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	22.92	-0.45	22.47	<=33.01	Pass
			13	22.98	-0.45	22.53	<=33.01	Pass
			24	22.85	-0.45	22.40	<=33.01	Pass
		12	0	21.89	-0.45	21.44	<=33.01	Pass
			6	21.91	-0.45	21.46	<=33.01	Pass
			13	21.90	-0.45	21.45	<=33.01	Pass
		25	0	21.89	-0.45	21.44	<=33.01	Pass
	2535	1	0	23.11	-0.45	22.66	<=33.01	Pass
			13	23.23	-0.45	22.78	<=33.01	Pass
			24	23.10	-0.45	22.65	<=33.01	Pass
		12	0	22.06	-0.45	21.61	<=33.01	Pass
			6	22.08	-0.45	21.63	<=33.01	Pass
			13	22.12	-0.45	21.67	<=33.01	Pass
		25	0	22.03	-0.45	21.58	<=33.01	Pass
	2567.5	1	0	23.10	-0.45	22.65	<=33.01	Pass
			13	23.20	-0.45	22.75	<=33.01	Pass
			24	23.16	-0.45	22.71	<=33.01	Pass
		12	0	22.08	-0.45	21.63	<=33.01	Pass
			6	22.16	-0.45	21.71	<=33.01	Pass
			13	22.15	-0.45	21.70	<=33.01	Pass
		25	0	22.11	-0.45	21.66	<=33.01	Pass
16QAM	2502.5	1	0	21.89	-0.45	21.44	<=33.01	Pass
			13	21.93	-0.45	21.48	<=33.01	Pass
			24	21.89	-0.45	21.44	<=33.01	Pass
		12	0	20.90	-0.45	20.45	<=33.01	Pass
			6	20.89	-0.45	20.44	<=33.01	Pass
			13	20.83	-0.45	20.38	<=33.01	Pass
		25	0	20.85	-0.45	20.40	<=33.01	Pass
	2535	1	0	22.21	-0.45	21.76	<=33.01	Pass
			13	22.20	-0.45	21.75	<=33.01	Pass
			24	22.20	-0.45	21.75	<=33.01	Pass
		12	0	21.05	-0.45	20.60	<=33.01	Pass
			6	21.10	-0.45	20.65	<=33.01	Pass
			13	21.08	-0.45	20.63	<=33.01	Pass
		25	0	21.05	-0.45	20.60	<=33.01	Pass
	2567.5	1	0	22.25	-0.45	21.80	<=33.01	Pass
			13	22.23	-0.45	21.78	<=33.01	Pass
			24	22.22	-0.45	21.77	<=33.01	Pass
		12	0	21.07	-0.45	20.62	<=33.01	Pass
			6	21.10	-0.45	20.65	<=33.01	Pass
			13	21.06	-0.45	20.61	<=33.01	Pass
		25	0	21.15	-0.45	20.70	<=33.01	Pass
64QAM	2502.5	1	0	21.01	-0.45	20.56	<=33.01	Pass
			13	21.07	-0.45	20.62	<=33.01	Pass
			24	20.93	-0.45	20.48	<=33.01	Pass
		12	0	19.90	-0.45	19.45	<=33.01	Pass
			6	19.88	-0.45	19.43	<=33.01	Pass
			13	19.89	-0.45	19.44	<=33.01	Pass
		25	0	19.84	-0.45	19.39	<=33.01	Pass

	2535	1	0	21.34	-0.45	20.89	<=33.01	Pass
			13	21.41	-0.45	20.96	<=33.01	Pass
			24	21.27	-0.45	20.82	<=33.01	Pass
		12	0	20.04	-0.45	19.59	<=33.01	Pass
			6	20.04	-0.45	19.59	<=33.01	Pass
			13	20.21	-0.45	19.76	<=33.01	Pass
		25	0	20.06	-0.45	19.61	<=33.01	Pass
	2567.5	1	0	21.43	-0.45	20.98	<=33.01	Pass
			13	21.46	-0.45	21.01	<=33.01	Pass
			24	21.41	-0.45	20.96	<=33.01	Pass
		12	0	20.04	-0.45	19.59	<=33.01	Pass
			6	20.20	-0.45	19.75	<=33.01	Pass
			13	20.19	-0.45	19.74	<=33.01	Pass
		25	0	20.16	-0.45	19.71	<=33.01	Pass
256QAM	2502.5	1	0	17.91	-0.45	17.46	<=33.01	Pass
			13	18.00	-0.45	17.55	<=33.01	Pass
			24	17.95	-0.45	17.50	<=33.01	Pass
		12	0	17.93	-0.45	17.48	<=33.01	Pass
			6	17.93	-0.45	17.48	<=33.01	Pass
			13	17.89	-0.45	17.44	<=33.01	Pass
		25	0	17.87	-0.45	17.42	<=33.01	Pass
	2535	1	0	18.25	-0.45	17.80	<=33.01	Pass
			13	18.32	-0.45	17.87	<=33.01	Pass
			24	18.24	-0.45	17.79	<=33.01	Pass
		12	0	18.12	-0.45	17.67	<=33.01	Pass
			6	18.13	-0.45	17.68	<=33.01	Pass
			13	18.17	-0.45	17.72	<=33.01	Pass
		25	0	18.11	-0.45	17.66	<=33.01	Pass
	2567.5	1	0	18.21	-0.45	17.76	<=33.01	Pass
			13	18.42	-0.45	17.97	<=33.01	Pass
			24	18.36	-0.45	17.91	<=33.01	Pass
		12	0	18.13	-0.45	17.68	<=33.01	Pass
			6	18.21	-0.45	17.76	<=33.01	Pass
			13	18.18	-0.45	17.73	<=33.01	Pass
		25	0	18.17	-0.45	17.72	<=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	22.88	-0.45	22.43	<=33.01	Pass
			25	22.88	-0.45	22.43	<=33.01	Pass
			49	22.77	-0.45	22.32	<=33.01	Pass
		25	0	21.88	-0.45	21.43	<=33.01	Pass
			13	21.91	-0.45	21.46	<=33.01	Pass
			25	21.87	-0.45	21.42	<=33.01	Pass
		50	0	21.87	-0.45	21.42	<=33.01	Pass
	2535	1	0	23.17	-0.45	22.72	<=33.01	Pass
			25	23.16	-0.45	22.71	<=33.01	Pass
			49	23.04	-0.45	22.59	<=33.01	Pass
		25	0	22.09	-0.45	21.64	<=33.01	Pass
			13	22.07	-0.45	21.62	<=33.01	Pass
			25	22.02	-0.45	21.57	<=33.01	Pass
		50	0	22.05	-0.45	21.60	<=33.01	Pass
	2565	1	0	23.03	-0.45	22.58	<=33.01	Pass

