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	23.95	0.73	24.68	<=33.01	Pass
			13	24.20	0.73	24.93	<=33.01	Pass
			24	24.11	0.73	24.84	<=33.01	Pass
		12	0	22.95	0.73	23.68	<=33.01	Pass
			6	23.00	0.73	23.73	<=33.01	Pass
			13	22.98	0.73	23.71	<=33.01	Pass
		25	0	22.95	0.73	23.68	<=33.01	Pass
	2535	1	0	23.78	0.73	24.51	<=33.01	Pass
			13	23.76	0.73	24.49	<=33.01	Pass
			24	24.02	0.73	24.75	<=33.01	Pass
		12	0	22.84	0.73	23.57	<=33.01	Pass
			6	22.93	0.73	23.66	<=33.01	Pass
			13	22.91	0.73	23.64	<=33.01	Pass
		25	0	22.76	0.73	23.49	<=33.01	Pass
	2567.5	1	0	24.10	0.73	24.83	<=33.01	Pass
			13	23.98	0.73	24.71	<=33.01	Pass
			24	23.70	0.73	24.43	<=33.01	Pass
		12	0	22.79	0.73	23.52	<=33.01	Pass
			6	22.88	0.73	23.61	<=33.01	Pass
			13	22.77	0.73	23.50	<=33.01	Pass
		25	0	22.82	0.73	23.55	<=33.01	Pass
16QAM	2502.5	1	0	23.29	0.73	24.02	<=33.01	Pass
			13	23.48	0.73	24.21	<=33.01	Pass
			24	23.49	0.73	24.22	<=33.01	Pass
		12	0	21.99	0.73	22.72	<=33.01	Pass
			6	22.01	0.73	22.74	<=33.01	Pass
			13	21.98	0.73	22.71	<=33.01	Pass
		25	0	22.07	0.73	22.80	<=33.01	Pass
	2535	1	0	23.02	0.73	23.75	<=33.01	Pass
			13	23.24	0.73	23.97	<=33.01	Pass
			24	23.12	0.73	23.85	<=33.01	Pass
		12	0	21.88	0.73	22.61	<=33.01	Pass
			6	21.87	0.73	22.60	<=33.01	Pass
			13	21.85	0.73	22.58	<=33.01	Pass
		25	0	21.84	0.73	22.57	<=33.01	Pass
	2567.5	1	0	23.31	0.73	24.04	<=33.01	Pass
			13	23.51	0.73	24.24	<=33.01	Pass
			24	23.11	0.73	23.84	<=33.01	Pass
		12	0	21.79	0.73	22.52	<=33.01	Pass
			6	21.93	0.73	22.66	<=33.01	Pass
			13	21.90	0.73	22.63	<=33.01	Pass
		25	0	21.81	0.73	22.54	<=33.01	Pass
64QAM	2502.5	1	0	23.41	0.73	24.14	<=33.01	Pass
			13	23.02	0.73	23.75	<=33.01	Pass
			24	23.01	0.73	23.74	<=33.01	Pass
		12	0	21.95	0.73	22.68	<=33.01	Pass
			6	22.01	0.73	22.74	<=33.01	Pass
			13	21.99	0.73	22.72	<=33.01	Pass
		25	0	21.94	0.73	22.67	<=33.01	Pass

	2535	1	0	22.95	0.73	23.68	<=33.01	Pass
			13	23.04	0.73	23.77	<=33.01	Pass
			24	23.05	0.73	23.78	<=33.01	Pass
		12	0	21.91	0.73	22.64	<=33.01	Pass
			6	21.89	0.73	22.62	<=33.01	Pass
			13	21.92	0.73	22.65	<=33.01	Pass
		25	0	21.91	0.73	22.64	<=33.01	Pass
	2567.5	1	0	22.98	0.73	23.71	<=33.01	Pass
			13	22.74	0.73	23.47	<=33.01	Pass
			24	22.70	0.73	23.43	<=33.01	Pass
		12	0	21.88	0.73	22.61	<=33.01	Pass
			6	21.83	0.73	22.56	<=33.01	Pass
			13	21.83	0.73	22.56	<=33.01	Pass
		25	0	21.86	0.73	22.59	<=33.01	Pass
256QAM	2502.5	1	0	19.03	0.73	19.76	<=33.01	Pass
			13	19.21	0.73	19.94	<=33.01	Pass
			24	18.96	0.73	19.69	<=33.01	Pass
		12	0	19.01	0.73	19.74	<=33.01	Pass
			6	19.03	0.73	19.76	<=33.01	Pass
			13	18.98	0.73	19.71	<=33.01	Pass
		25	0	18.99	0.73	19.72	<=33.01	Pass
	2535	1	0	18.98	0.73	19.71	<=33.01	Pass
			13	18.98	0.73	19.71	<=33.01	Pass
			24	18.84	0.73	19.57	<=33.01	Pass
		12	0	18.85	0.73	19.58	<=33.01	Pass
			6	18.88	0.73	19.61	<=33.01	Pass
			13	18.98	0.73	19.71	<=33.01	Pass
		25	0	18.82	0.73	19.55	<=33.01	Pass
	2567.5	1	0	18.86	0.73	19.59	<=33.01	Pass
			13	18.99	0.73	19.72	<=33.01	Pass
			24	18.74	0.73	19.47	<=33.01	Pass
		12	0	18.83	0.73	19.56	<=33.01	Pass
			6	18.83	0.73	19.56	<=33.01	Pass
			13	18.82	0.73	19.55	<=33.01	Pass
		25	0	18.85	0.73	19.58	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

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	23.94	0.73	24.67	<=33.01	Pass
			25	23.80	0.73	24.53	<=33.01	Pass
			49	23.77	0.73	24.50	<=33.01	Pass
		25	0	22.98	0.73	23.71	<=33.01	Pass
			13	23.01	0.73	23.74	<=33.01	Pass
			25	22.91	0.73	23.64	<=33.01	Pass
		50	0	22.87	0.73	23.60	<=33.01	Pass
	2535	1	0	23.95	0.73	24.68	<=33.01	Pass
			25	23.83	0.73	24.56	<=33.01	Pass
			49	24.10	0.73	24.83	<=33.01	Pass
		25	0	22.90	0.73	23.63	<=33.01	Pass
			13	22.89	0.73	23.62	<=33.01	Pass
			25	22.91	0.73	23.64	<=33.01	Pass
		50	0	22.78	0.73	23.51	<=33.01	Pass
	2565	1	0	24.03	0.73	24.76	<=33.01	Pass

			25	24.16	0.73	24.89	<=33.01	Pass
			49	23.94	0.73	24.67	<=33.01	Pass
		25	0	22.75	0.73	23.48	<=33.01	Pass
			13	22.80	0.73	23.53	<=33.01	Pass
			25	22.82	0.73	23.55	<=33.01	Pass
		50	0	22.68	0.73	23.41	<=33.01	Pass
16QAM	2505	1	0	23.14	0.73	23.87	<=33.01	Pass
			25	23.12	0.73	23.85	<=33.01	Pass
			49	23.07	0.73	23.80	<=33.01	Pass
		25	0	21.99	0.73	22.72	<=33.01	Pass
			13	22.01	0.73	22.74	<=33.01	Pass
			25	22.03	0.73	22.76	<=33.01	Pass
		50	0	22.06	0.73	22.79	<=33.01	Pass
	2535	1	0	22.97	0.73	23.70	<=33.01	Pass
			25	23.35	0.73	24.08	<=33.01	Pass
			49	23.09	0.73	23.82	<=33.01	Pass
		25	0	21.93	0.73	22.66	<=33.01	Pass
			13	21.96	0.73	22.69	<=33.01	Pass
			25	21.91	0.73	22.64	<=33.01	Pass
		50	0	21.85	0.73	22.58	<=33.01	Pass
	2565	1	0	23.04	0.73	23.77	<=33.01	Pass
			25	23.10	0.73	23.83	<=33.01	Pass
			49	22.70	0.73	23.43	<=33.01	Pass
		25	0	21.86	0.73	22.59	<=33.01	Pass
			13	21.83	0.73	22.56	<=33.01	Pass
			25	21.89	0.73	22.62	<=33.01	Pass
		50	0	21.66	0.73	22.39	<=33.01	Pass
64QAM	2505	1	0	23.02	0.73	23.75	<=33.01	Pass
			25	22.97	0.73	23.70	<=33.01	Pass
			49	23.02	0.73	23.75	<=33.01	Pass
		25	0	22.05	0.73	22.78	<=33.01	Pass
			13	21.98	0.73	22.71	<=33.01	Pass
			25	21.98	0.73	22.71	<=33.01	Pass
		50	0	21.96	0.73	22.69	<=33.01	Pass
	2535	1	0	22.89	0.73	23.62	<=33.01	Pass
			25	22.87	0.73	23.60	<=33.01	Pass
			49	23.15	0.73	23.88	<=33.01	Pass
		25	0	21.90	0.73	22.63	<=33.01	Pass
			13	21.97	0.73	22.70	<=33.01	Pass
			25	21.93	0.73	22.66	<=33.01	Pass
		50	0	21.86	0.73	22.59	<=33.01	Pass
	2565	1	0	22.98	0.73	23.71	<=33.01	Pass
			25	22.81	0.73	23.54	<=33.01	Pass
			49	22.98	0.73	23.71	<=33.01	Pass
		25	0	21.80	0.73	22.53	<=33.01	Pass
			13	21.82	0.73	22.55	<=33.01	Pass
			25	21.86	0.73	22.59	<=33.01	Pass
		50	0	21.84	0.73	22.57	<=33.01	Pass
256QAM	2505	1	0	19.14	0.73	19.87	<=33.01	Pass
			25	19.16	0.73	19.89	<=33.01	Pass
			49	19.02	0.73	19.75	<=33.01	Pass
		25	0	19.17	0.73	19.90	<=33.01	Pass
			13	18.92	0.73	19.65	<=33.01	Pass
			25	19.00	0.73	19.73	<=33.01	Pass
		50	0	18.97	0.73	19.70	<=33.01	Pass
	2535	1	0	18.93	0.73	19.66	<=33.01	Pass
			25	18.92	0.73	19.65	<=33.01	Pass
			49	18.84	0.73	19.57	<=33.01	Pass
		25	0	18.79	0.73	19.52	<=33.01	Pass

			13	18.90	0.73	19.63	<=33.01	Pass
			25	18.88	0.73	19.61	<=33.01	Pass
		50	0	19.03	0.73	19.76	<=33.01	Pass
	2565	1	0	18.98	0.73	19.71	<=33.01	Pass
			25	19.04	0.73	19.77	<=33.01	Pass
			49	18.75	0.73	19.48	<=33.01	Pass
		25	0	18.84	0.73	19.57	<=33.01	Pass
			13	18.97	0.73	19.70	<=33.01	Pass
			25	18.79	0.73	19.52	<=33.01	Pass
		50	0	18.70	0.73	19.43	<=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	23.75	0.73	24.48	<=33.01	Pass
			38	24.36	0.73	25.09	<=33.01	Pass
			74	24.00	0.73	24.73	<=33.01	Pass
		36	0	22.89	0.73	23.62	<=33.01	Pass
			18	22.95	0.73	23.68	<=33.01	Pass
			39	22.97	0.73	23.70	<=33.01	Pass
		75	0	23.06	0.73	23.79	<=33.01	Pass
	2535	1	0	24.14	0.73	24.87	<=33.01	Pass
			38	24.18	0.73	24.91	<=33.01	Pass
			74	24.07	0.73	24.80	<=33.01	Pass
		36	0	22.81	0.73	23.54	<=33.01	Pass
			18	22.74	0.73	23.47	<=33.01	Pass
			39	22.82	0.73	23.55	<=33.01	Pass
		75	0	22.84	0.73	23.57	<=33.01	Pass
	2562.5	1	0	23.90	0.73	24.63	<=33.01	Pass
			38	23.72	0.73	24.45	<=33.01	Pass
			74	23.62	0.73	24.35	<=33.01	Pass
		36	0	22.83	0.73	23.56	<=33.01	Pass
			18	22.82	0.73	23.55	<=33.01	Pass
			39	22.82	0.73	23.55	<=33.01	Pass
		75	0	22.74	0.73	23.47	<=33.01	Pass
16QAM	2507.5	1	0	23.14	0.73	23.87	<=33.01	Pass
			38	23.18	0.73	23.91	<=33.01	Pass
			74	23.18	0.73	23.91	<=33.01	Pass
		36	0	21.96	0.73	22.69	<=33.01	Pass
			18	21.98	0.73	22.71	<=33.01	Pass
			39	21.98	0.73	22.71	<=33.01	Pass
		75	0	21.93	0.73	22.66	<=33.01	Pass
	2535	1	0	23.11	0.73	23.84	<=33.01	Pass
			38	22.90	0.73	23.63	<=33.01	Pass
			74	23.04	0.73	23.77	<=33.01	Pass
		36	0	21.82	0.73	22.55	<=33.01	Pass
			18	21.81	0.73	22.54	<=33.01	Pass
			39	21.86	0.73	22.59	<=33.01	Pass
		75	0	21.83	0.73	22.56	<=33.01	Pass
	2562.5	1	0	23.17	0.73	23.90	<=33.01	Pass
			38	23.10	0.73	23.83	<=33.01	Pass
			74	23.00	0.73	23.73	<=33.01	Pass
		36	0	21.89	0.73	22.62	<=33.01	Pass
			18	21.75	0.73	22.48	<=33.01	Pass

			39	21.81	0.73	22.54	<=33.01	Pass
		75	0	21.81	0.73	22.54	<=33.01	Pass
64QAM	2507.5	1	0	23.07	0.73	23.80	<=33.01	Pass
			38	23.05	0.73	23.78	<=33.01	Pass
			74	22.99	0.73	23.72	<=33.01	Pass
		36	0	21.98	0.73	22.71	<=33.01	Pass
			18	21.96	0.73	22.69	<=33.01	Pass
			39	21.95	0.73	22.68	<=33.01	Pass
		75	0	22.03	0.73	22.76	<=33.01	Pass
	2535	1	0	23.02	0.73	23.75	<=33.01	Pass
			38	23.14	0.73	23.87	<=33.01	Pass
			74	22.92	0.73	23.65	<=33.01	Pass
		36	0	21.91	0.73	22.64	<=33.01	Pass
			18	21.82	0.73	22.55	<=33.01	Pass
			39	21.84	0.73	22.57	<=33.01	Pass
		75	0	21.81	0.73	22.54	<=33.01	Pass
	2562.5	1	0	23.00	0.73	23.73	<=33.01	Pass
			38	23.01	0.73	23.74	<=33.01	Pass
			74	22.65	0.73	23.38	<=33.01	Pass
		36	0	21.85	0.73	22.58	<=33.01	Pass
			18	21.77	0.73	22.50	<=33.01	Pass
			39	21.74	0.73	22.47	<=33.01	Pass
		75	0	21.84	0.73	22.57	<=33.01	Pass
256QAM	2507.5	1	0	18.97	0.73	19.70	<=33.01	Pass
			38	18.95	0.73	19.68	<=33.01	Pass
			74	19.00	0.73	19.73	<=33.01	Pass
		36	0	18.97	0.73	19.70	<=33.01	Pass
			18	18.98	0.73	19.71	<=33.01	Pass
			39	18.93	0.73	19.66	<=33.01	Pass
		75	0	18.92	0.73	19.65	<=33.01	Pass
	2535	1	0	18.78	0.73	19.51	<=33.01	Pass
			38	19.09	0.73	19.82	<=33.01	Pass
			74	18.88	0.73	19.61	<=33.01	Pass
		36	0	18.82	0.73	19.55	<=33.01	Pass
			18	18.83	0.73	19.56	<=33.01	Pass
			39	18.86	0.73	19.59	<=33.01	Pass
		75	0	18.60	0.73	19.33	<=33.01	Pass
	2562.5	1	0	19.09	0.73	19.82	<=33.01	Pass
			38	18.91	0.73	19.64	<=33.01	Pass
			74	18.63	0.73	19.36	<=33.01	Pass
		36	0	18.84	0.73	19.57	<=33.01	Pass
			18	18.78	0.73	19.51	<=33.01	Pass
			39	18.84	0.73	19.57	<=33.01	Pass
		75	0	18.87	0.73	19.60	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	24.01	0.73	24.74	<=33.01	Pass
			50	23.84	0.73	24.57	<=33.01	Pass
			99	24.31	0.73	25.04	<=33.01	Pass
		50	0	22.94	0.73	23.67	<=33.01	Pass
			25	22.94	0.73	23.67	<=33.01	Pass
			50	22.95	0.73	23.68	<=33.01	Pass

