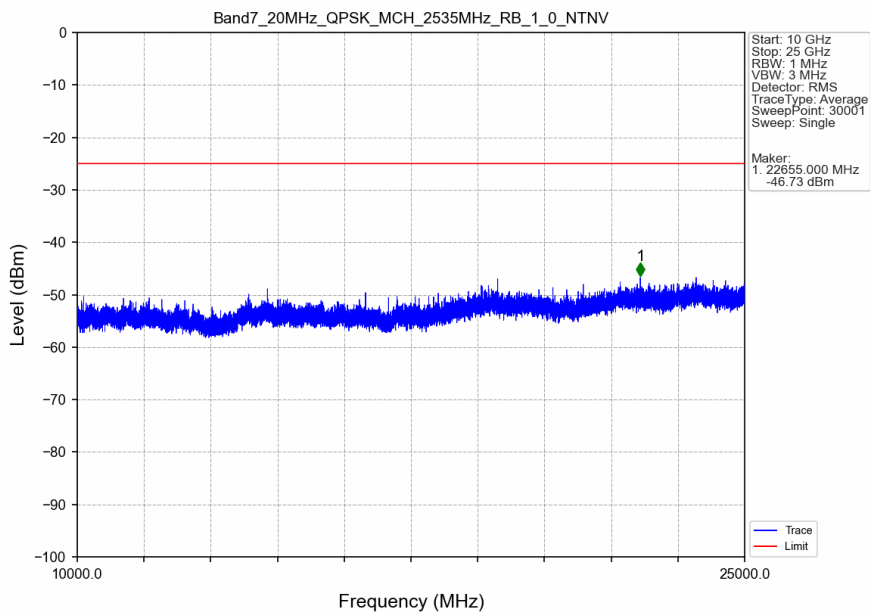
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



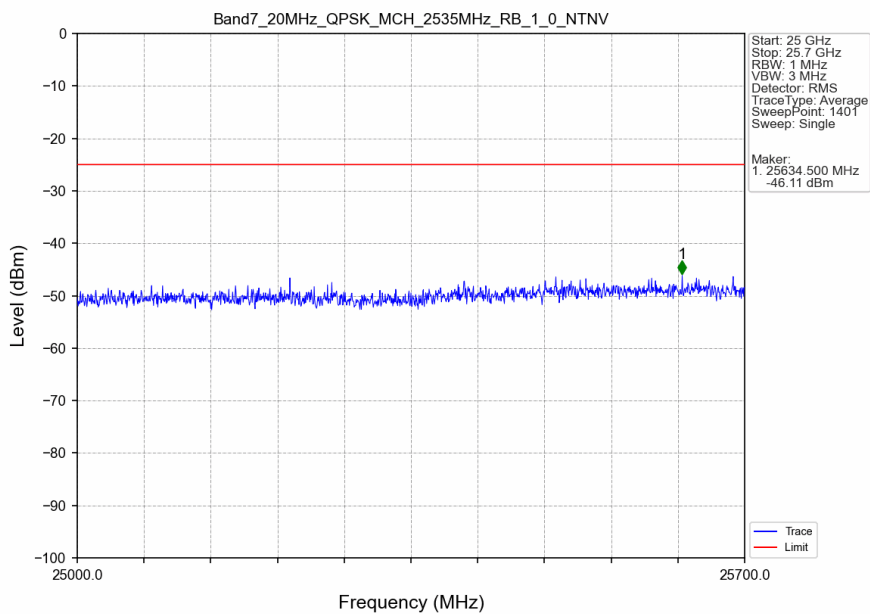
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