			25	23.14	-0.45	22.69	<=33.01	Pass
			49	23.12	-0.45	22.67	<=33.01	Pass
		25	0	22.08	-0.45	21.63	<=33.01	Pass
			13	22.12	-0.45	21.67	<=33.01	Pass
			25	22.16	-0.45	21.71	<=33.01	Pass
		50	0	22.13	-0.45	21.68	<=33.01	Pass
16QAM	2505	1	0	21.96	-0.45	21.51	<=33.01	Pass
			25	21.93	-0.45	21.48	<=33.01	Pass
			49	22.00	-0.45	21.55	<=33.01	Pass
		25	0	20.91	-0.45	20.46	<=33.01	Pass
			13	20.89	-0.45	20.44	<=33.01	Pass
			25	20.84	-0.45	20.39	<=33.01	Pass
		50	0	20.86	-0.45	20.41	<=33.01	Pass
	2535	1	0	22.13	-0.45	21.68	<=33.01	Pass
			25	22.26	-0.45	21.81	<=33.01	Pass
			49	22.12	-0.45	21.67	<=33.01	Pass
		25	0	21.07	-0.45	20.62	<=33.01	Pass
			13	21.06	-0.45	20.61	<=33.01	Pass
			25	21.04	-0.45	20.59	<=33.01	Pass
		50	0	21.06	-0.45	20.61	<=33.01	Pass
	2565	1	0	22.15	-0.45	21.70	<=33.01	Pass
			25	22.32	-0.45	21.87	<=33.01	Pass
			49	22.33	-0.45	21.88	<=33.01	Pass
		25	0	21.07	-0.45	20.62	<=33.01	Pass
			13	21.14	-0.45	20.69	<=33.01	Pass
			25	21.14	-0.45	20.69	<=33.01	Pass
		50	0	21.07	-0.45	20.62	<=33.01	Pass
64QAM	2505	1	0	21.12	-0.45	20.67	<=33.01	Pass
			25	21.15	-0.45	20.70	<=33.01	Pass
			49	21.09	-0.45	20.64	<=33.01	Pass
		25	0	19.89	-0.45	19.44	<=33.01	Pass
			13	19.90	-0.45	19.45	<=33.01	Pass
			25	19.87	-0.45	19.42	<=33.01	Pass
		50	0	19.83	-0.45	19.38	<=33.01	Pass
	2535	1	0	21.39	-0.45	20.94	<=33.01	Pass
			25	21.53	-0.45	21.08	<=33.01	Pass
			49	21.27	-0.45	20.82	<=33.01	Pass
		25	0	20.11	-0.45	19.66	<=33.01	Pass
			13	20.05	-0.45	19.60	<=33.01	Pass
			25	20.00	-0.45	19.55	<=33.01	Pass
		50	0	20.01	-0.45	19.56	<=33.01	Pass
	2565	1	0	21.25	-0.45	20.80	<=33.01	Pass
			25	21.41	-0.45	20.96	<=33.01	Pass
			49	21.38	-0.45	20.93	<=33.01	Pass
		25	0	20.04	-0.45	19.59	<=33.01	Pass
			13	20.14	-0.45	19.69	<=33.01	Pass
			25	20.15	-0.45	19.70	<=33.01	Pass
		50	0	20.08	-0.45	19.63	<=33.01	Pass
256QAM	2505	1	0	18.00	-0.45	17.55	<=33.01	Pass
			25	17.97	-0.45	17.52	<=33.01	Pass
			49	18.08	-0.45	17.63	<=33.01	Pass
		25	0	17.94	-0.45	17.49	<=33.01	Pass
			13	17.94	-0.45	17.49	<=33.01	Pass
			25	17.93	-0.45	17.48	<=33.01	Pass
		50	0	17.95	-0.45	17.50	<=33.01	Pass
	2535	1	0	18.20	-0.45	17.75	<=33.01	Pass
			25	18.32	-0.45	17.87	<=33.01	Pass
			49	18.13	-0.45	17.68	<=33.01	Pass
		25	0	18.13	-0.45	17.68	<=33.01	Pass

			13	18.09	-0.45	17.64	<=33.01	Pass
			25	18.07	-0.45	17.62	<=33.01	Pass
		50	0	18.15	-0.45	17.70	<=33.01	Pass
	2565	1	0	18.09	-0.45	17.64	<=33.01	Pass
			25	18.26	-0.45	17.81	<=33.01	Pass
			49	18.18	-0.45	17.73	<=33.01	Pass
		25	0	18.10	-0.45	17.65	<=33.01	Pass
			13	18.19	-0.45	17.74	<=33.01	Pass
			25	18.21	-0.45	17.76	<=33.01	Pass
		50	0	18.18	-0.45	17.73	<=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	22.66	-0.45	22.21	<=33.01	Pass
			38	22.70	-0.45	22.25	<=33.01	Pass
			74	22.73	-0.45	22.28	<=33.01	Pass
		36	0	21.74	-0.45	21.29	<=33.01	Pass
			18	21.75	-0.45	21.30	<=33.01	Pass
			39	21.75	-0.45	21.30	<=33.01	Pass
		75	0	21.77	-0.45	21.32	<=33.01	Pass
	2535	1	0	22.95	-0.45	22.50	<=33.01	Pass
			38	22.90	-0.45	22.45	<=33.01	Pass
			74	22.78	-0.45	22.33	<=33.01	Pass
		36	0	21.95	-0.45	21.50	<=33.01	Pass
			18	21.93	-0.45	21.48	<=33.01	Pass
			39	21.88	-0.45	21.43	<=33.01	Pass
		75	0	21.95	-0.45	21.50	<=33.01	Pass
	2562.5	1	0	22.73	-0.45	22.28	<=33.01	Pass
			38	22.89	-0.45	22.44	<=33.01	Pass
			74	22.89	-0.45	22.44	<=33.01	Pass
		36	0	21.84	-0.45	21.39	<=33.01	Pass
			18	21.96	-0.45	21.51	<=33.01	Pass
			39	22.02	-0.45	21.57	<=33.01	Pass
		75	0	21.97	-0.45	21.52	<=33.01	Pass
16QAM	2507.5	1	0	21.75	-0.45	21.30	<=33.01	Pass
			38	21.75	-0.45	21.30	<=33.01	Pass
			74	21.75	-0.45	21.30	<=33.01	Pass
		36	0	20.76	-0.45	20.31	<=33.01	Pass
			18	20.75	-0.45	20.30	<=33.01	Pass
			39	20.73	-0.45	20.28	<=33.01	Pass
		75	0	20.72	-0.45	20.27	<=33.01	Pass
	2535	1	0	22.13	-0.45	21.68	<=33.01	Pass
			38	21.97	-0.45	21.52	<=33.01	Pass
			74	21.92	-0.45	21.47	<=33.01	Pass
		36	0	20.94	-0.45	20.49	<=33.01	Pass
			18	20.92	-0.45	20.47	<=33.01	Pass
			39	20.86	-0.45	20.41	<=33.01	Pass
		75	0	20.92	-0.45	20.47	<=33.01	Pass
	2562.5	1	0	21.91	-0.45	21.46	<=33.01	Pass
			38	22.12	-0.45	21.67	<=33.01	Pass
			74	22.13	-0.45	21.68	<=33.01	Pass
		36	0	20.84	-0.45	20.39	<=33.01	Pass
			18	20.95	-0.45	20.50	<=33.01	Pass