		100	0	23.03	0.73	23.76	<=33.01	Pass
	2535	1	0	23.87	0.73	24.60	<=33.01	Pass
			50	24.20	0.73	24.93	<=33.01	Pass
			99	23.92	0.73	24.65	<=33.01	Pass
		50	0	22.89	0.73	23.62	<=33.01	Pass
			25	22.77	0.73	23.50	<=33.01	Pass
			50	22.81	0.73	23.54	<=33.01	Pass
		100	0	22.76	0.73	23.49	<=33.01	Pass
	2560	1	0	24.02	0.73	24.75	<=33.01	Pass
			50	23.97	0.73	24.70	<=33.01	Pass
			99	24.20	0.73	24.93	<=33.01	Pass
		50	0	22.91	0.73	23.64	<=33.01	Pass
			25	22.86	0.73	23.59	<=33.01	Pass
			50	22.85	0.73	23.58	<=33.01	Pass
		100	0	22.79	0.73	23.52	<=33.01	Pass
16QAM	2510	1	0	23.18	0.73	23.91	<=33.01	Pass
			50	23.24	0.73	23.97	<=33.01	Pass
			99	23.20	0.73	23.93	<=33.01	Pass
		50	0	21.95	0.73	22.68	<=33.01	Pass
			25	22.02	0.73	22.75	<=33.01	Pass
			50	21.95	0.73	22.68	<=33.01	Pass
		100	0	22.10	0.73	22.83	<=33.01	Pass
	2535	1	0	23.24	0.73	23.97	<=33.01	Pass
			50	23.09	0.73	23.82	<=33.01	Pass
			99	23.22	0.73	23.95	<=33.01	Pass
		50	0	21.92	0.73	22.65	<=33.01	Pass
			25	21.89	0.73	22.62	<=33.01	Pass
			50	21.78	0.73	22.51	<=33.01	Pass
		100	0	21.84	0.73	22.57	<=33.01	Pass
	2560	1	0	23.21	0.73	23.94	<=33.01	Pass
			50	23.03	0.73	23.76	<=33.01	Pass
			99	23.14	0.73	23.87	<=33.01	Pass
		50	0	21.94	0.73	22.67	<=33.01	Pass
			25	21.89	0.73	22.62	<=33.01	Pass
			50	21.93	0.73	22.66	<=33.01	Pass
		100	0	21.84	0.73	22.57	<=33.01	Pass
64QAM	2510	1	0	23.31	0.73	24.04	<=33.01	Pass
			50	23.11	0.73	23.84	<=33.01	Pass
			99	23.13	0.73	23.86	<=33.01	Pass
		50	0	21.89	0.73	22.62	<=33.01	Pass
			25	22.02	0.73	22.75	<=33.01	Pass
			50	21.98	0.73	22.71	<=33.01	Pass
		100	0	21.87	0.73	22.60	<=33.01	Pass
	2535	1	0	23.10	0.73	23.83	<=33.01	Pass
			50	22.85	0.73	23.58	<=33.01	Pass
			99	22.71	0.73	23.44	<=33.01	Pass
		50	0	21.87	0.73	22.60	<=33.01	Pass
			25	21.84	0.73	22.57	<=33.01	Pass
			50	21.88	0.73	22.61	<=33.01	Pass
		100	0	21.80	0.73	22.53	<=33.01	Pass
	2560	1	0	23.12	0.73	23.85	<=33.01	Pass
			50	23.31	0.73	24.04	<=33.01	Pass
			99	22.70	0.73	23.43	<=33.01	Pass
		50	0	21.85	0.73	22.58	<=33.01	Pass
			25	21.91	0.73	22.64	<=33.01	Pass
			50	21.80	0.73	22.53	<=33.01	Pass
		100	0	21.88	0.73	22.61	<=33.01	Pass
256QAM	2510	1	0	18.93	0.73	19.66	<=33.01	Pass
			50	19.00	0.73	19.73	<=33.01	Pass

			99	19.16	0.73	19.89	<=33.01	Pass
		50	0	18.96	0.73	19.69	<=33.01	Pass
			25	19.04	0.73	19.77	<=33.01	Pass
			50	18.96	0.73	19.69	<=33.01	Pass
		100	0	19.09	0.73	19.82	<=33.01	Pass
	2535	1	0	18.99	0.73	19.72	<=33.01	Pass
			50	19.16	0.73	19.89	<=33.01	Pass
			99	19.08	0.73	19.81	<=33.01	Pass
		50	0	18.86	0.73	19.59	<=33.01	Pass
			25	18.87	0.73	19.60	<=33.01	Pass
			50	18.91	0.73	19.64	<=33.01	Pass
		100	0	18.84	0.73	19.57	<=33.01	Pass
	2560	1	0	18.99	0.73	19.72	<=33.01	Pass
			50	18.95	0.73	19.68	<=33.01	Pass
			99	18.79	0.73	19.52	<=33.01	Pass
		50	0	18.80	0.73	19.53	<=33.01	Pass
			25	18.88	0.73	19.61	<=33.01	Pass
			50	18.80	0.73	19.53	<=33.01	Pass
		100	0	18.81	0.73	19.54	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	LV	-0.600	-0.0002	-2.5 to 2.5	Pass
					HV	-0.300	-0.0001	-2.5 to 2.5	Pass
					NV	-0.300	-0.0001	-2.5 to 2.5	Pass
				-30	NV	-1.700	-0.0007	-2.5 to 2.5	Pass
				-20	NV	-1.000	-0.0004	-2.5 to 2.5	Pass
				-10	NV	1.900	0.0007	-2.5 to 2.5	Pass
				0	NV	-1.300	-0.0005	-2.5 to 2.5	Pass
				10	NV	-0.800	-0.0003	-2.5 to 2.5	Pass
				30	NV	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	NV	0.900	0.0004	-2.5 to 2.5	Pass
				50	NV	-1.100	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.574	/	Pass
	16QAM	2535	25	0	4.567	/	Pass
10	QPSK	2535	50	0	9.064	/	Pass
	16QAM	2535	50	0	9.063	/	Pass
15	QPSK	2535	75	0	13.570	/	Pass
	16QAM	2535	75	0	13.595	/	Pass
20	QPSK	2535	100	0	18.071	/	Pass
	16QAM	2535	100	0	18.127	/	Pass

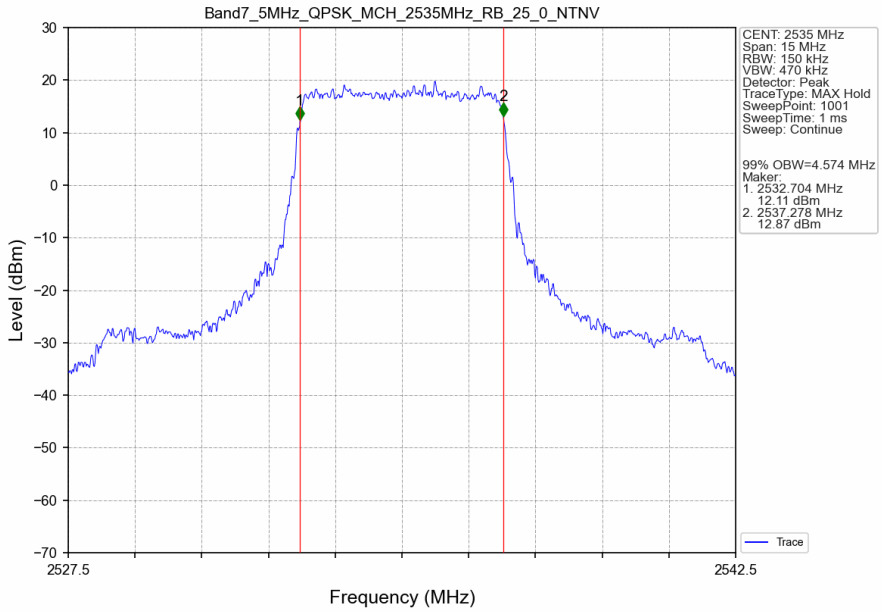
3.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.150	/	Pass
	16QAM	2535	25	0	5.217	/	Pass
10	QPSK	2535	50	0	10.156	/	Pass
	16QAM	2535	50	0	10.198	/	Pass
15	QPSK	2535	75	0	15.141	/	Pass
	16QAM	2535	75	0	15.173	/	Pass
20	QPSK	2535	100	0	20.116	/	Pass
	16QAM	2535	100	0	20.106	/	Pass

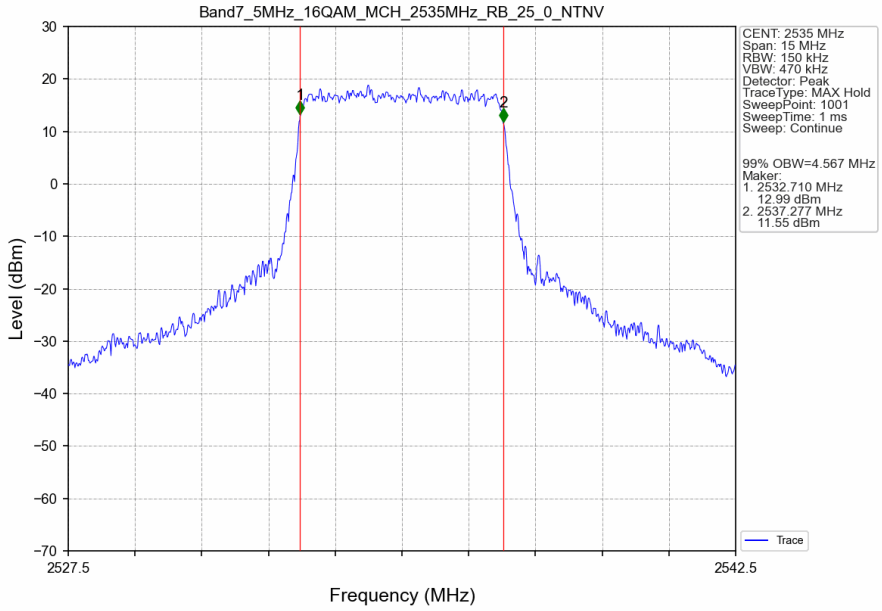
3.2 Test Graph

3.2.1 Band7_OBW

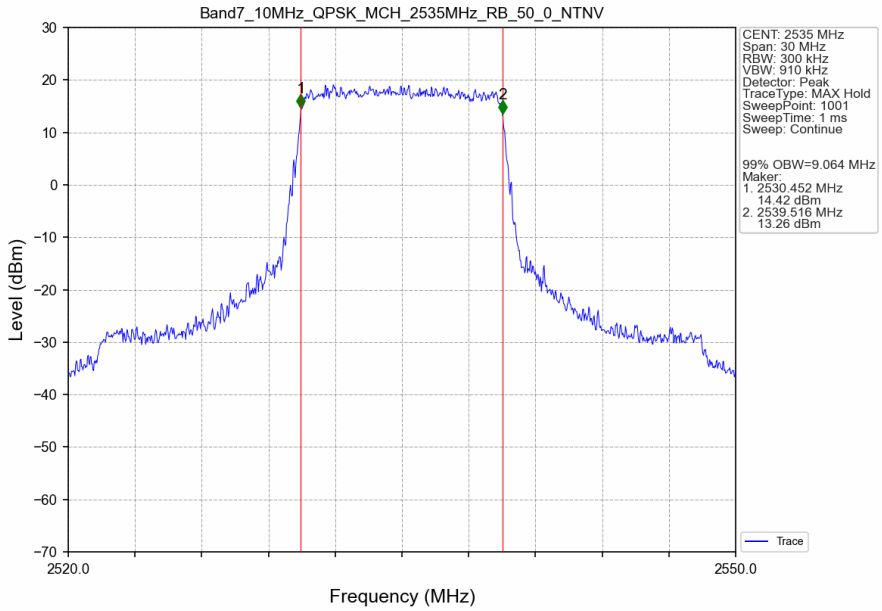
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



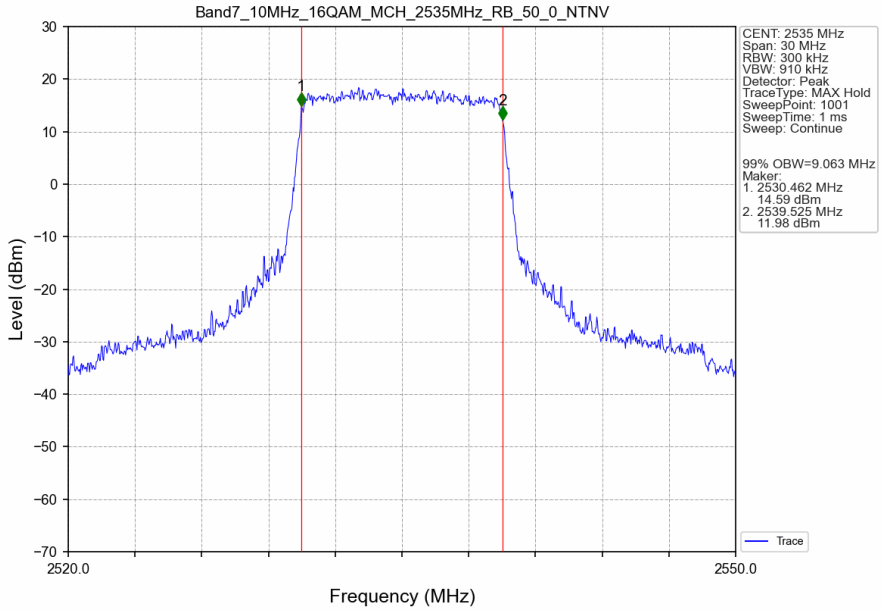
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



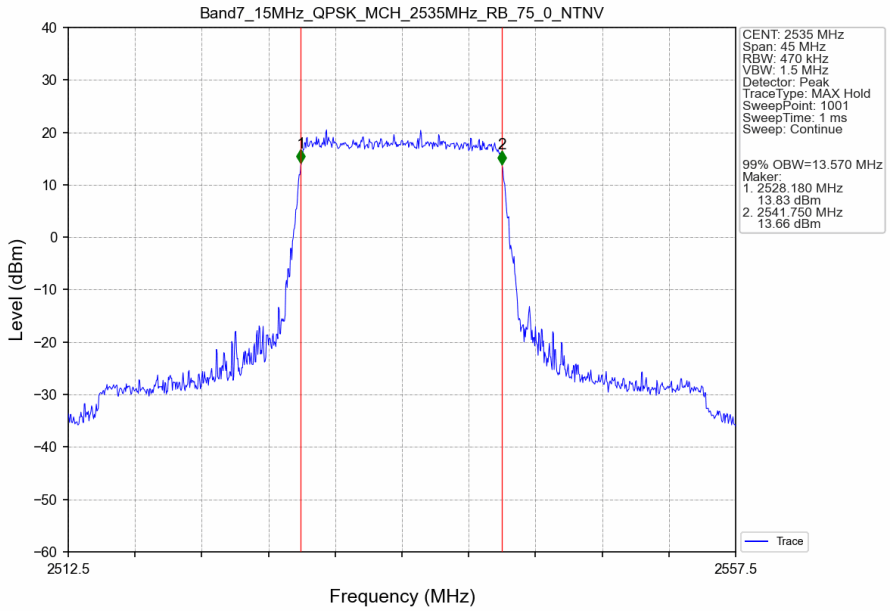
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



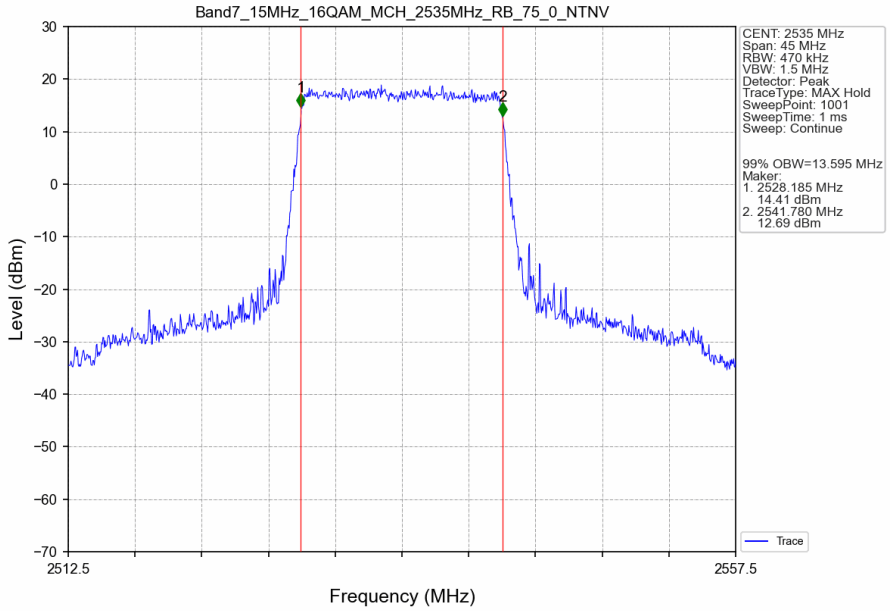
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



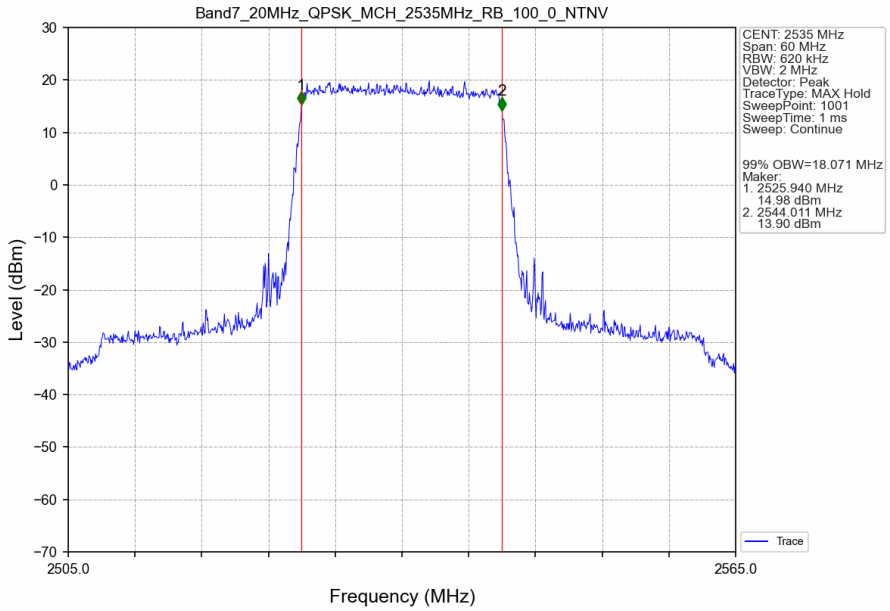
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



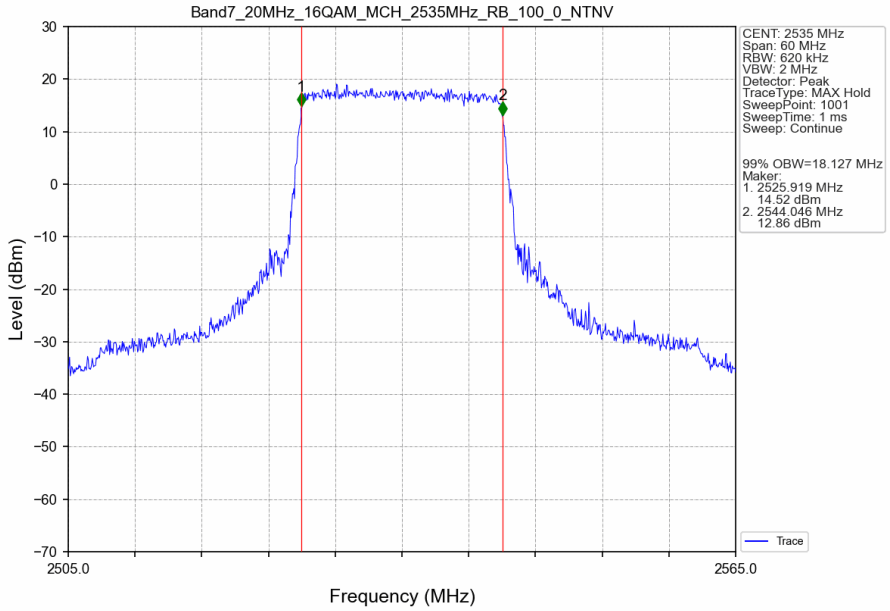
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