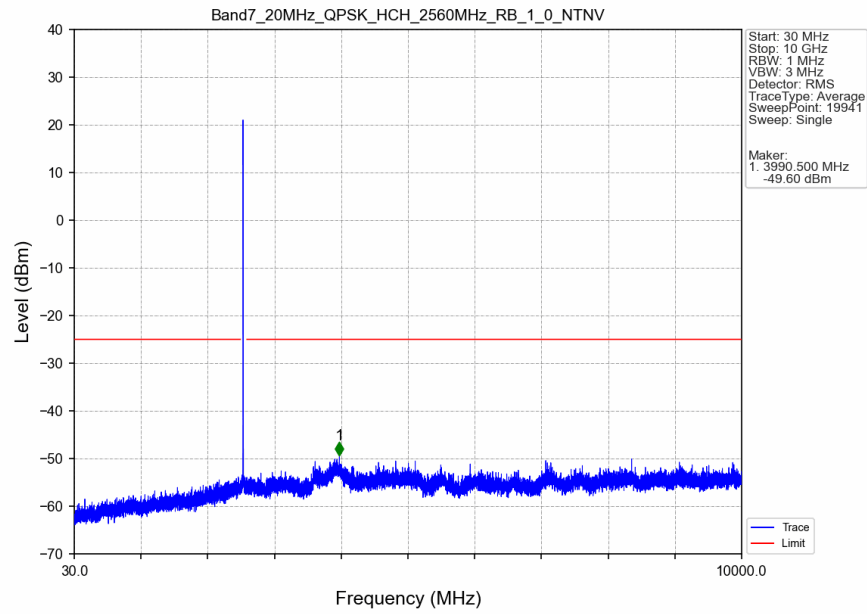
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



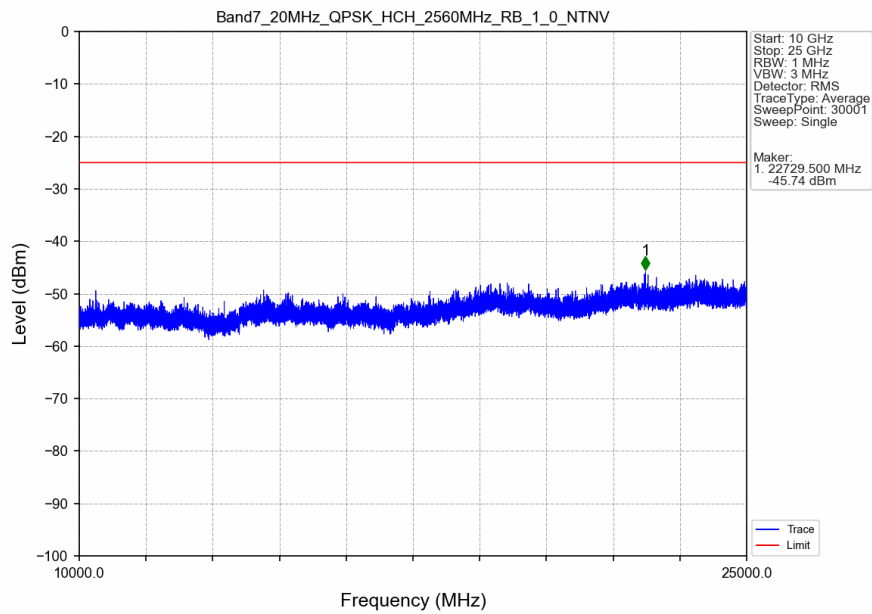
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



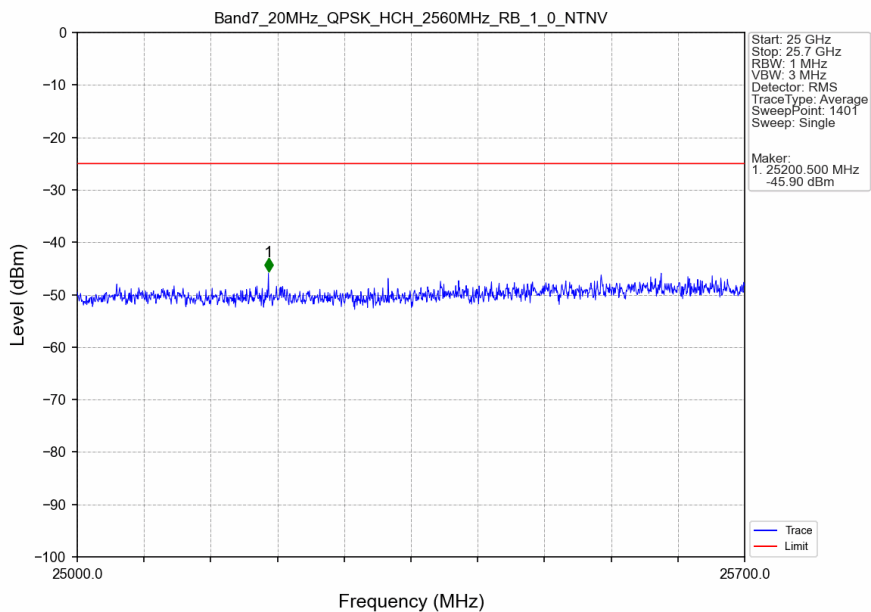
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