			39	21.02	-0.45	20.57	<=33.01	Pass
		75	0	20.95	-0.45	20.50	<=33.01	Pass
64QAM	2507.5	1	0	20.83	-0.45	20.38	<=33.01	Pass
			38	20.96	-0.45	20.51	<=33.01	Pass
			74	21.00	-0.45	20.55	<=33.01	Pass
		36	0	19.77	-0.45	19.32	<=33.01	Pass
			18	19.77	-0.45	19.32	<=33.01	Pass
			39	19.76	-0.45	19.31	<=33.01	Pass
		75	0	19.75	-0.45	19.30	<=33.01	Pass
	2535	1	0	21.39	-0.45	20.94	<=33.01	Pass
			38	21.19	-0.45	20.74	<=33.01	Pass
			74	21.06	-0.45	20.61	<=33.01	Pass
		36	0	19.95	-0.45	19.50	<=33.01	Pass
			18	19.92	-0.45	19.47	<=33.01	Pass
			39	19.91	-0.45	19.46	<=33.01	Pass
		75	0	19.93	-0.45	19.48	<=33.01	Pass
	2562.5	1	0	21.05	-0.45	20.60	<=33.01	Pass
			38	21.09	-0.45	20.64	<=33.01	Pass
			74	21.31	-0.45	20.86	<=33.01	Pass
		36	0	19.83	-0.45	19.38	<=33.01	Pass
			18	19.97	-0.45	19.52	<=33.01	Pass
			39	19.98	-0.45	19.53	<=33.01	Pass
		75	0	19.93	-0.45	19.48	<=33.01	Pass
256QAM	2507.5	1	0	17.80	-0.45	17.35	<=33.01	Pass
			38	17.74	-0.45	17.29	<=33.01	Pass
			74	18.01	-0.45	17.56	<=33.01	Pass
		36	0	17.76	-0.45	17.31	<=33.01	Pass
			18	17.74	-0.45	17.29	<=33.01	Pass
			39	17.79	-0.45	17.34	<=33.01	Pass
		75	0	17.79	-0.45	17.34	<=33.01	Pass
	2535	1	0	18.02	-0.45	17.57	<=33.01	Pass
			38	18.07	-0.45	17.62	<=33.01	Pass
			74	17.94	-0.45	17.49	<=33.01	Pass
		36	0	18.03	-0.45	17.58	<=33.01	Pass
			18	17.98	-0.45	17.53	<=33.01	Pass
			39	17.93	-0.45	17.48	<=33.01	Pass
		75	0	17.98	-0.45	17.53	<=33.01	Pass
	2562.5	1	0	17.91	-0.45	17.46	<=33.01	Pass
			38	17.98	-0.45	17.53	<=33.01	Pass
			74	18.09	-0.45	17.64	<=33.01	Pass
		36	0	17.86	-0.45	17.41	<=33.01	Pass
			18	17.94	-0.45	17.49	<=33.01	Pass
			39	18.02	-0.45	17.57	<=33.01	Pass
		75	0	18.00	-0.45	17.55	<=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	22.63	-0.45	22.18	<=33.01	Pass
			50	22.68	-0.45	22.23	<=33.01	Pass
			99	22.80	-0.45	22.35	<=33.01	Pass
		50	0	21.63	-0.45	21.18	<=33.01	Pass
			25	21.78	-0.45	21.33	<=33.01	Pass
			50	21.81	-0.45	21.36	<=33.01	Pass

		100	0	21.79	-0.45	21.34	<=33.01	Pass
	2535	1	0	23.08	-0.45	22.63	<=33.01	Pass
			50	23.00	-0.45	22.55	<=33.01	Pass
			99	22.87	-0.45	22.42	<=33.01	Pass
		50	0	21.96	-0.45	21.51	<=33.01	Pass
			25	21.93	-0.45	21.48	<=33.01	Pass
			50	21.84	-0.45	21.39	<=33.01	Pass
		100	0	21.91	-0.45	21.46	<=33.01	Pass
	2560	1	0	22.75	-0.45	22.30	<=33.01	Pass
			50	22.84	-0.45	22.39	<=33.01	Pass
			99	22.89	-0.45	22.44	<=33.01	Pass
		50	0	21.81	-0.45	21.36	<=33.01	Pass
			25	21.89	-0.45	21.44	<=33.01	Pass
			50	21.86	-0.45	21.41	<=33.01	Pass
		100	0	21.88	-0.45	21.43	<=33.01	Pass
16QAM	2510	1	0	21.69	-0.45	21.24	<=33.01	Pass
			50	21.72	-0.45	21.27	<=33.01	Pass
			99	21.94	-0.45	21.49	<=33.01	Pass
		50	0	20.62	-0.45	20.17	<=33.01	Pass
			25	20.75	-0.45	20.30	<=33.01	Pass
			50	20.79	-0.45	20.34	<=33.01	Pass
		100	0	20.76	-0.45	20.31	<=33.01	Pass
	2535	1	0	22.00	-0.45	21.55	<=33.01	Pass
			50	22.01	-0.45	21.56	<=33.01	Pass
			99	21.97	-0.45	21.52	<=33.01	Pass
		50	0	20.97	-0.45	20.52	<=33.01	Pass
			25	20.92	-0.45	20.47	<=33.01	Pass
			50	20.80	-0.45	20.35	<=33.01	Pass
		100	0	20.93	-0.45	20.48	<=33.01	Pass
	2560	1	0	21.92	-0.45	21.47	<=33.01	Pass
			50	22.28	-0.45	21.83	<=33.01	Pass
			99	22.14	-0.45	21.69	<=33.01	Pass
		50	0	20.82	-0.45	20.37	<=33.01	Pass
			25	20.90	-0.45	20.45	<=33.01	Pass
			50	20.85	-0.45	20.40	<=33.01	Pass
		100	0	20.86	-0.45	20.41	<=33.01	Pass
64QAM	2510	1	0	20.85	-0.45	20.40	<=33.01	Pass
			50	20.97	-0.45	20.52	<=33.01	Pass
			99	21.06	-0.45	20.61	<=33.01	Pass
		50	0	19.63	-0.45	19.18	<=33.01	Pass
			25	19.75	-0.45	19.30	<=33.01	Pass
			50	19.79	-0.45	19.34	<=33.01	Pass
		100	0	19.79	-0.45	19.34	<=33.01	Pass
	2535	1	0	21.14	-0.45	20.69	<=33.01	Pass
			50	21.19	-0.45	20.74	<=33.01	Pass
			99	20.91	-0.45	20.46	<=33.01	Pass
		50	0	19.94	-0.45	19.49	<=33.01	Pass
			25	19.95	-0.45	19.50	<=33.01	Pass
			50	19.89	-0.45	19.44	<=33.01	Pass
		100	0	19.91	-0.45	19.46	<=33.01	Pass
	2560	1	0	21.00	-0.45	20.55	<=33.01	Pass
			50	21.20	-0.45	20.75	<=33.01	Pass
			99	21.11	-0.45	20.66	<=33.01	Pass
		50	0	19.83	-0.45	19.38	<=33.01	Pass
			25	19.91	-0.45	19.46	<=33.01	Pass
			50	19.89	-0.45	19.44	<=33.01	Pass
		100	0	19.88	-0.45	19.43	<=33.01	Pass
256QAM	2510	1	0	17.80	-0.45	17.35	<=33.01	Pass
			50	17.80	-0.45	17.35	<=33.01	Pass

			99	18.14	-0.45	17.69	<=33.01	Pass
		50	0	17.69	-0.45	17.24	<=33.01	Pass
			25	17.83	-0.45	17.38	<=33.01	Pass
			50	17.89	-0.45	17.44	<=33.01	Pass
		100	0	17.84	-0.45	17.39	<=33.01	Pass
	2535	1	0	18.02	-0.45	17.57	<=33.01	Pass
			50	17.96	-0.45	17.51	<=33.01	Pass
			99	17.96	-0.45	17.51	<=33.01	Pass
		50	0	18.03	-0.45	17.58	<=33.01	Pass
			25	17.95	-0.45	17.50	<=33.01	Pass
			50	17.92	-0.45	17.47	<=33.01	Pass
		100	0	18.00	-0.45	17.55	<=33.01	Pass
	2560	1	0	17.91	-0.45	17.46	<=33.01	Pass
			50	17.94	-0.45	17.49	<=33.01	Pass
			99	18.16	-0.45	17.71	<=33.01	Pass
		50	0	17.87	-0.45	17.42	<=33.01	Pass
			25	17.92	-0.45	17.47	<=33.01	Pass
			50	17.98	-0.45	17.53	<=33.01	Pass
		100	0	17.95	-0.45	17.50	<=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	-0.287	-0.0001	-2.5 to 2.5	Pass
					NV	0.142	0.0001	-2.5 to 2.5	Pass
					HV	-0.678	-0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.522	-0.0002	-2.5 to 2.5	Pass
				-20	NV	0.503	0.0002	-2.5 to 2.5	Pass
				-10	NV	-0.232	-0.0001	-2.5 to 2.5	Pass
				0	NV	0.195	0.0001	-2.5 to 2.5	Pass
				10	NV	0.043	0.0000	-2.5 to 2.5	Pass
				30	NV	1.136	0.0004	-2.5 to 2.5	Pass
				40	NV	-0.227	-0.0001	-2.5 to 2.5	Pass
				50	NV	-0.135	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