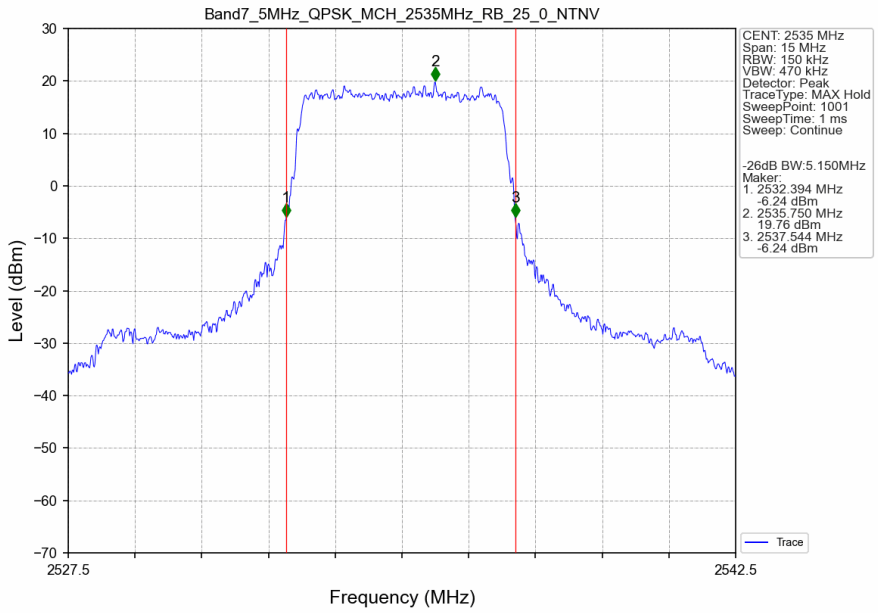
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

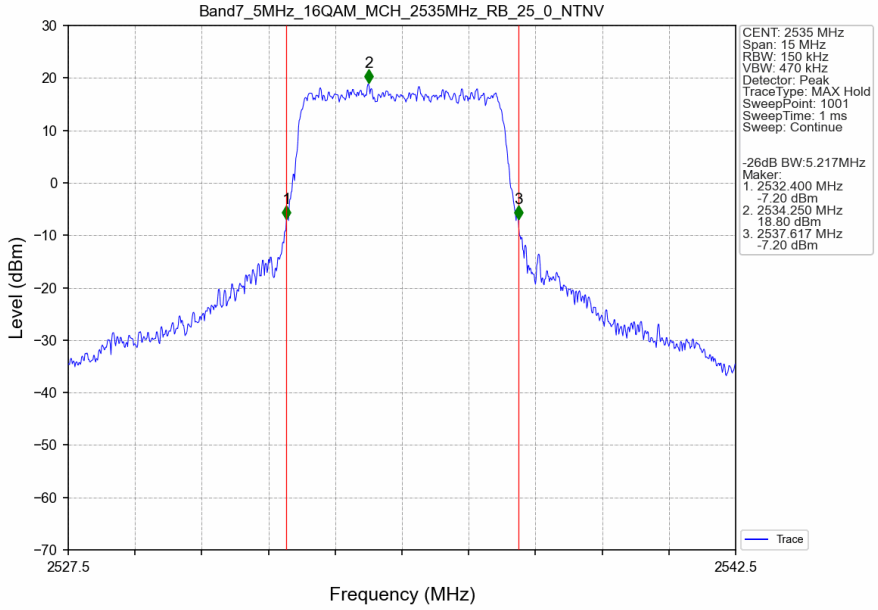


Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

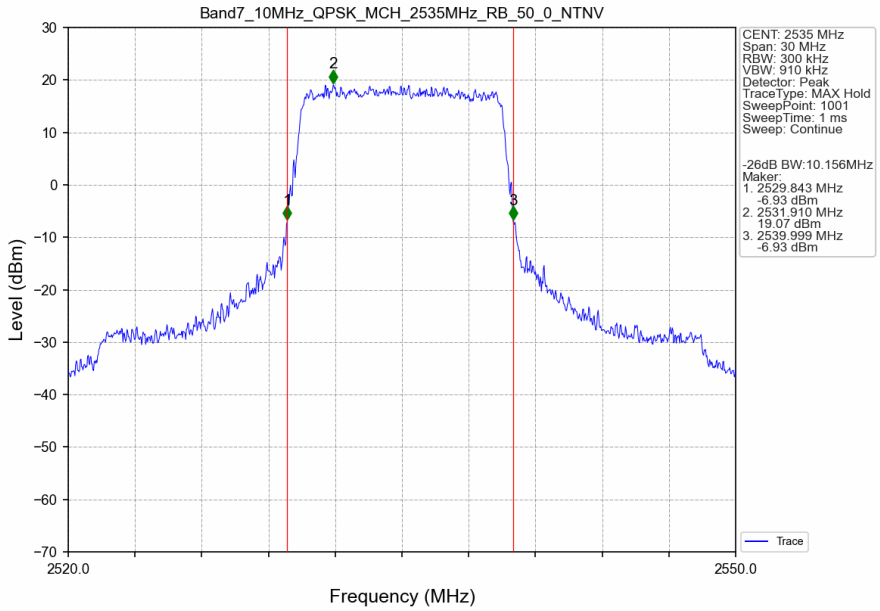


3.2.2 Band7_XDB

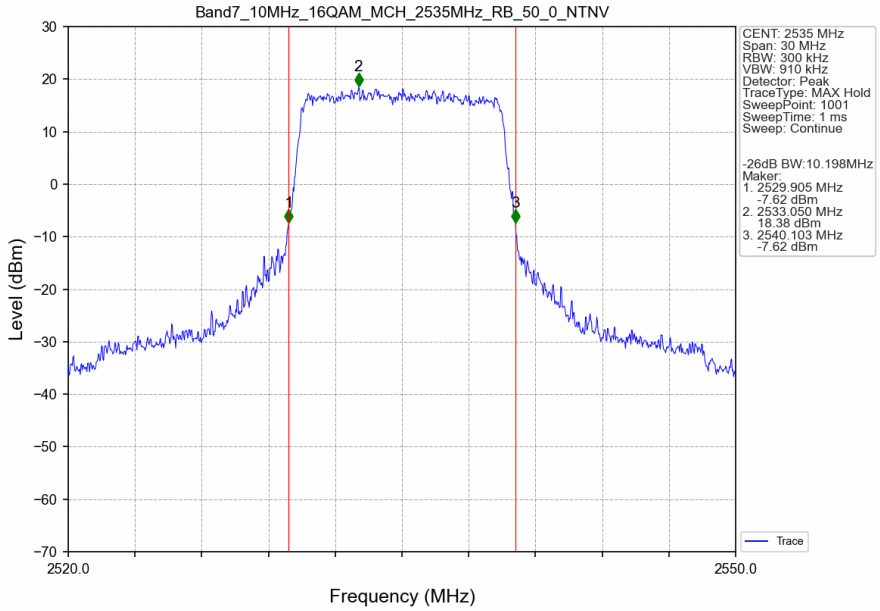
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV


Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV


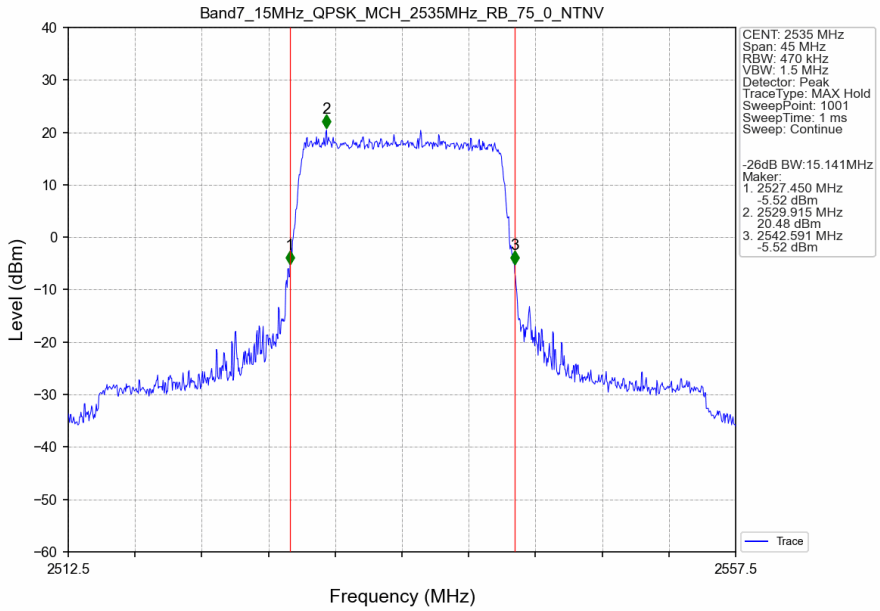
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



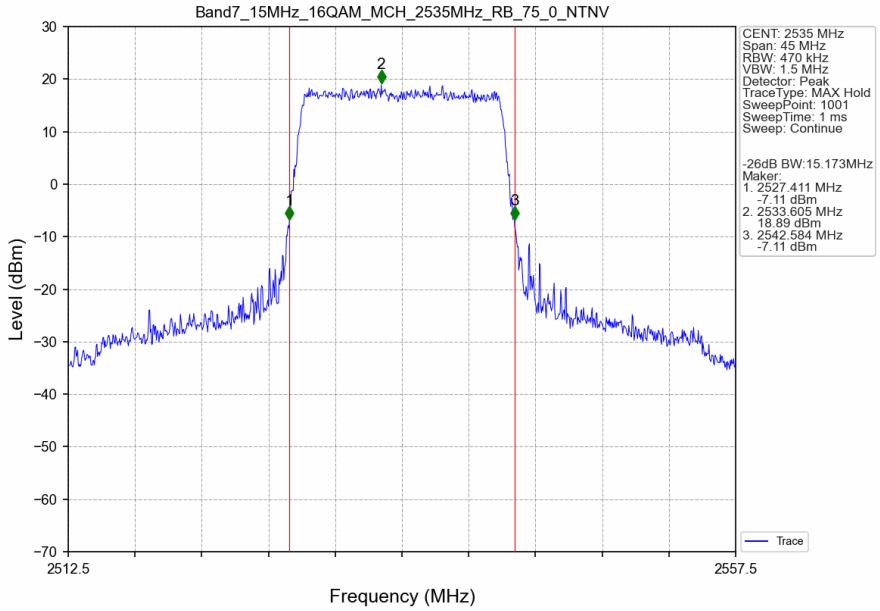
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



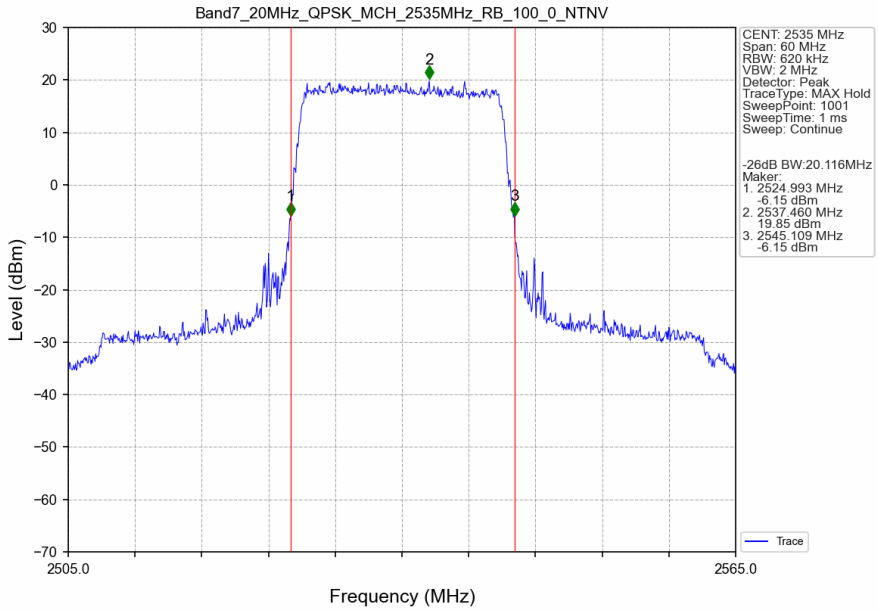
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



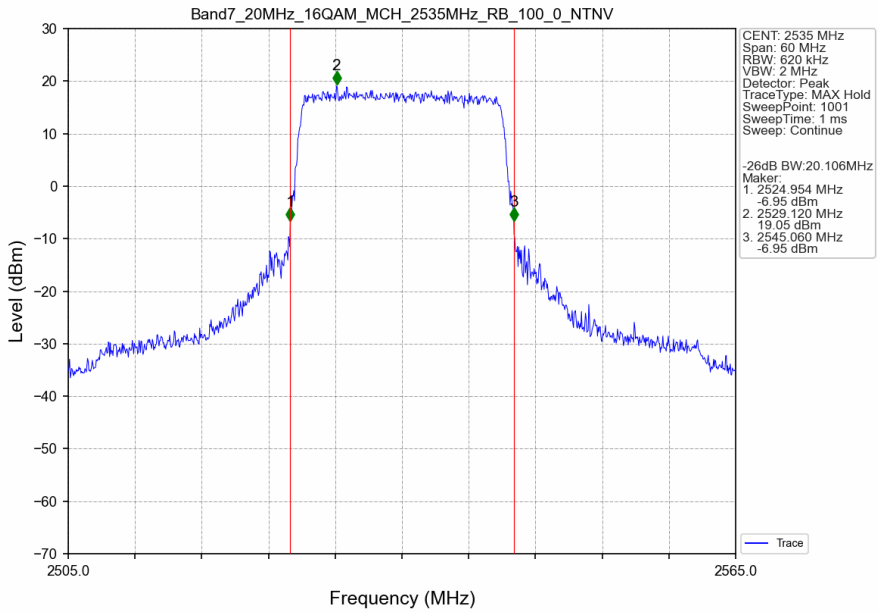
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

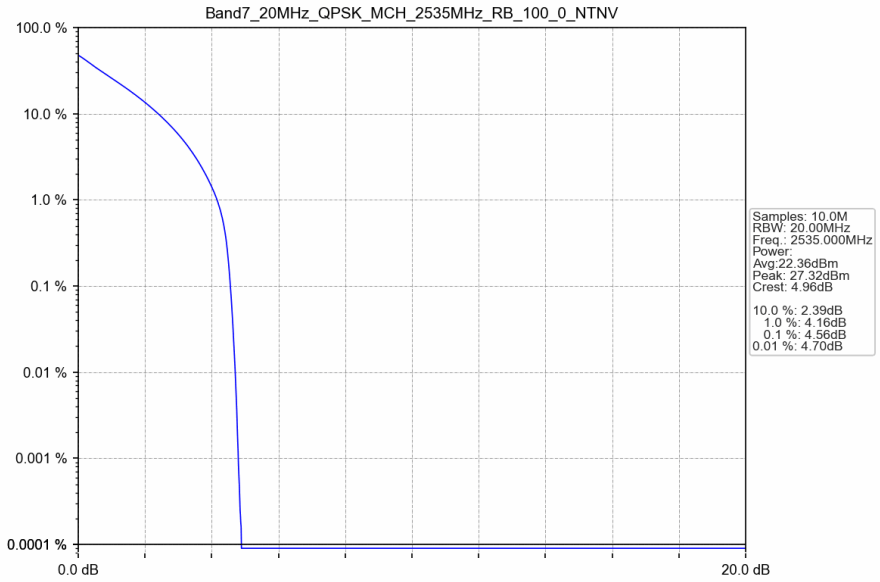
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	4.56	<=13	Pass
16QAM	2535	100	0	5.62	<=13	Pass
64QAM	2535	100	0	5.61	<=13	Pass
256QAM	2535	100	0	6.64	<=13	Pass

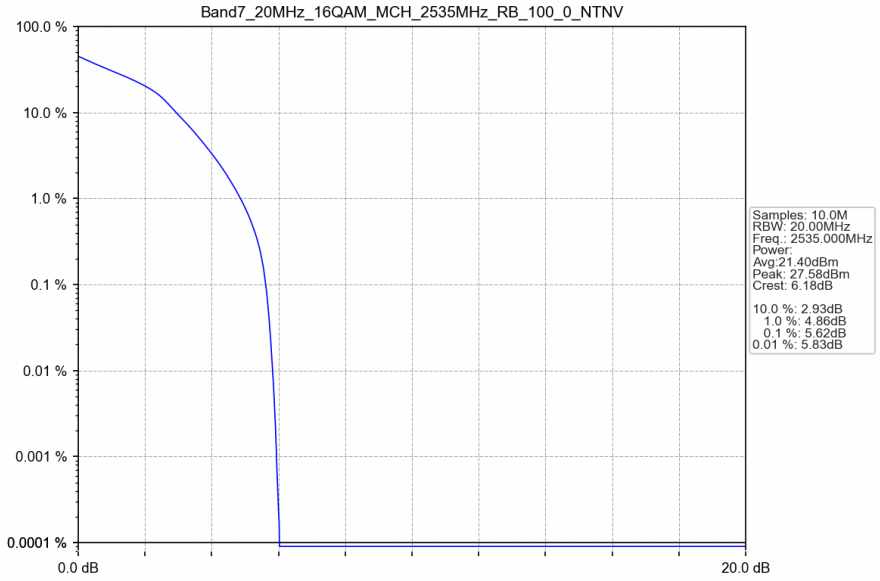
4.2 Test Graph

4.2.1 B7_20MHz

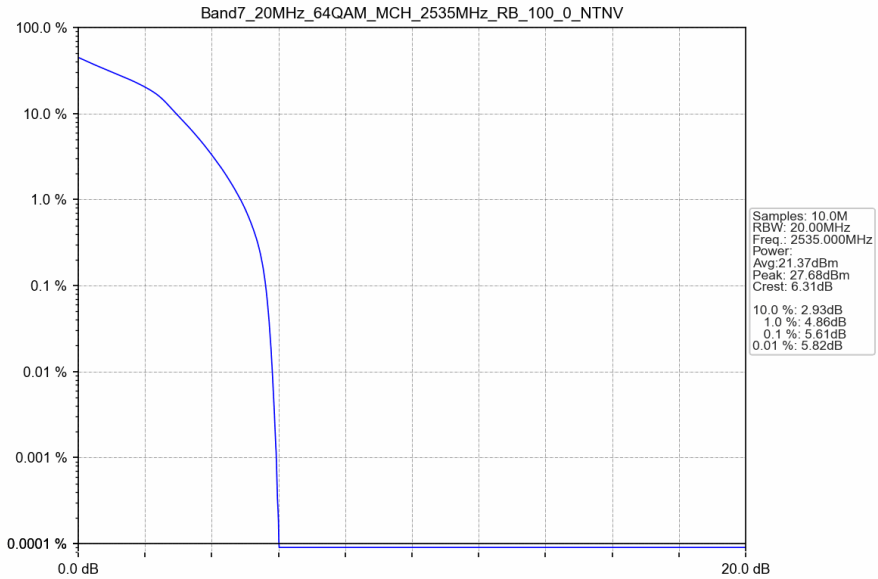
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