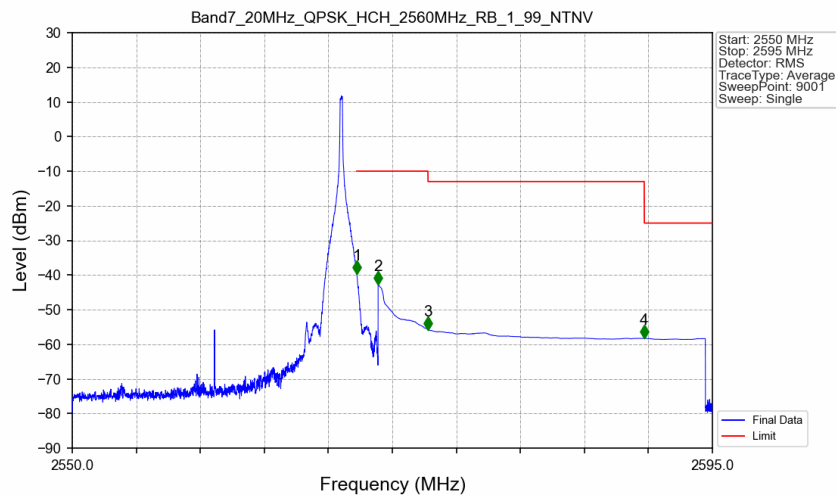
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

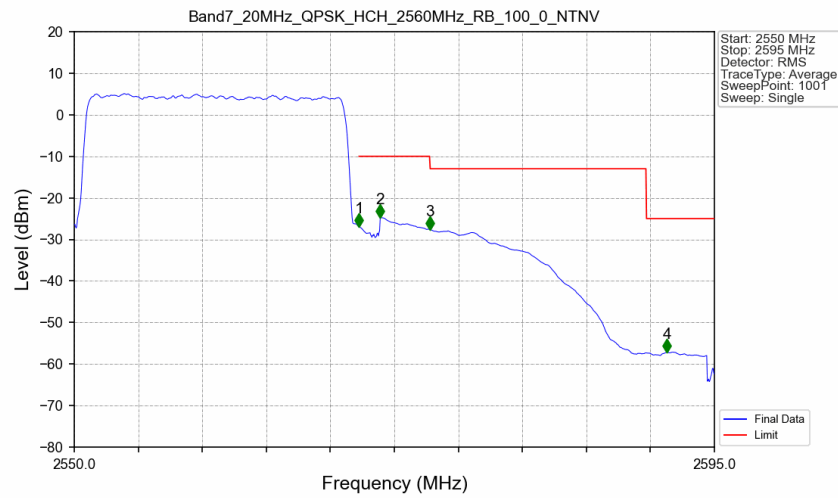


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-39.74	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.67	-10	Pass
2575	2590.206	1	CHP	3	2575.005	-55.75	-13	Pass
2590.206	2595	1	CHP	4	2590.210	-58.29	-25	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
2550	2570	0.404	CHP	/	/	/	/	/
2570	2571	0.404	CHP	1	2570.025	-27.00	-10	Pass
2571	2575	1	CHP	2	2571.510	-24.73	-10	Pass
2575	2590.206	1	CHP	3	2575.020	-27.63	-13	Pass
2590.206	2595	1	CHP	4	2591.670	-57.14	-25	Pass