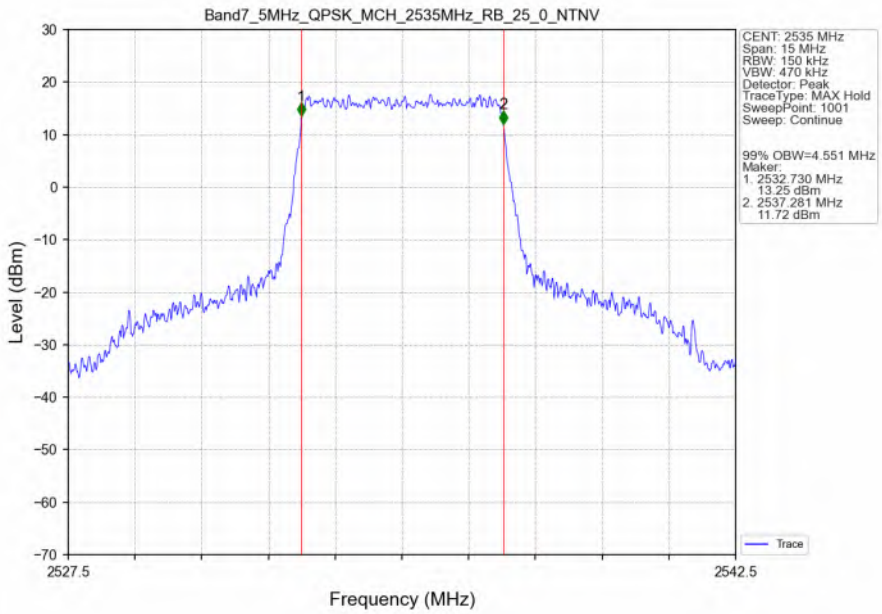
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.551	/	Pass
	16QAM	2535	25	0	4.573	/	Pass
	64QAM	2535	25	0	4.567	/	Pass
	256QAM	2535	25	0	4.563	/	Pass
10	QPSK	2535	50	0	9.087	/	Pass
	16QAM	2535	50	0	9.089	/	Pass
	64QAM	2535	50	0	9.078	/	Pass
	256QAM	2535	50	0	9.048	/	Pass
15	QPSK	2535	75	0	13.629	/	Pass
	16QAM	2535	75	0	13.648	/	Pass
	64QAM	2535	75	0	13.618	/	Pass
	256QAM	2535	75	0	13.603	/	Pass
20	QPSK	2535	100	0	18.141	/	Pass
	16QAM	2535	100	0	18.179	/	Pass
	64QAM	2535	100	0	18.214	/	Pass
	256QAM	2535	100	0	18.173	/	Pass

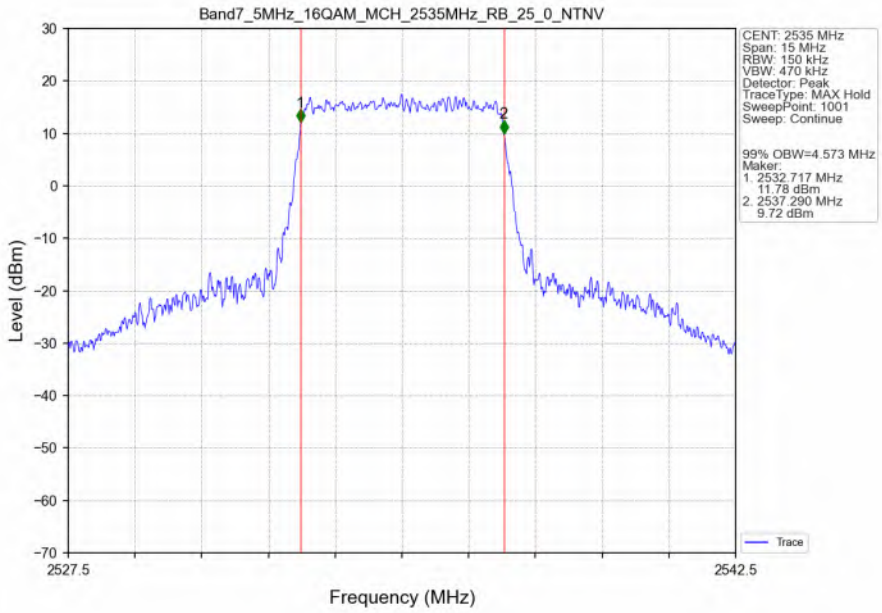
3.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.259	/	Pass
	16QAM	2535	25	0	5.215	/	Pass
	64QAM	2535	25	0	5.223	/	Pass
	256QAM	2535	25	0	5.208	/	Pass
10	QPSK	2535	50	0	10.370	/	Pass
	16QAM	2535	50	0	10.205	/	Pass
	64QAM	2535	50	0	10.079	/	Pass
	256QAM	2535	50	0	10.218	/	Pass
15	QPSK	2535	75	0	15.153	/	Pass
	16QAM	2535	75	0	15.158	/	Pass
	64QAM	2535	75	0	15.269	/	Pass
	256QAM	2535	75	0	15.089	/	Pass
20	QPSK	2535	100	0	20.267	/	Pass
	16QAM	2535	100	0	20.131	/	Pass
	64QAM	2535	100	0	20.317	/	Pass
	256QAM	2535	100	0	20.060	/	Pass