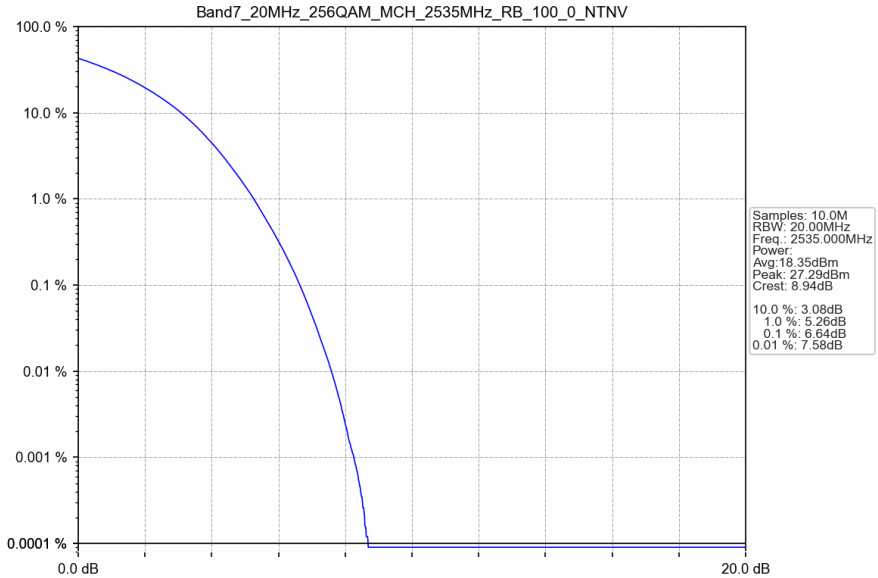
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



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

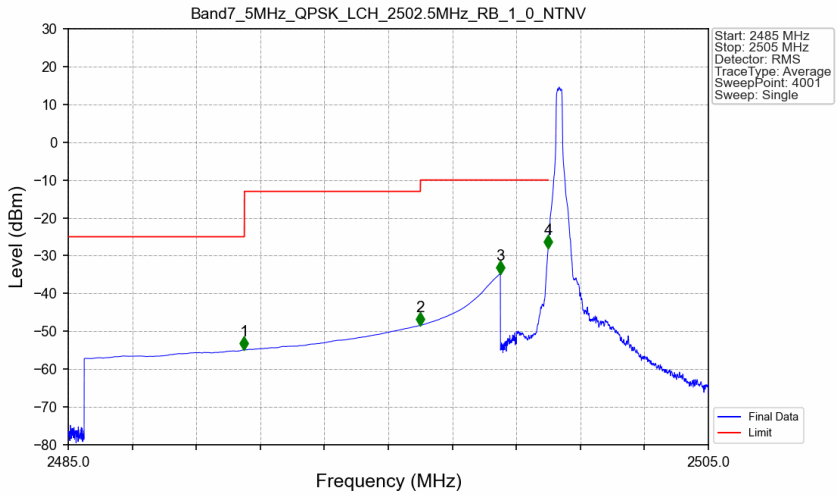
5.1.4 B7_20MHz

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

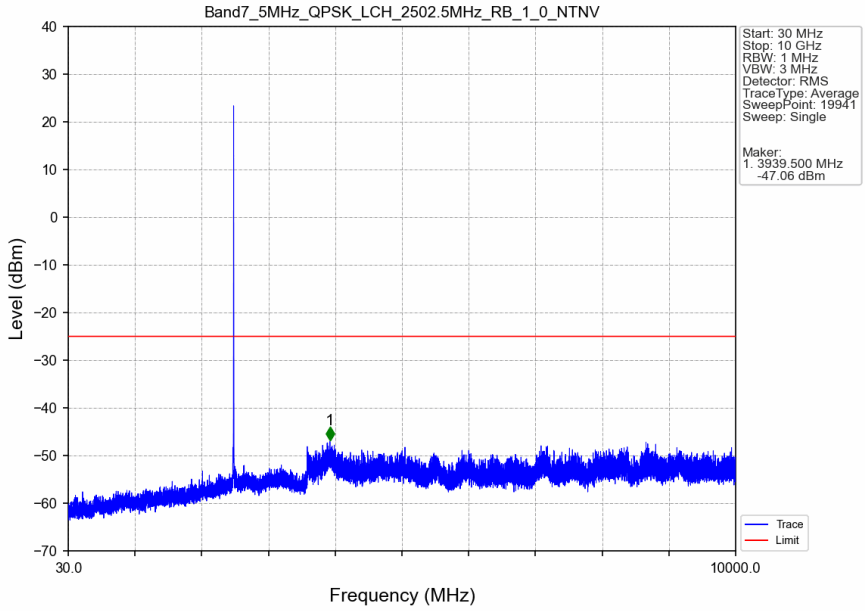
5.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

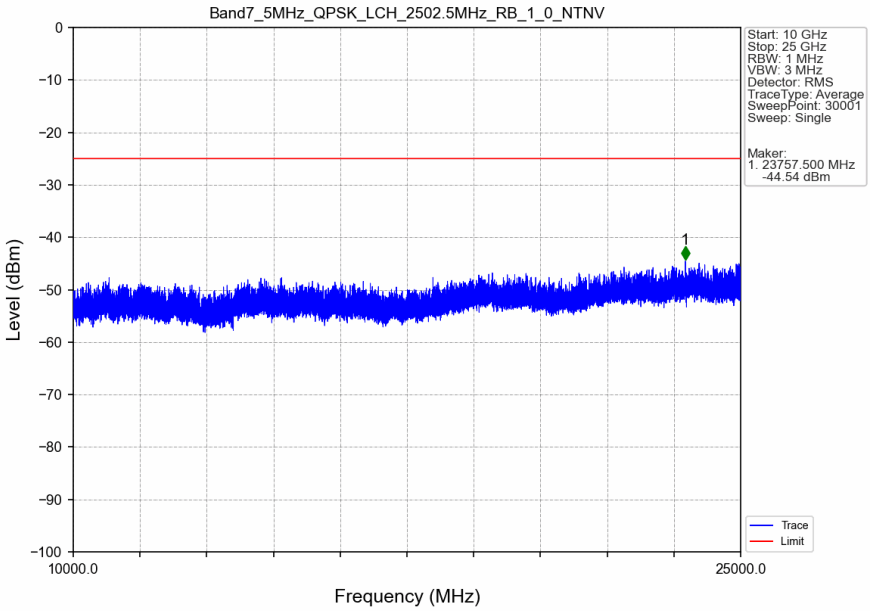


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-54.90	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-48.40	-13	Pass
2496	2499	1	CHP	3	2498.500	-34.77	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-28.02	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

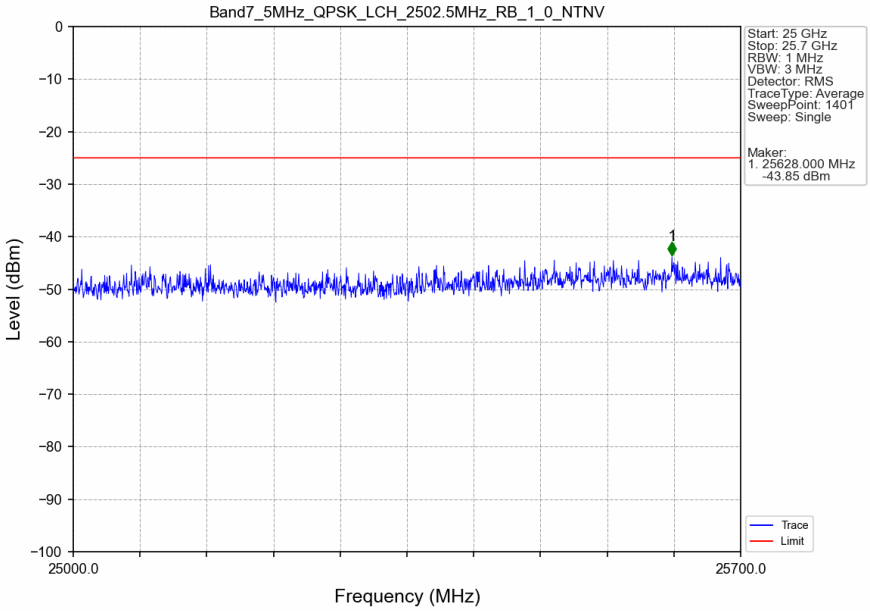
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



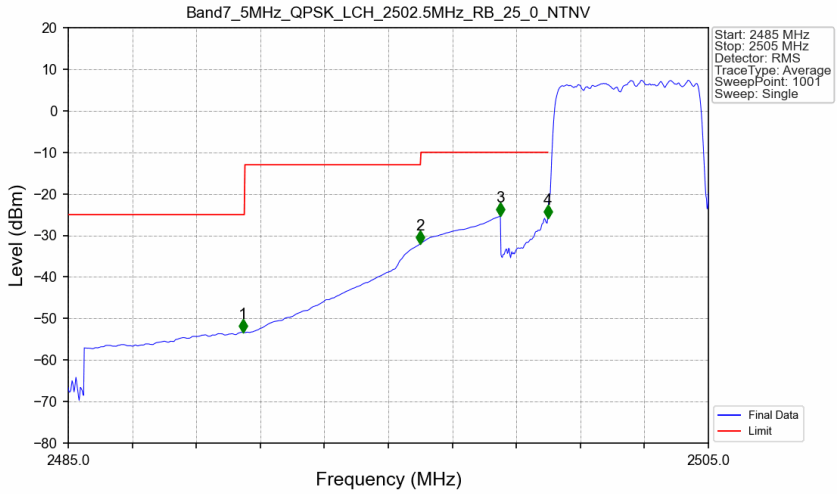
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

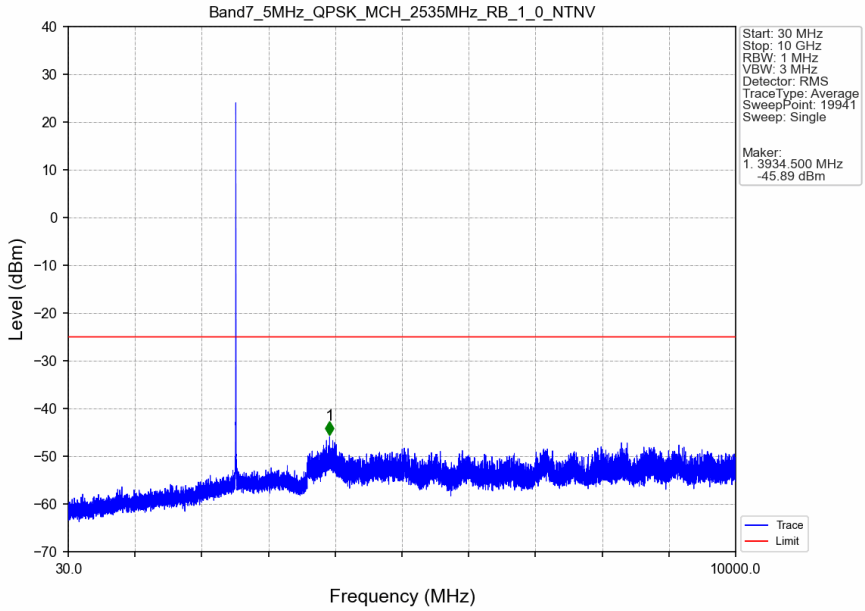


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

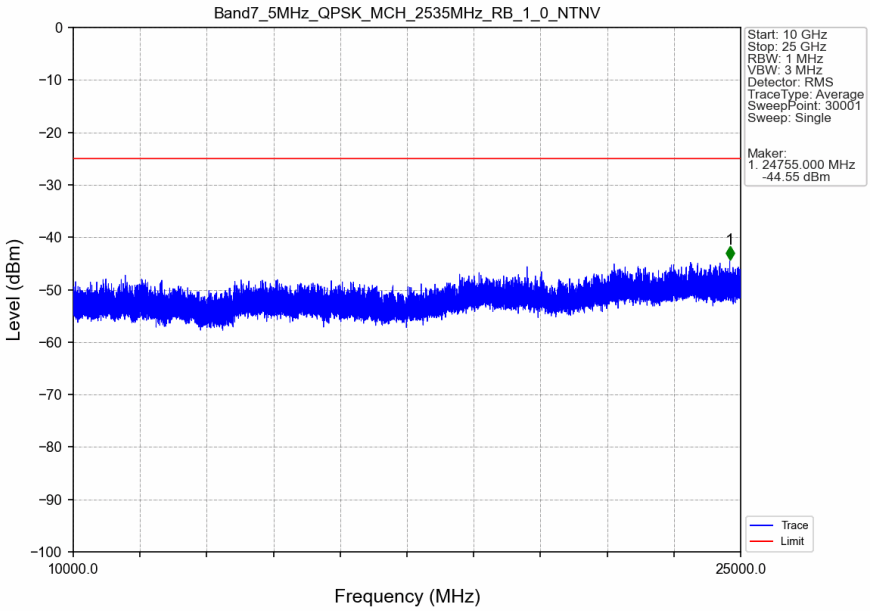


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-53.29	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-32.01	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.37	-10	Pass
2499	2500	0.103	CHP	4	2499.980	-25.81	-10	Pass
2500	2505	0.103	CHP	/	/	/	/	/

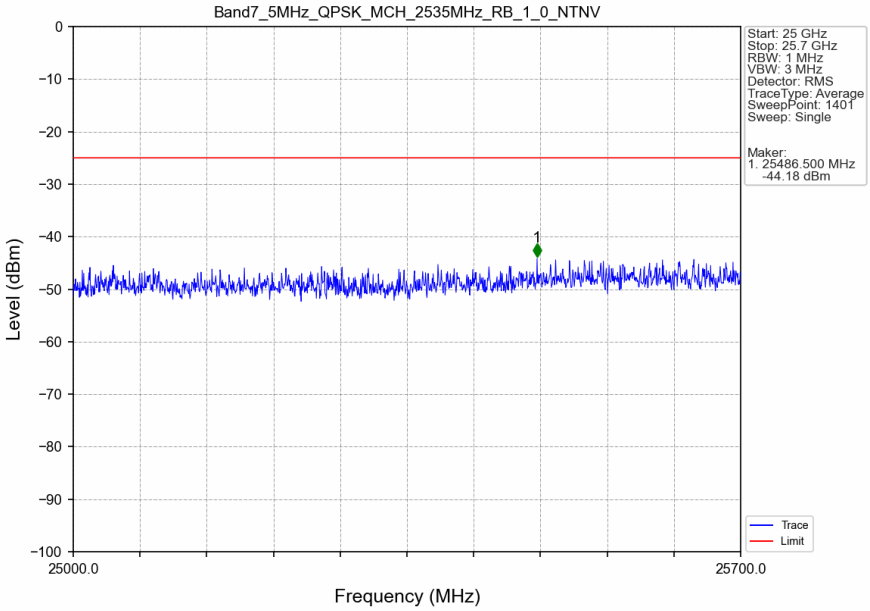
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



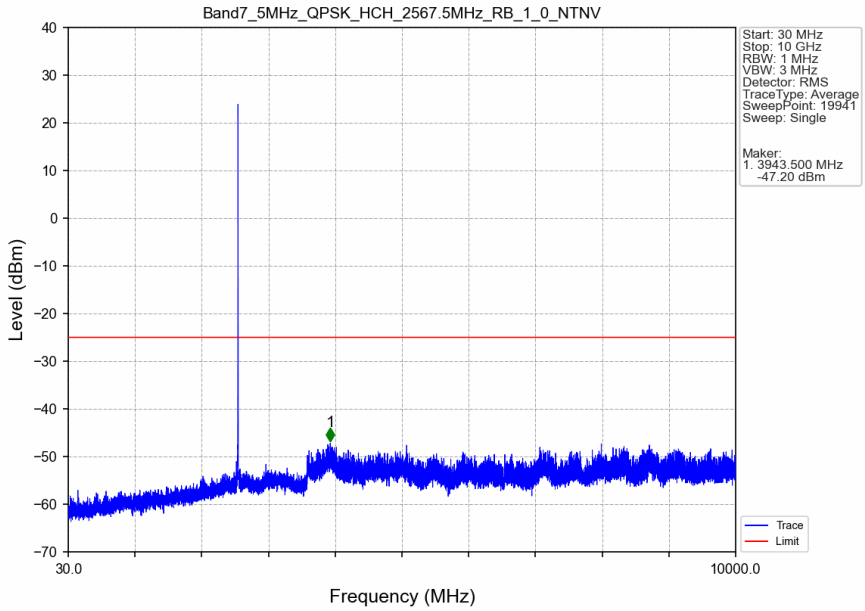
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