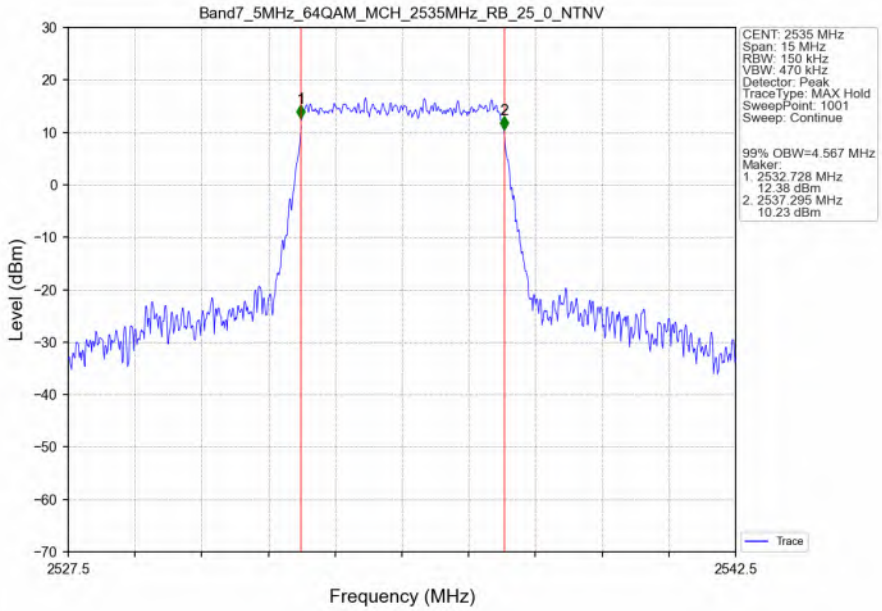
3.2 Test Graph

3.2.1 Band7_OBW

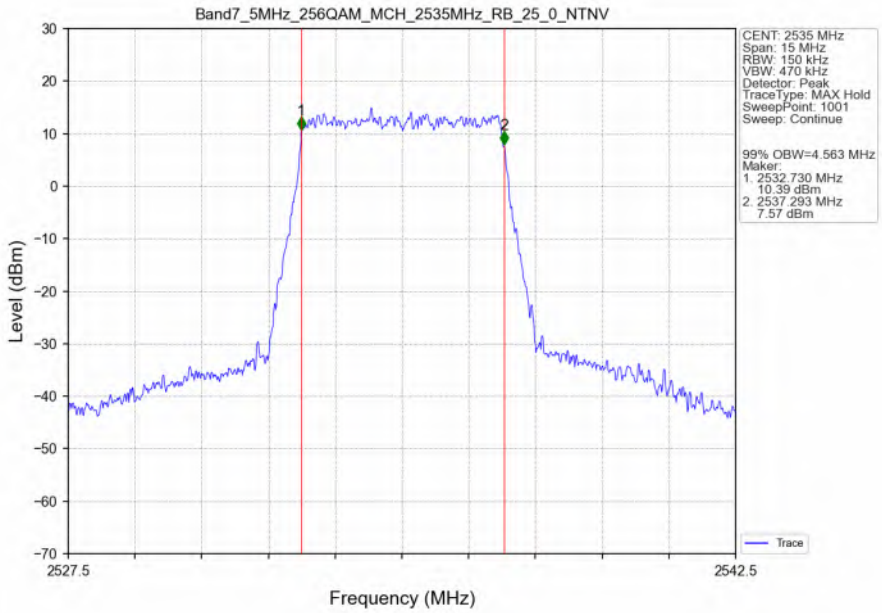
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV


Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV


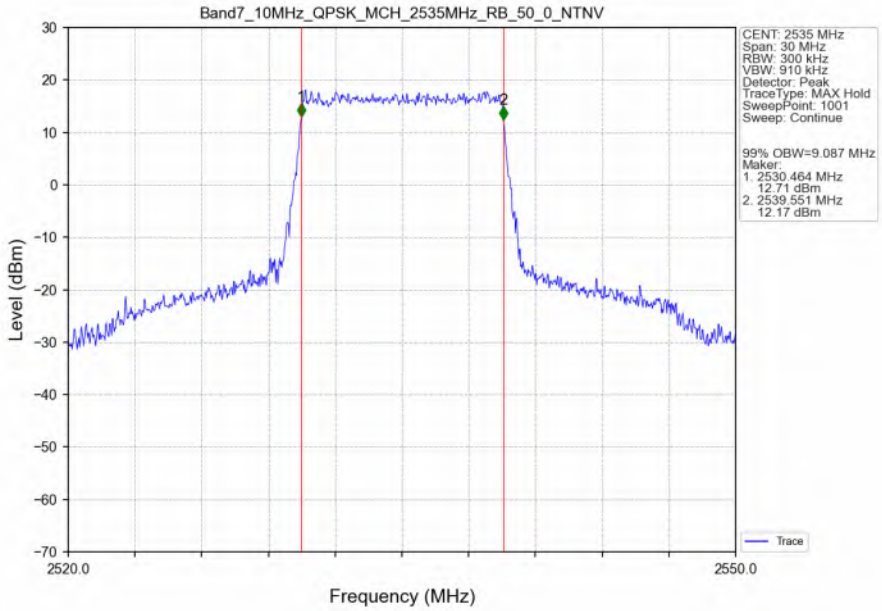
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



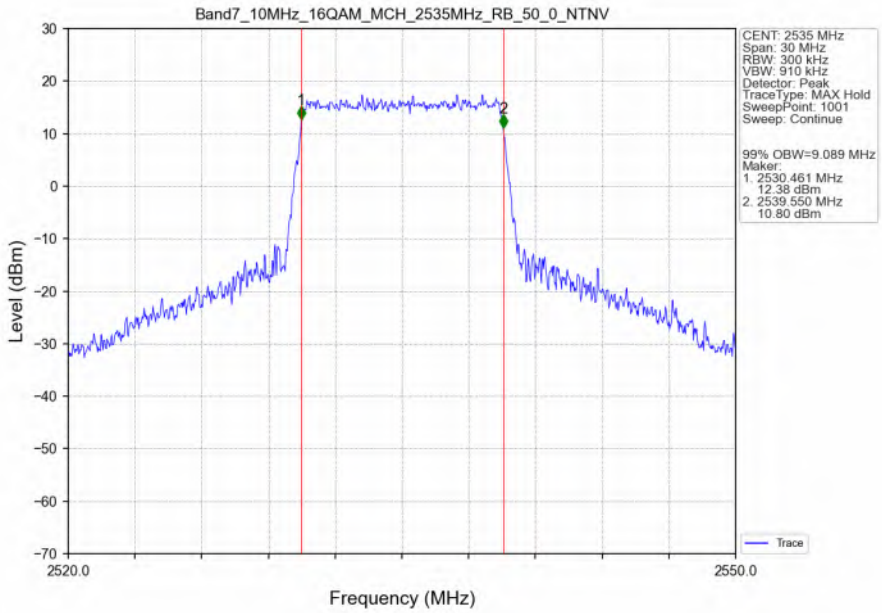
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



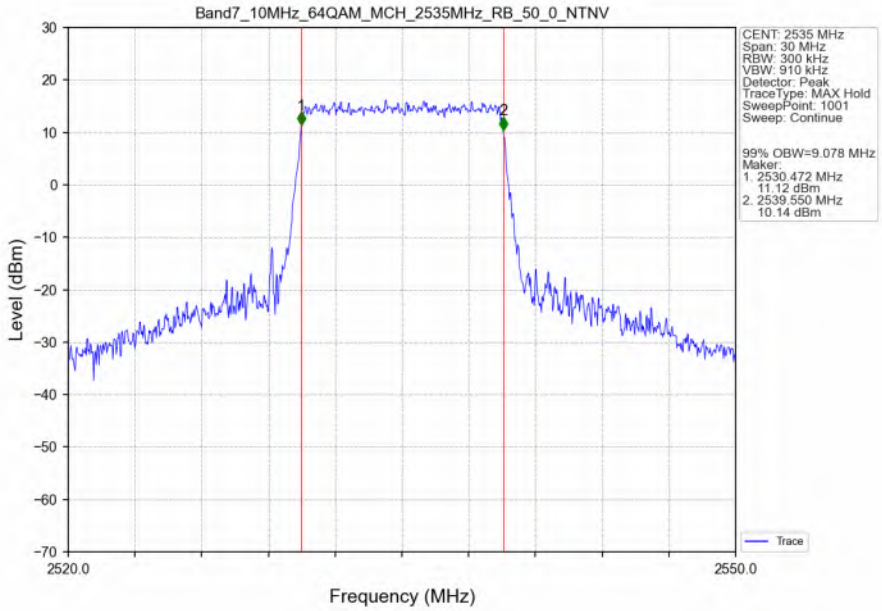
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