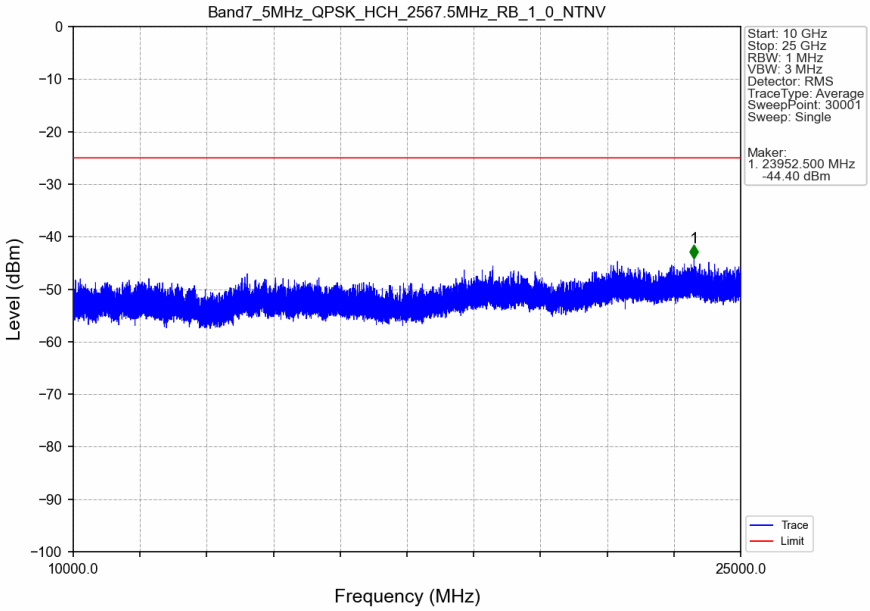
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



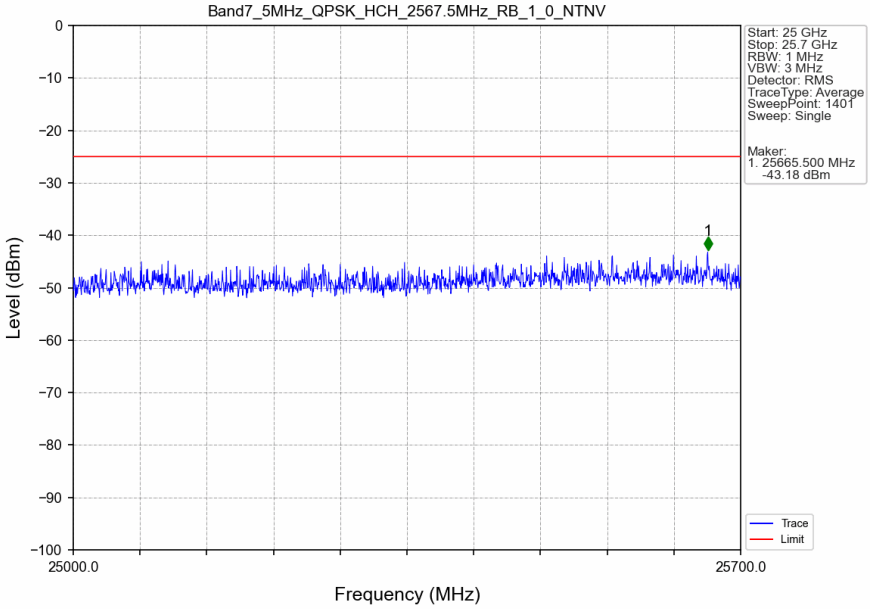
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



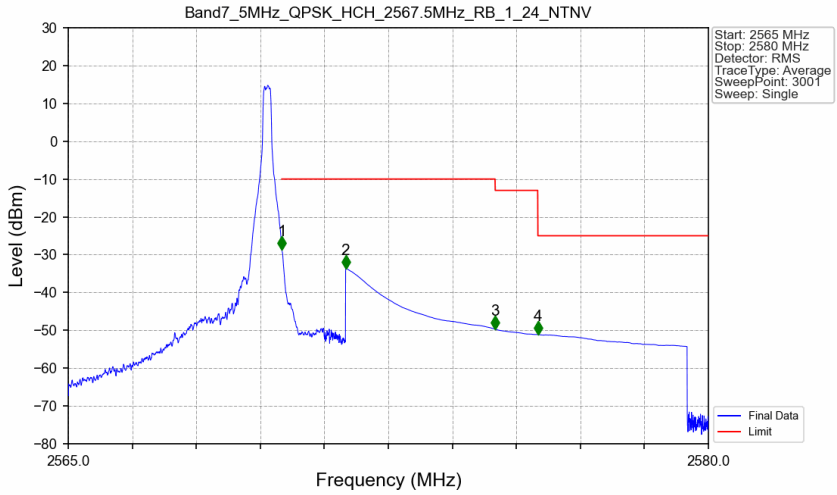
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

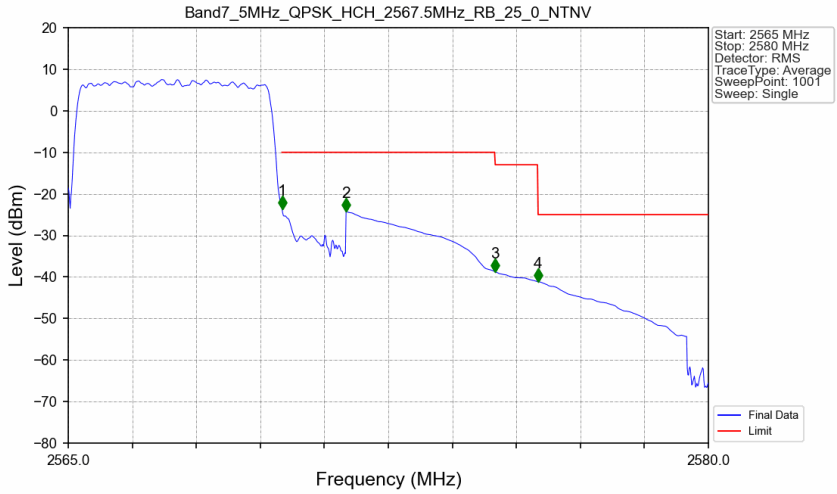


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



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	-28.73	-10	Pass
2571	2575	1	CHP	2	2571.500	-33.62	-10	Pass
2575	2576	1	CHP	3	2575.005	-49.73	-13	Pass
2576	2580	1	CHP	4	2576.005	-51.13	-25	Pass

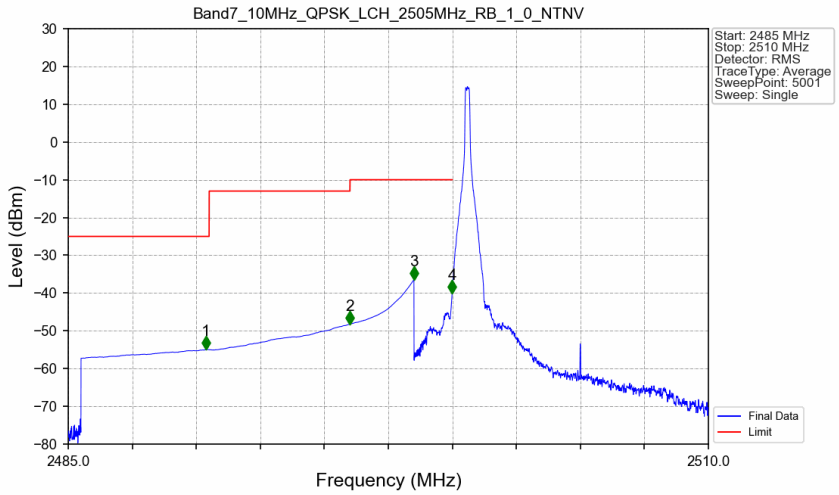
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.103	CHP	/	/	/	/	/
2570	2571	0.103	CHP	1	2570.010	-23.72	-10	Pass
2571	2575	1	CHP	2	2571.510	-24.20	-10	Pass
2575	2576	1	CHP	3	2575.005	-38.77	-13	Pass
2576	2580	1	CHP	4	2576.010	-41.13	-25	Pass

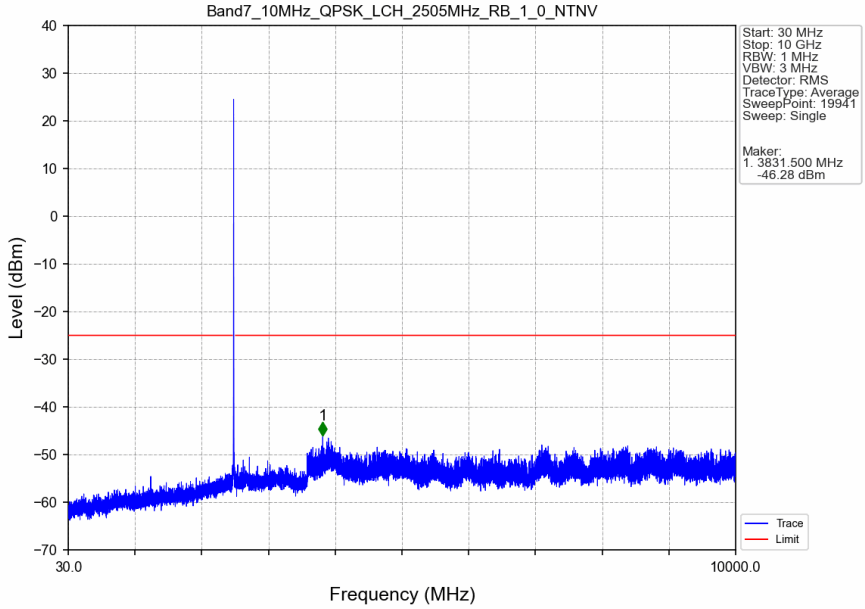
5.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

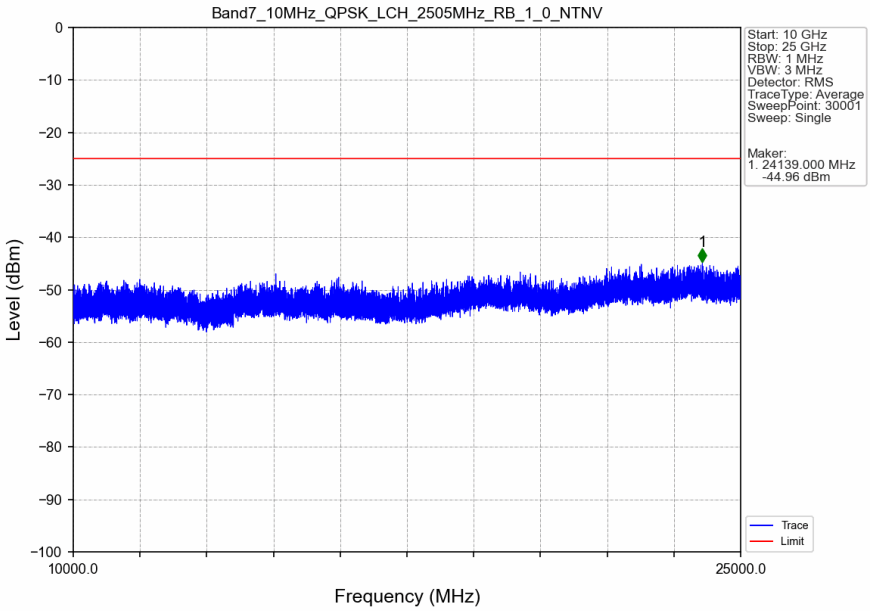


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.380	-54.98	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-48.21	-13	Pass
2496	2499	1	CHP	3	2498.500	-36.48	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-40.15	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

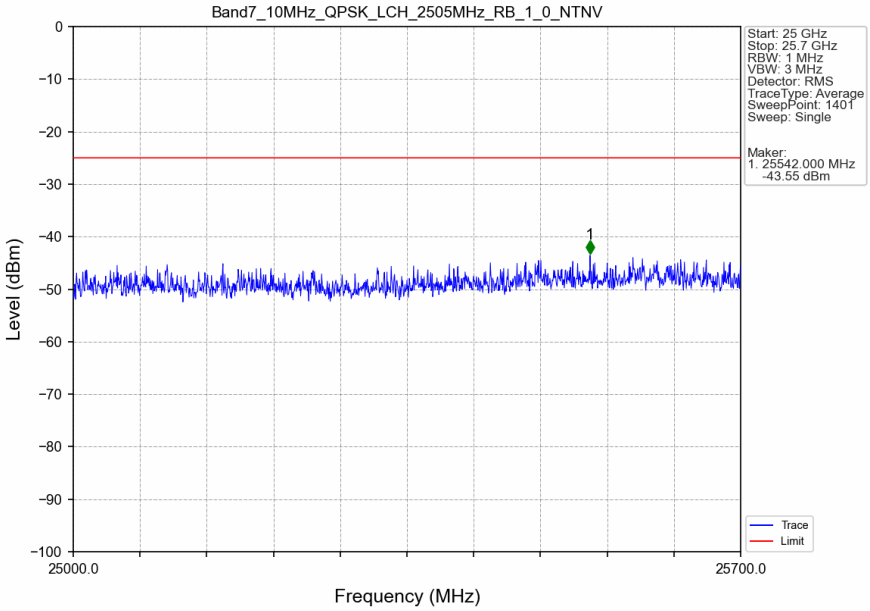
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



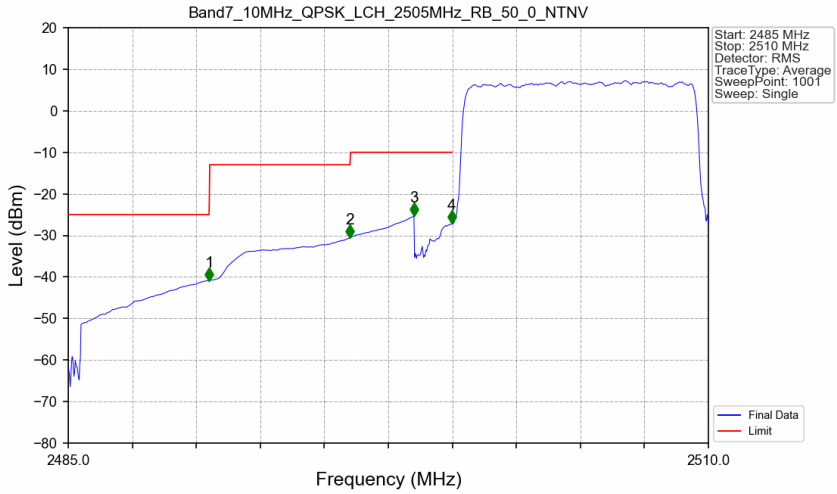
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

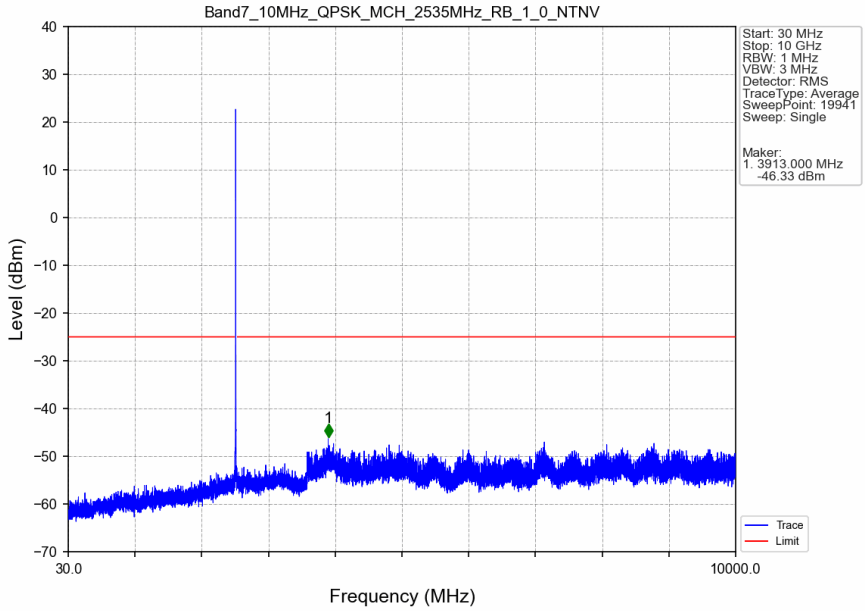


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

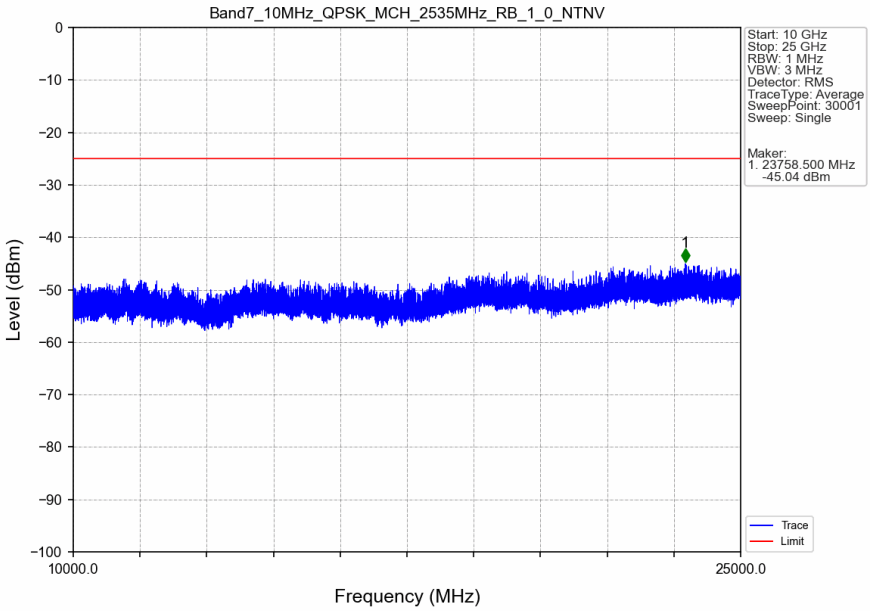


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-40.89	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-30.60	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.38	-10	Pass
2499	2500	0.203	CHP	4	2499.975	-27.14	-10	Pass
2500	2510	0.203	CHP	/	/	/	/	/

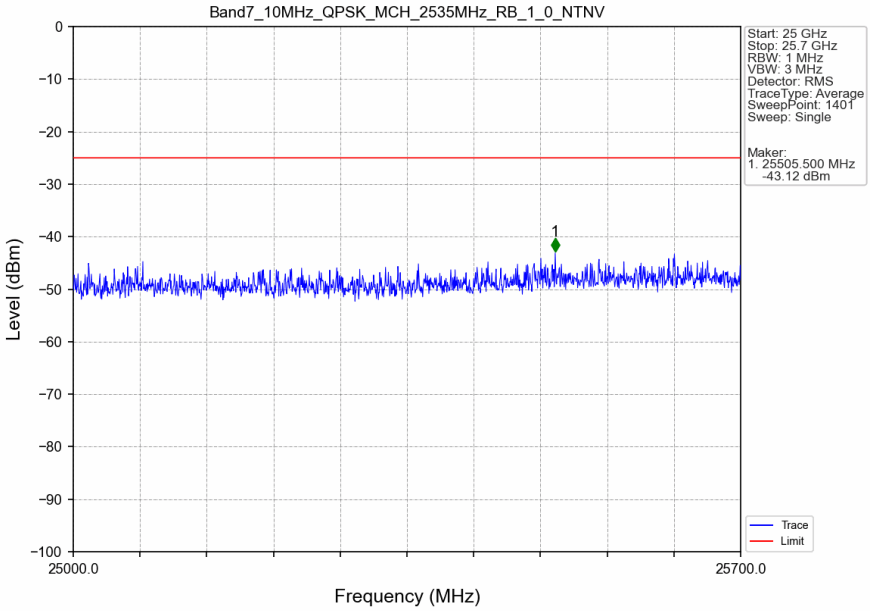
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



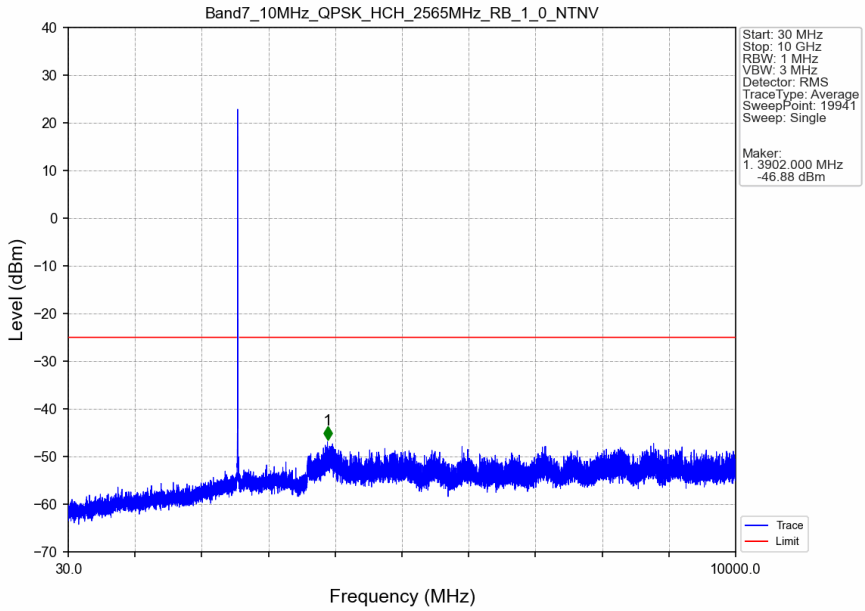
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



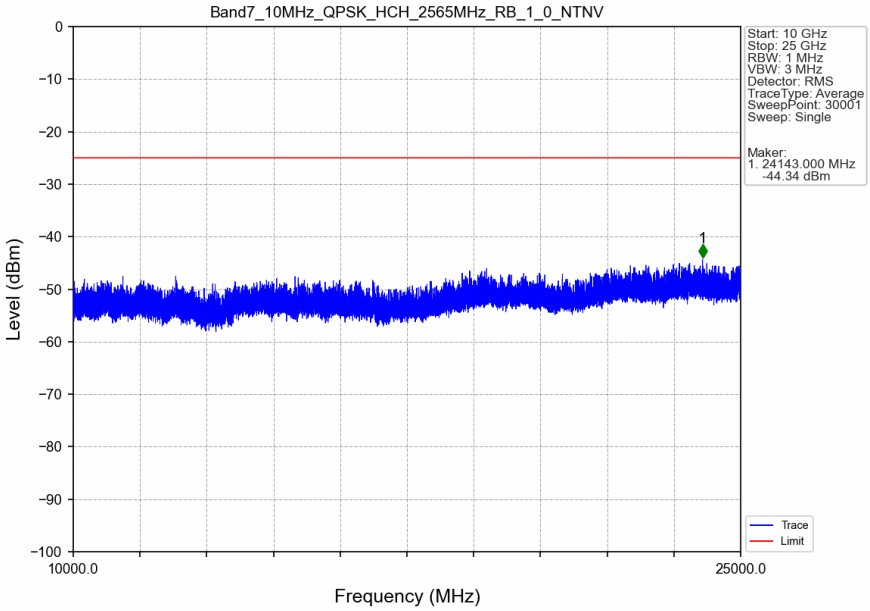
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



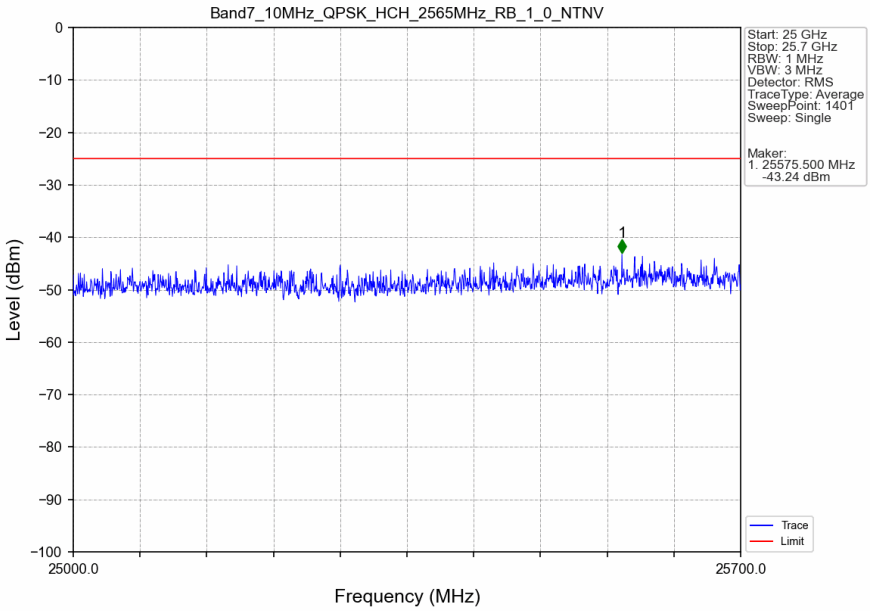
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



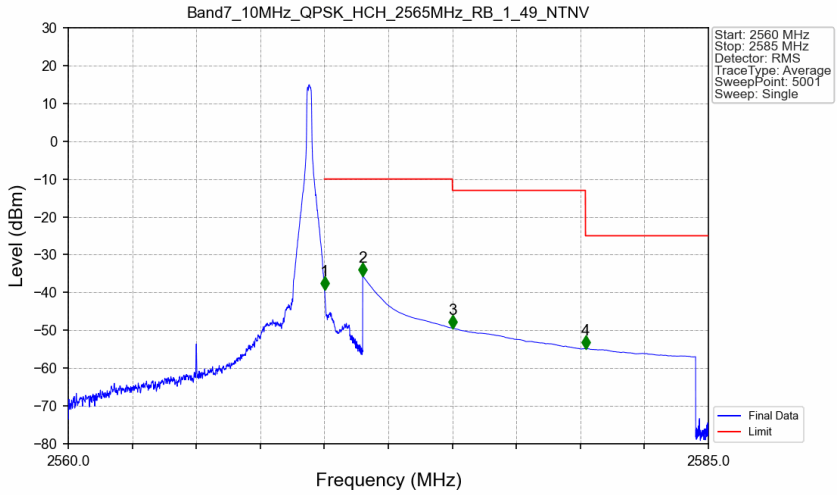
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

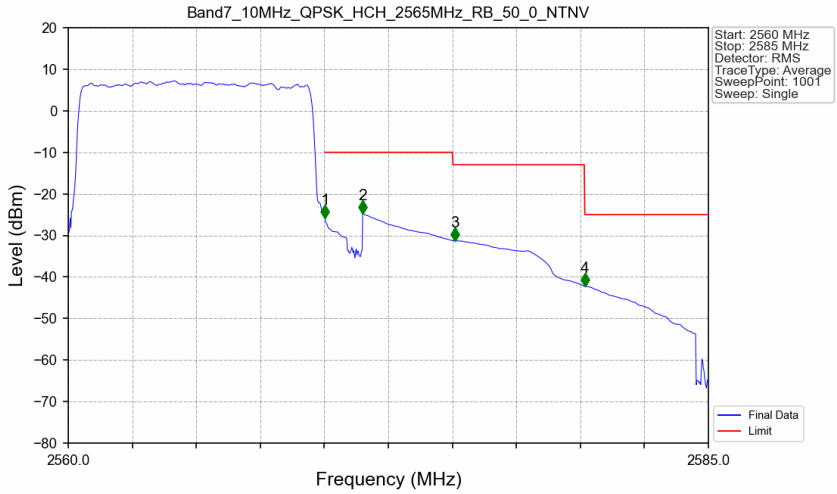


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



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	-39.18	-10	Pass
2571	2575	1	CHP	2	2571.500	-35.61	-10	Pass
2575	2580.198	1	CHP	3	2575.005	-49.44	-13	Pass
2580.198	2585	1	CHP	4	2580.200	-54.86	-25	Pass

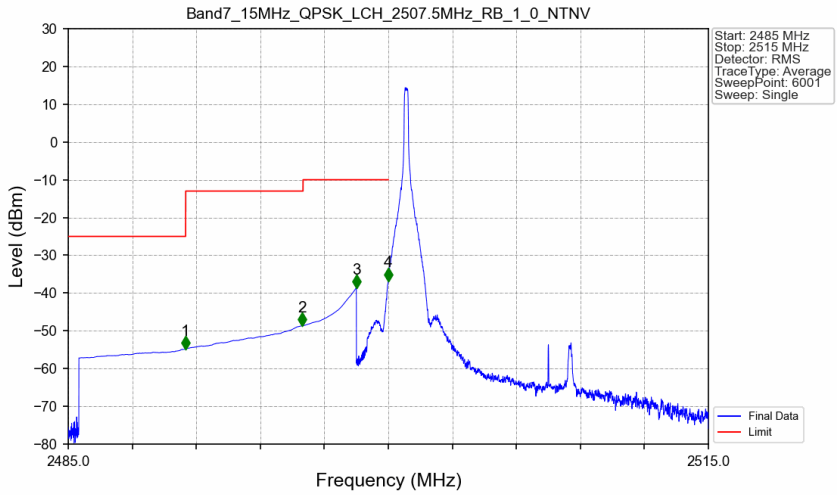
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.203	CHP	/	/	/	/	/
2570	2571	0.203	CHP	1	2570.025	-25.88	-10	Pass
2571	2575	1	CHP	2	2571.500	-24.79	-10	Pass
2575	2580.156	1	CHP	3	2575.100	-31.28	-13	Pass
2580.156	2585	1	CHP	4	2580.175	-42.24	-25	Pass

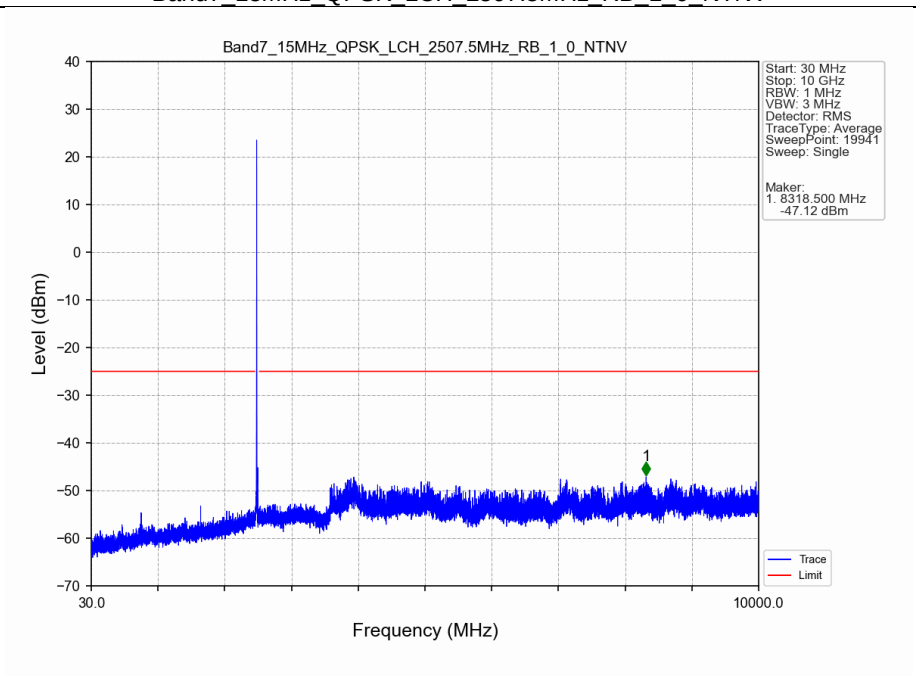
5.2.3 B7_15MHz

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

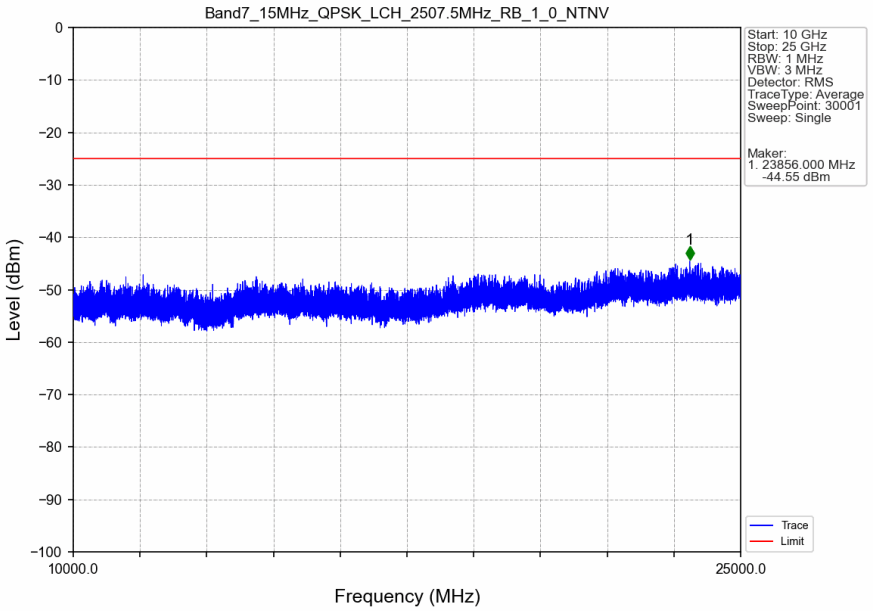


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.485	-54.86	-25	Pass
2490.5	2496	1	CHP	2	2495.970	-48.62	-13	Pass
2496	2499	1	CHP	3	2498.500	-38.58	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-36.76	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

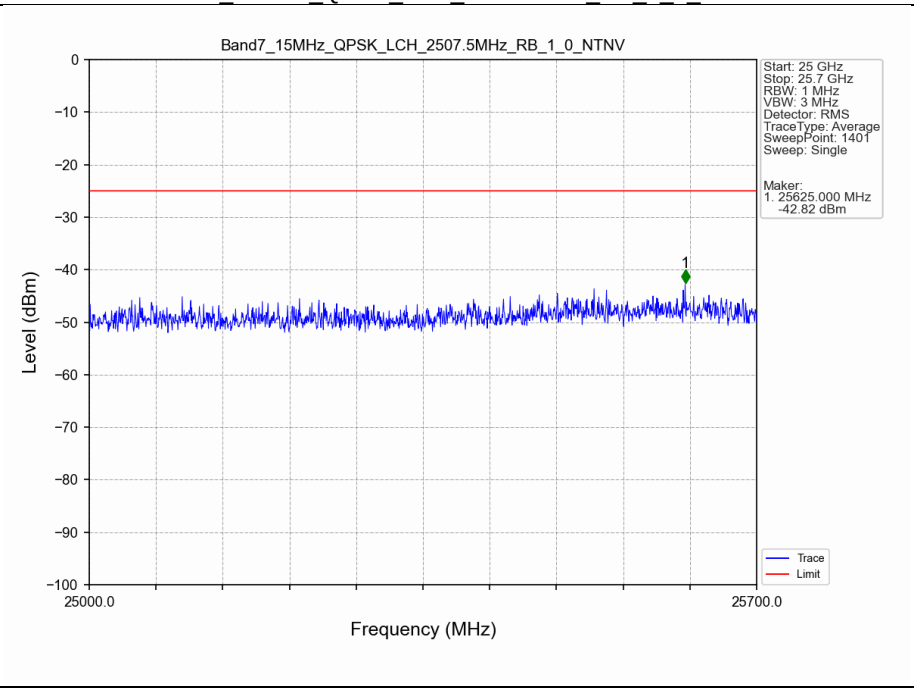
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



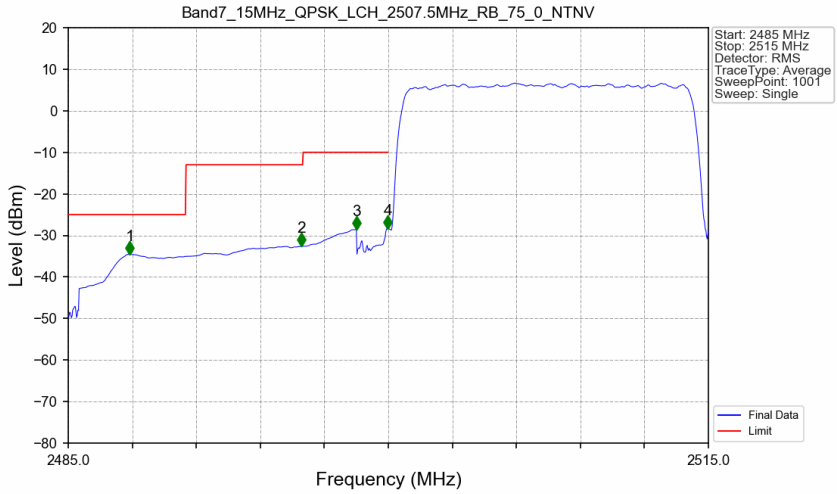
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