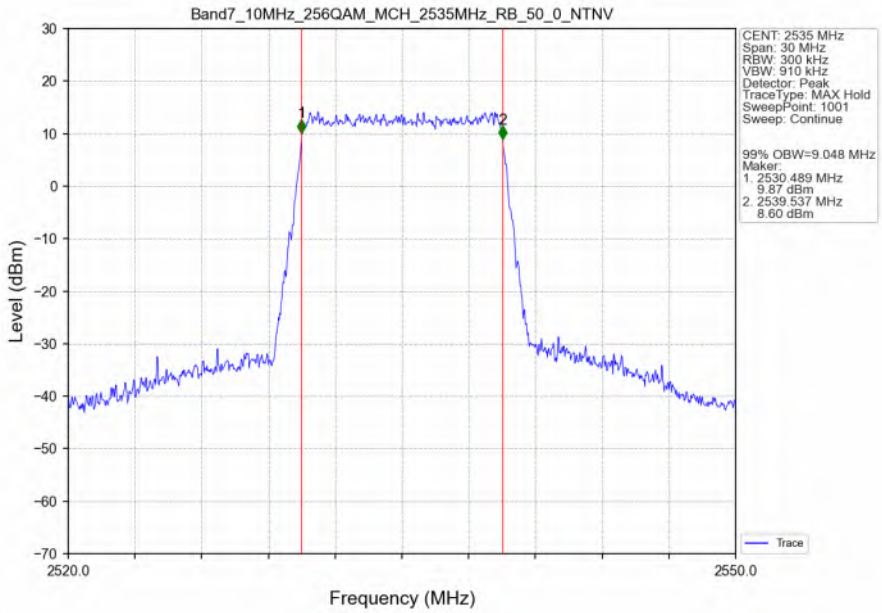
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



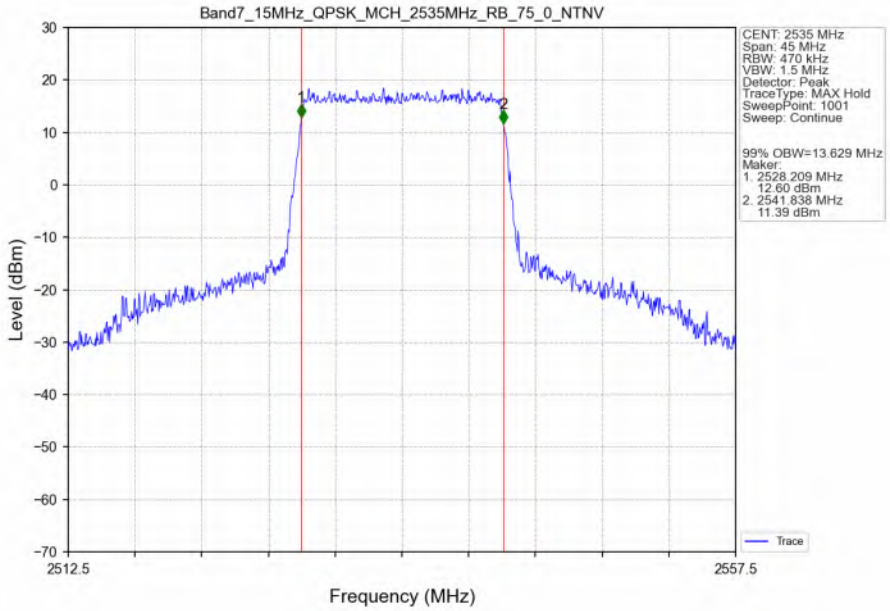
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



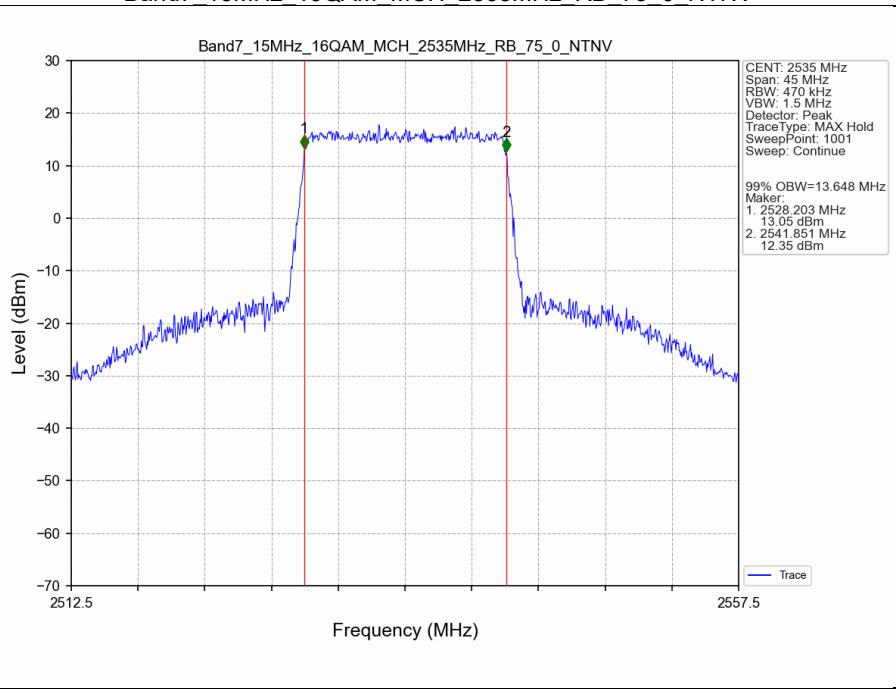
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



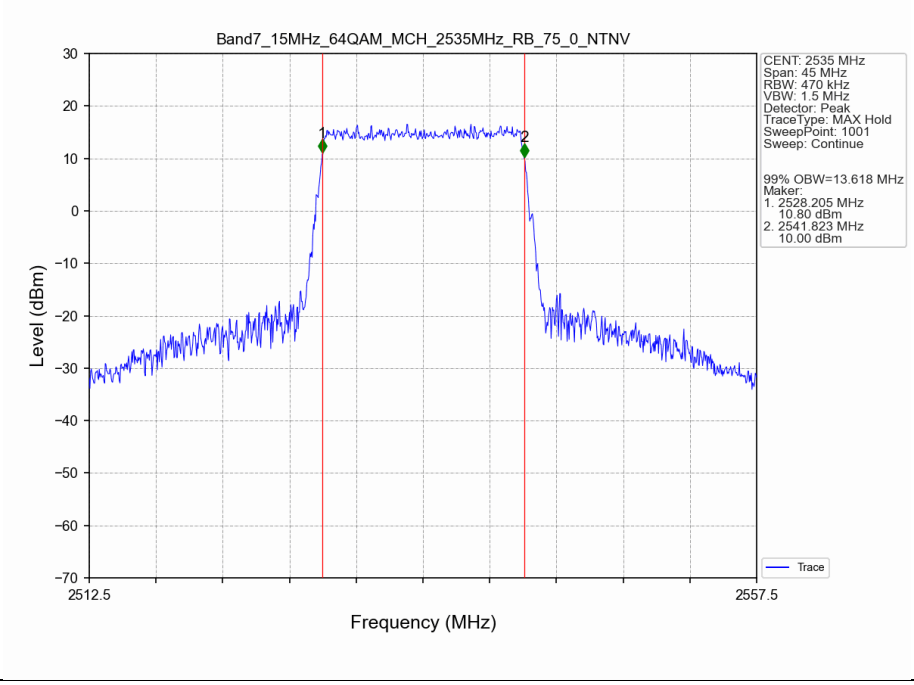
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