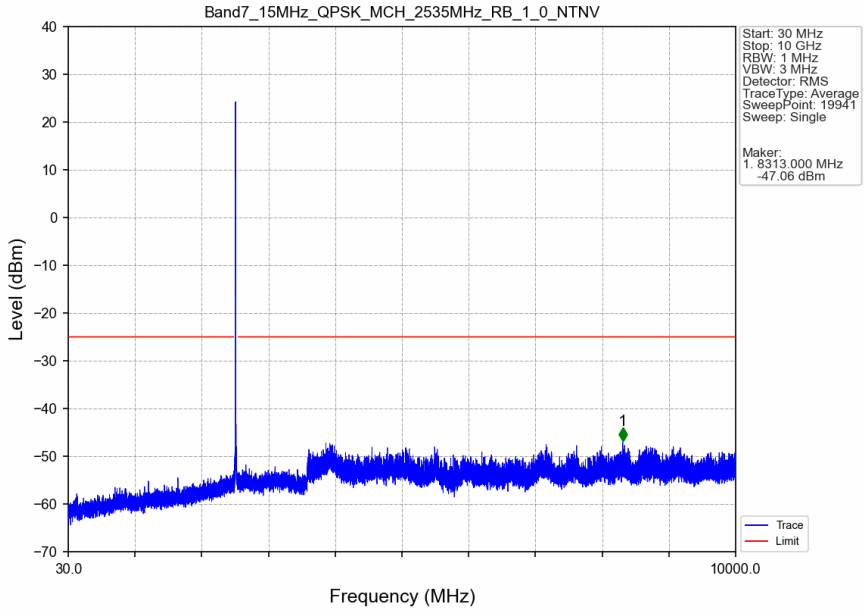


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

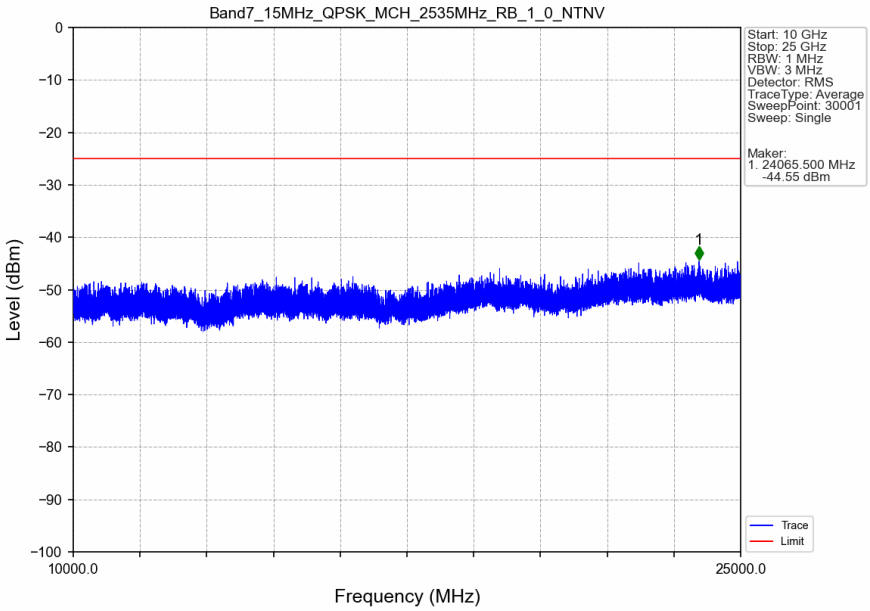


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.880	-34.53	-25	Pass
2490.5	2496	1	CHP	2	2495.920	-32.61	-13	Pass
2496	2499	1	CHP	3	2498.500	-28.53	-10	Pass
2499	2500	0.303	CHP	4	2499.970	-28.33	-10	Pass
2500	2515	0.303	CHP	/	/	/	/	/

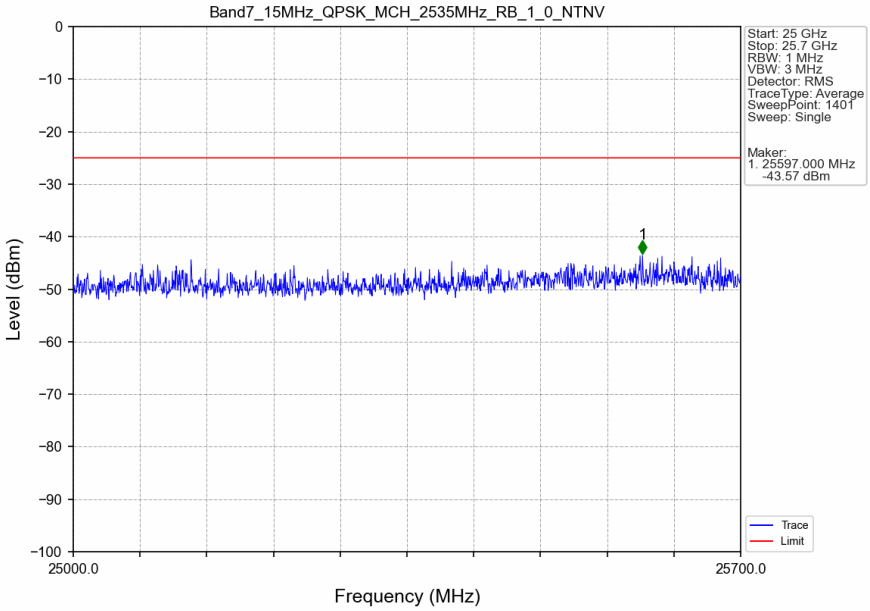
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



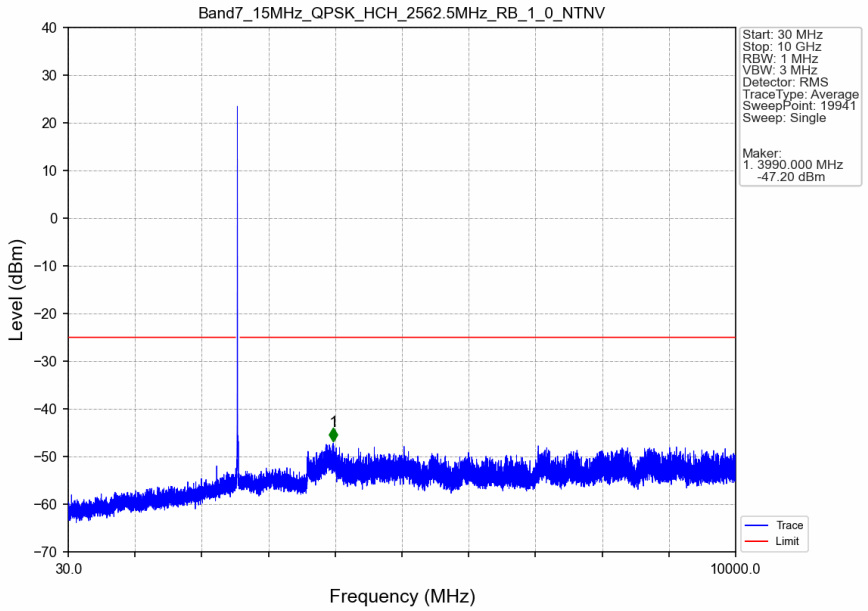
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



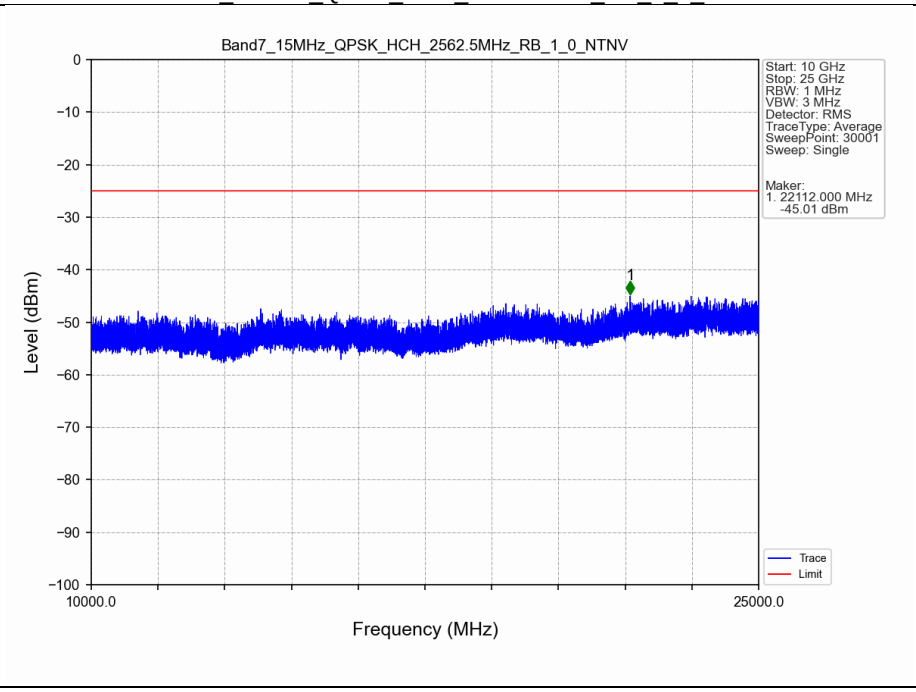
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



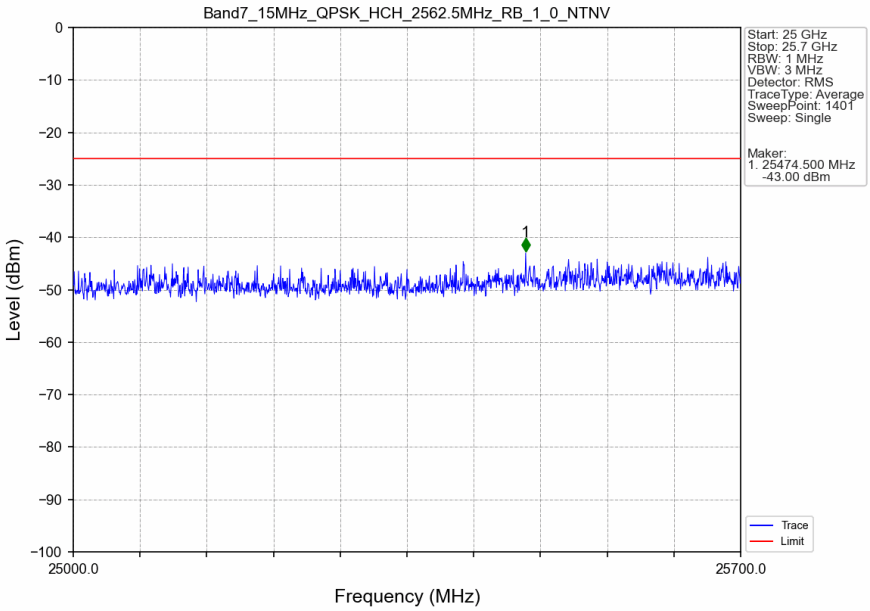
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



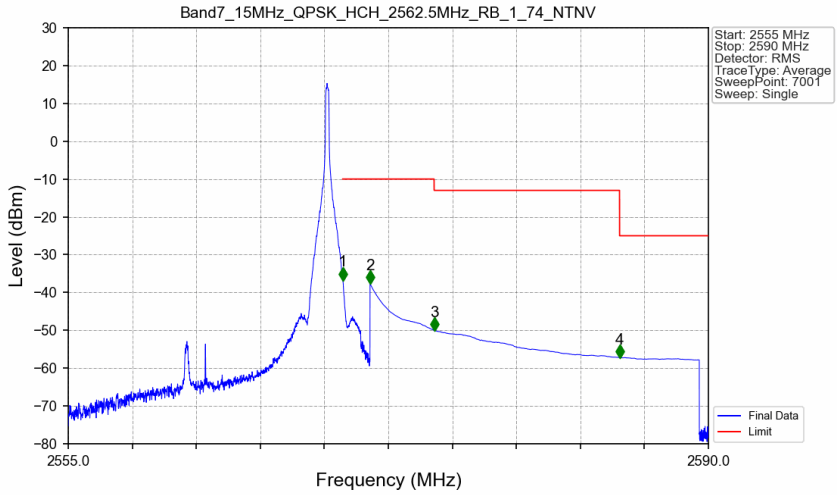
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

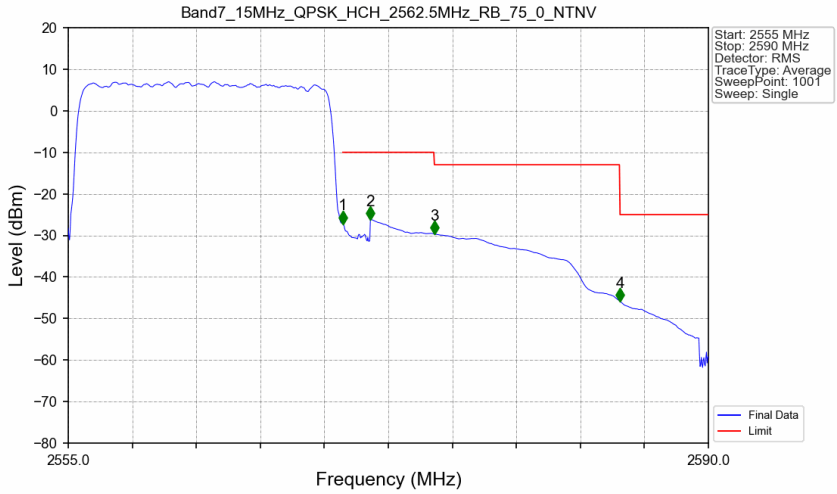


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



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	-36.76	-10	Pass
2571	2575	1	CHP	2	2571.500	-37.73	-10	Pass
2575	2585.141	1	CHP	3	2575.005	-50.03	-13	Pass
2585.141	2590	1	CHP	4	2585.145	-57.21	-25	Pass

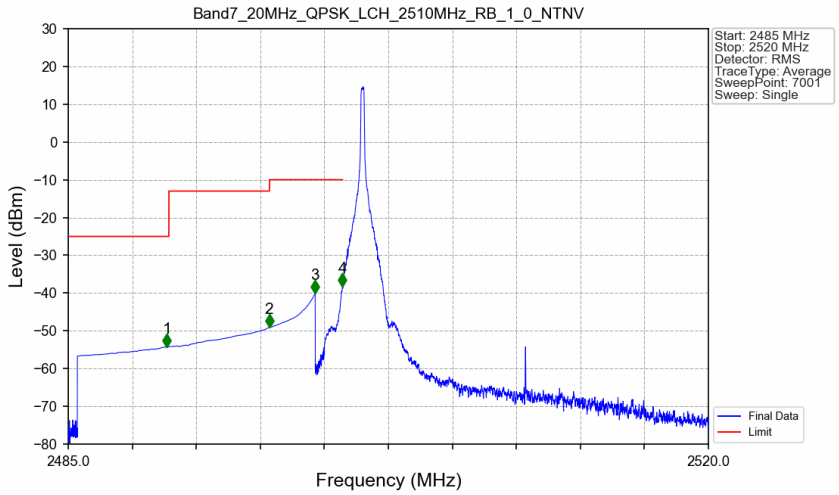
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.303	CHP	/	/	/	/	/
2570	2571	0.303	CHP	1	2570.015	-27.21	-10	Pass
2571	2575	1	CHP	2	2571.520	-26.14	-10	Pass
2575	2585.141	1	CHP	3	2575.020	-29.66	-13	Pass
2585.141	2590	1	CHP	4	2585.170	-45.86	-25	Pass

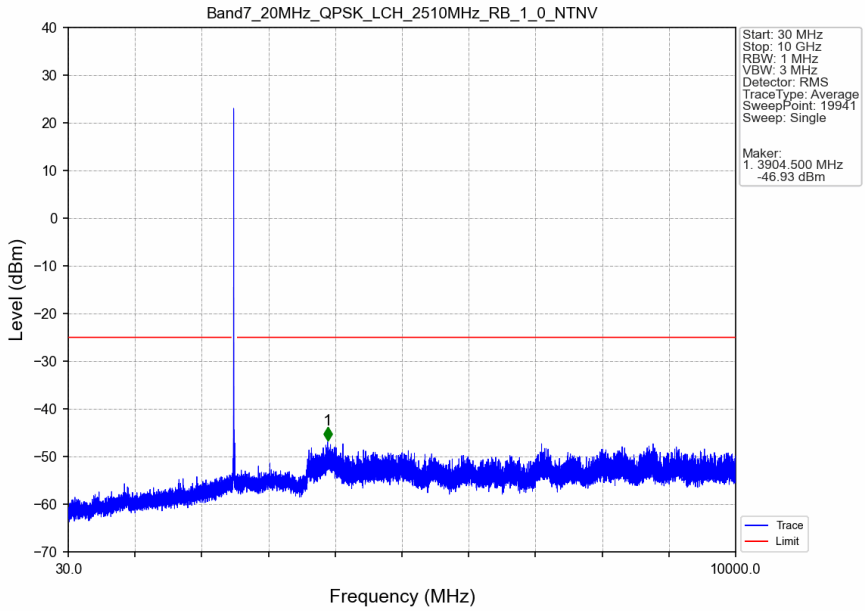
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