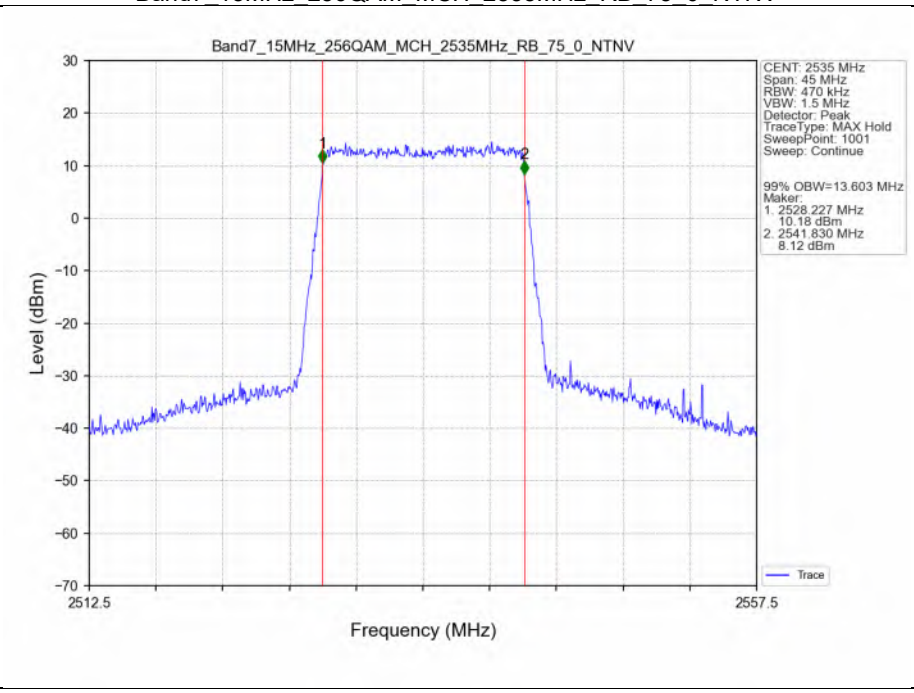
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



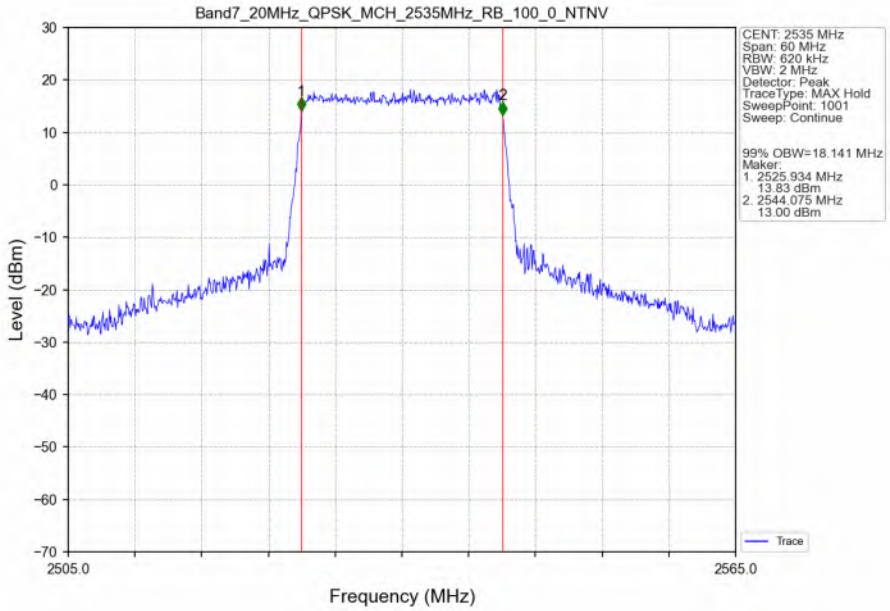
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



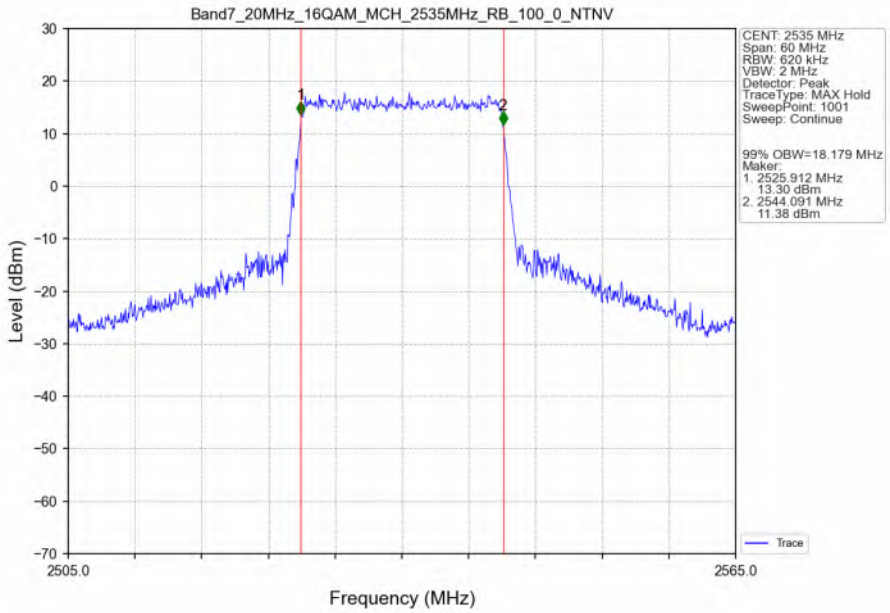
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



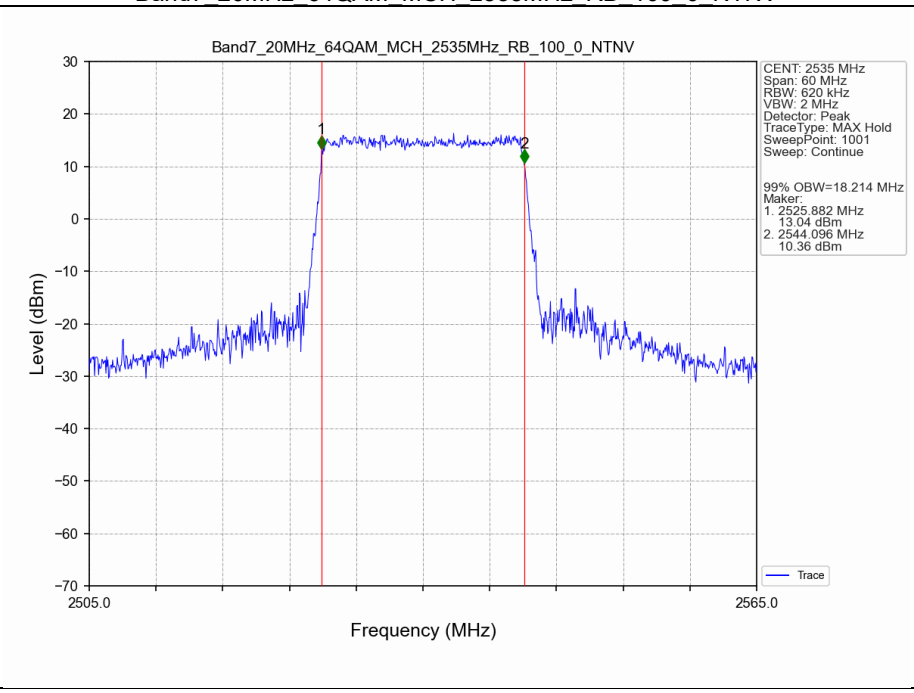
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