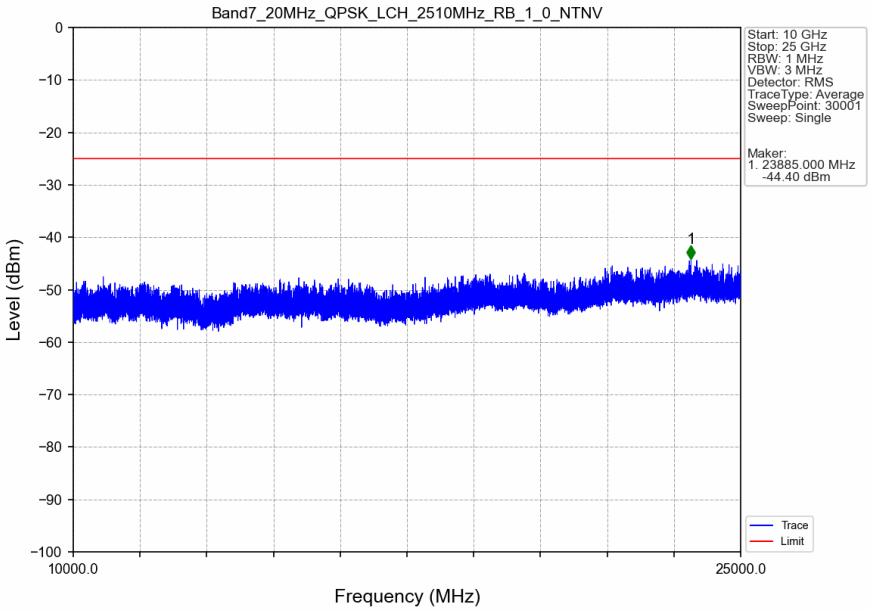


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.385	-54.24	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-49.14	-13	Pass
2496	2499	1	CHP	3	2498.500	-40.09	-10	Pass
2499	2500	0.02	CHP	4	2499.990	-38.27	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

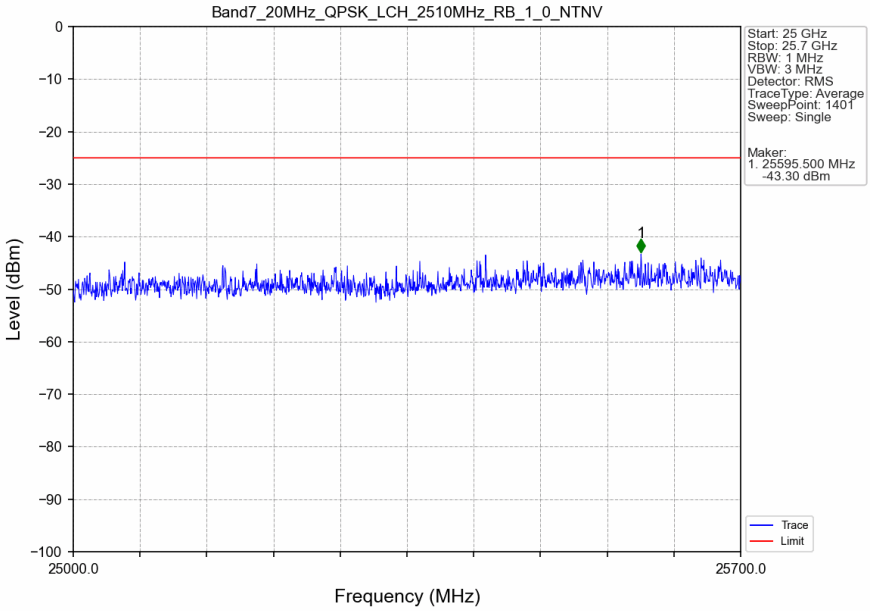
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



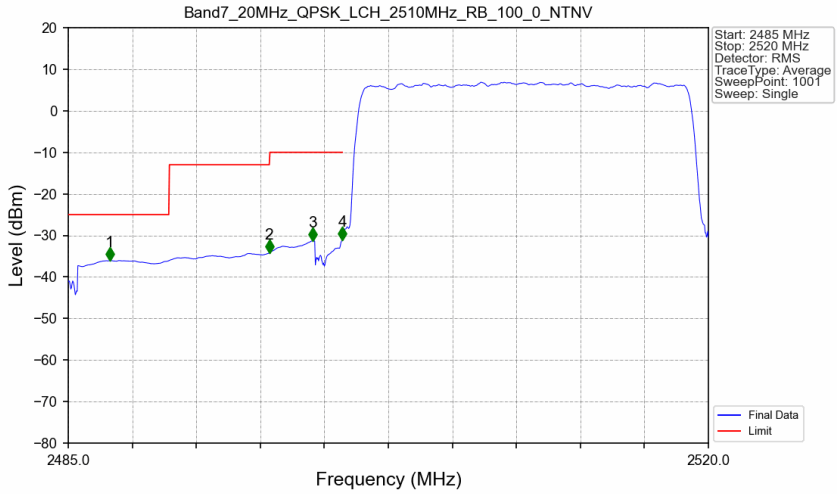
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

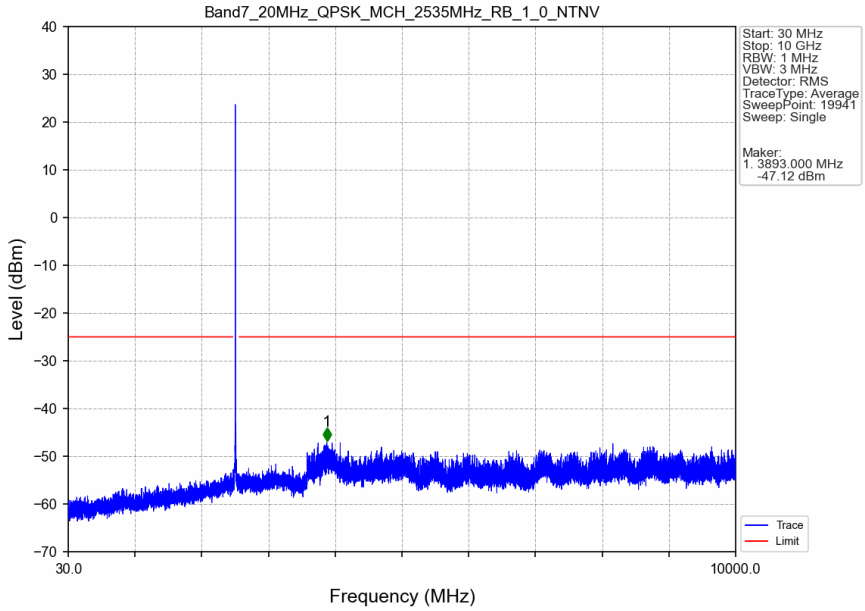


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

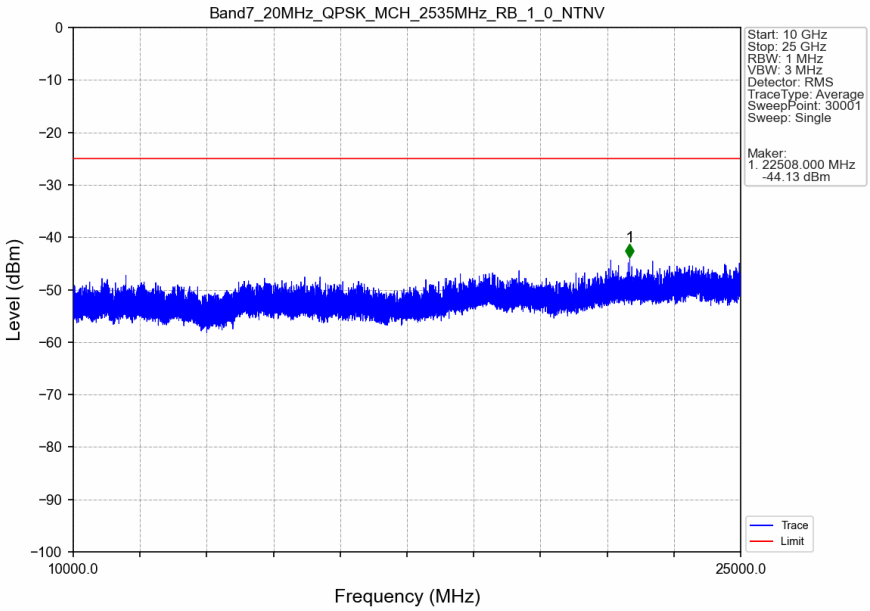


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.275	-36.05	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-34.20	-13	Pass
2496	2499	1	CHP	3	2498.370	-31.31	-10	Pass
2499	2500	0.402	CHP	4	2499.980	-31.17	-10	Pass
2500	2520	0.402	CHP	/	/	/	/	/

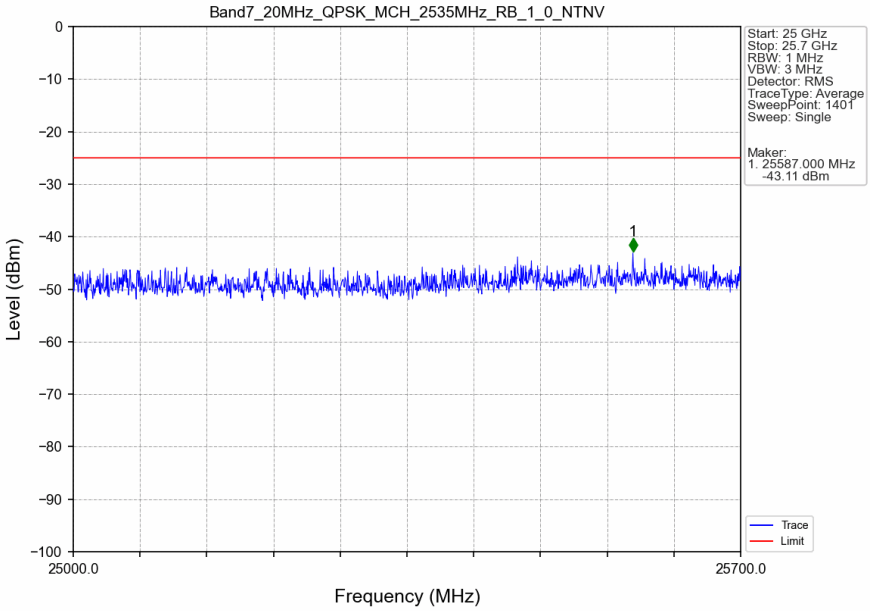
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



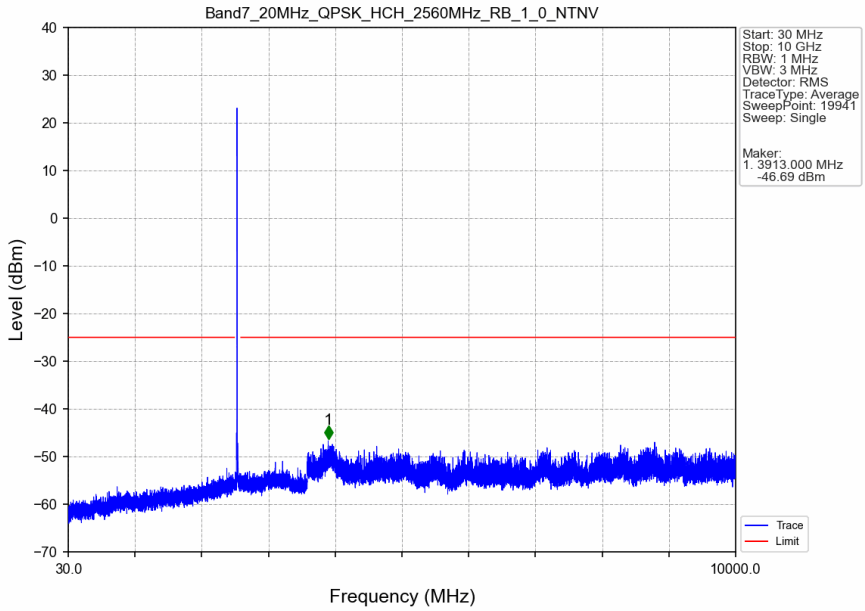
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



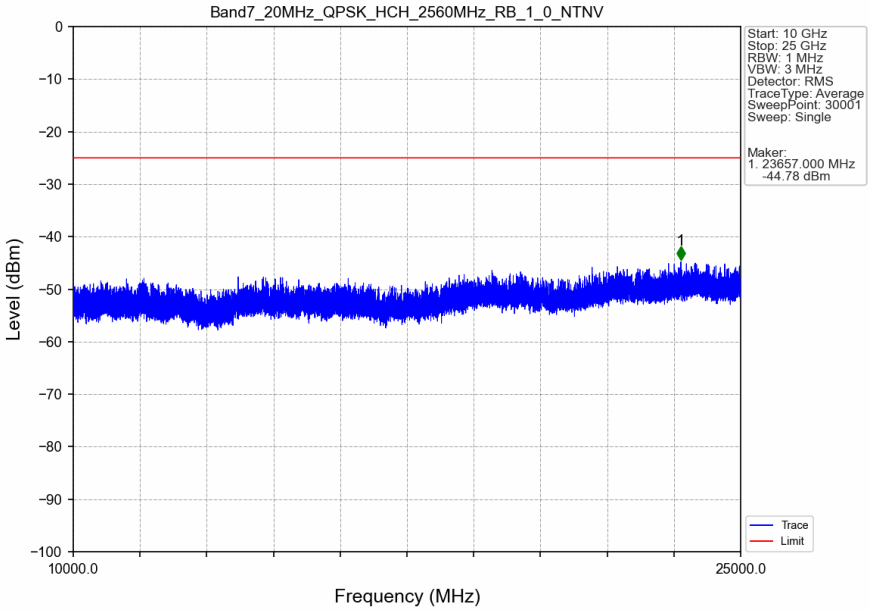
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



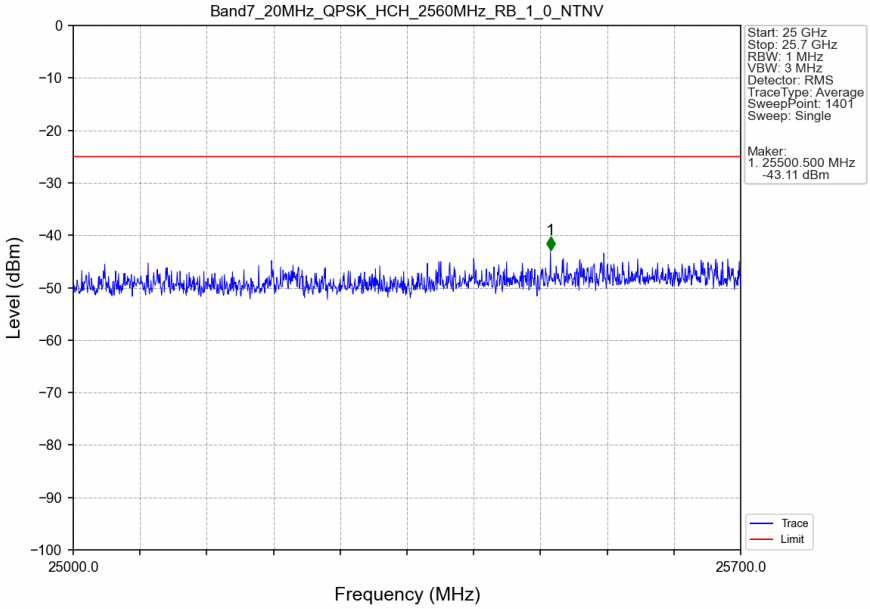
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



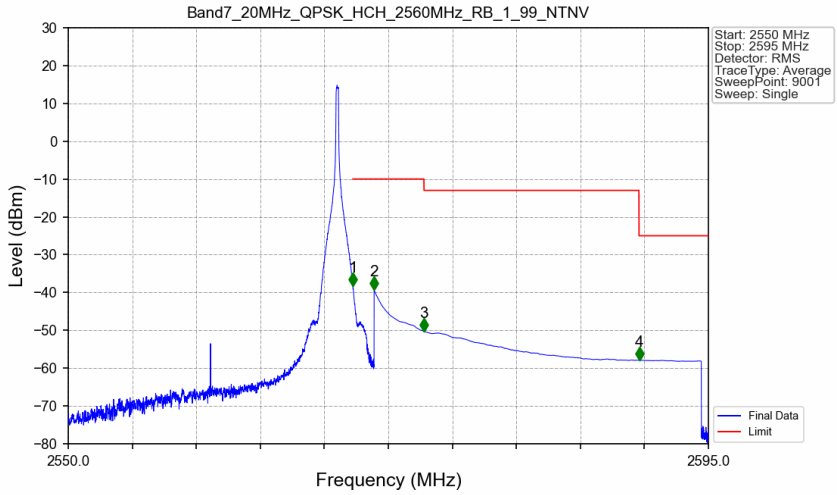
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

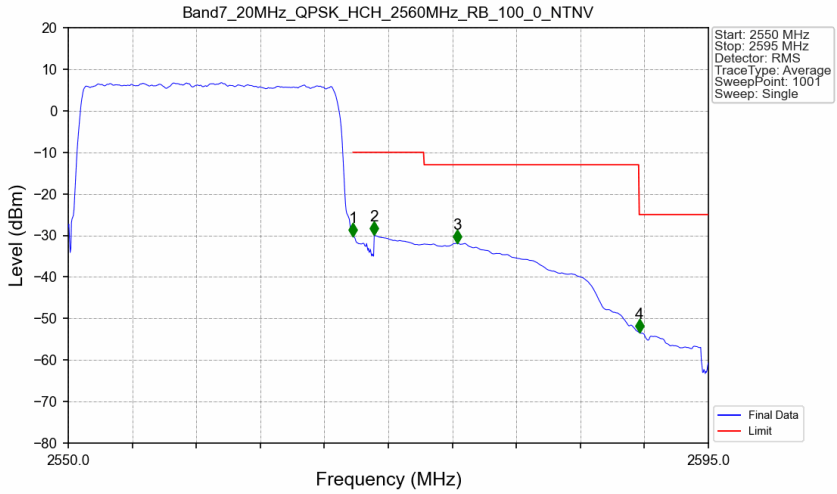


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



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	-38.34	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.32	-10	Pass
2575	2590.116	1	CHP	3	2575.005	-50.26	-13	Pass
2590.116	2595	1	CHP	4	2590.160	-57.90	-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	0.402	CHP	/	/	/	/	/
2570	2571	0.402	CHP	1	2570.025	-30.15	-10	Pass
2571	2575	1	CHP	2	2571.510	-29.87	-10	Pass
2575	2590.116	1	CHP	3	2577.315	-31.86	-13	Pass
2590.116	2595	1	CHP	4	2590.140	-53.35	-25	Pass