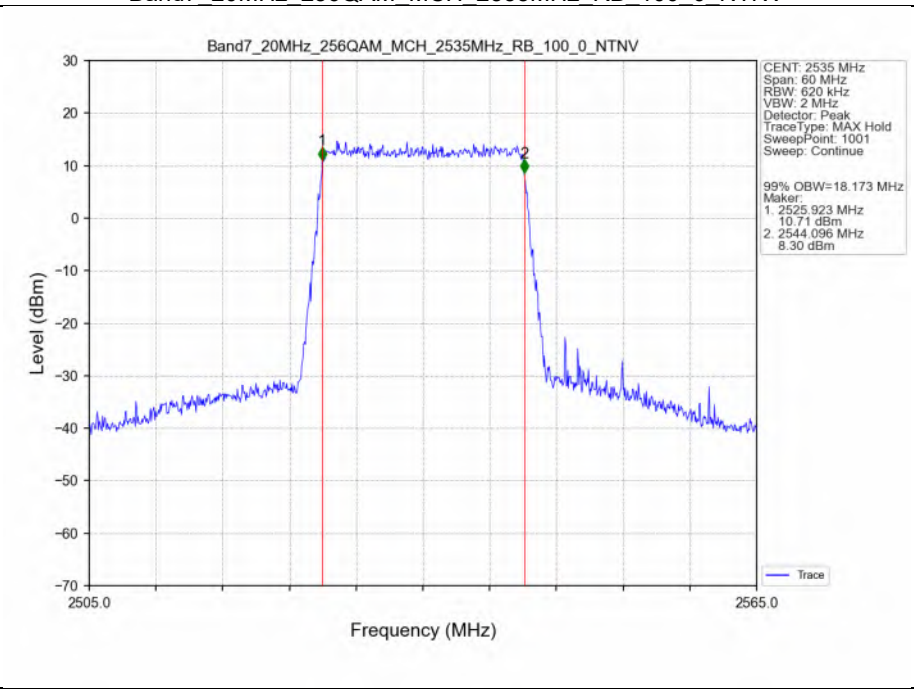
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



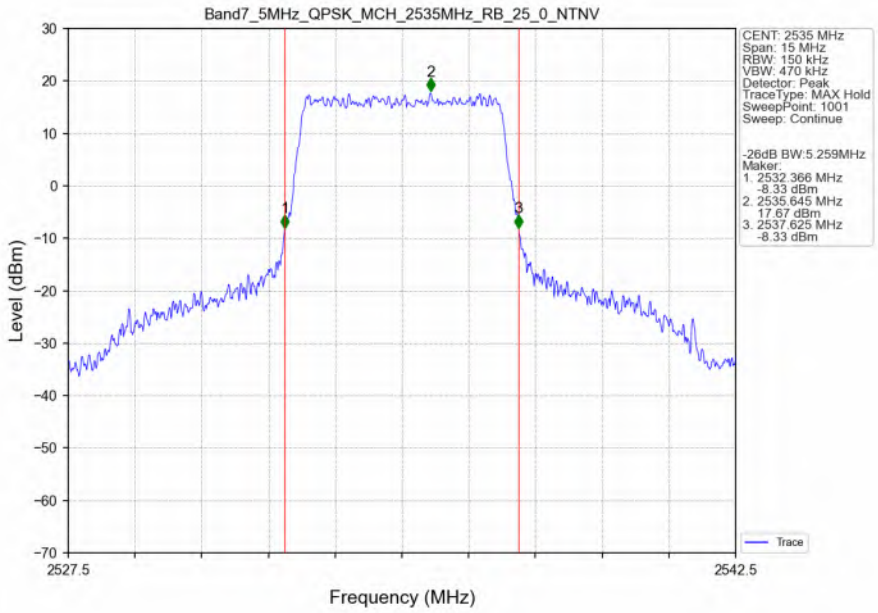
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV

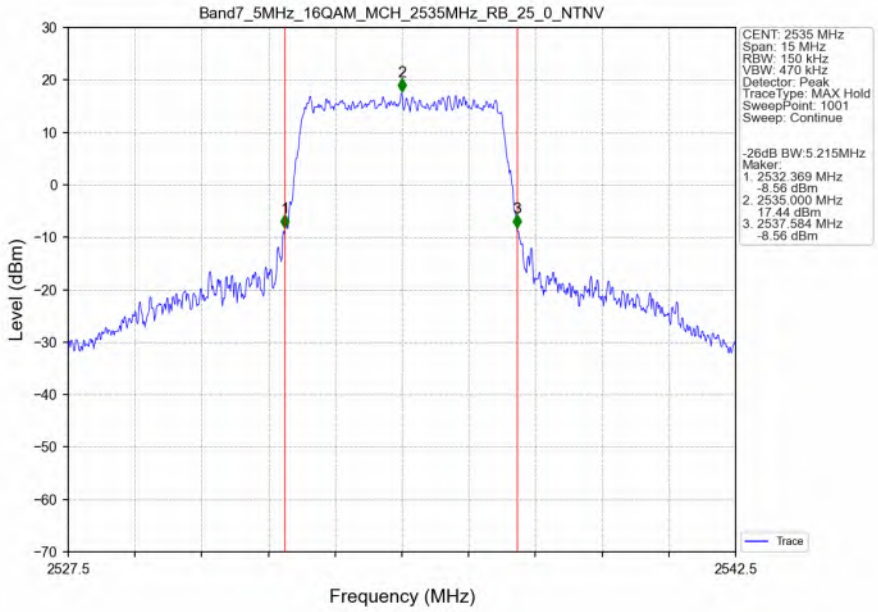


Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV

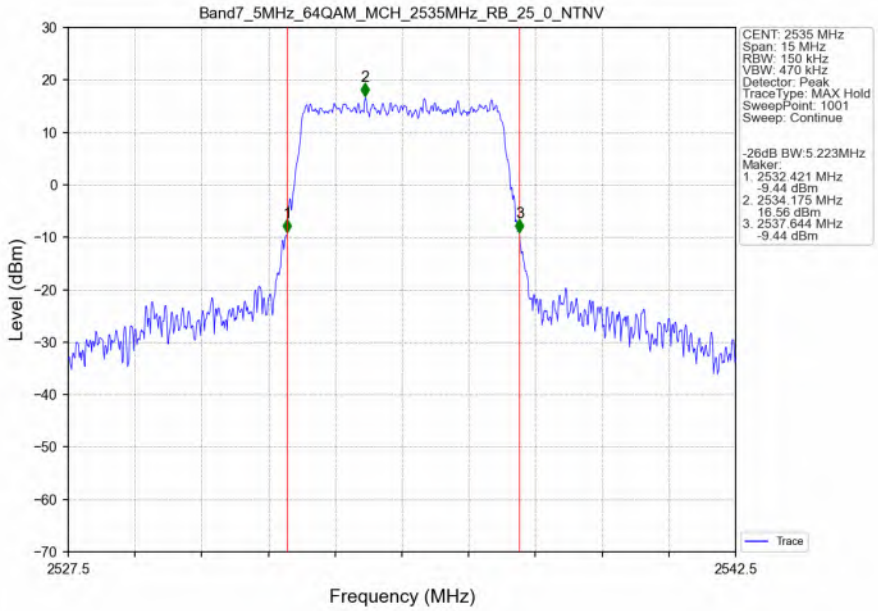


3.2.2 Band7_XDB

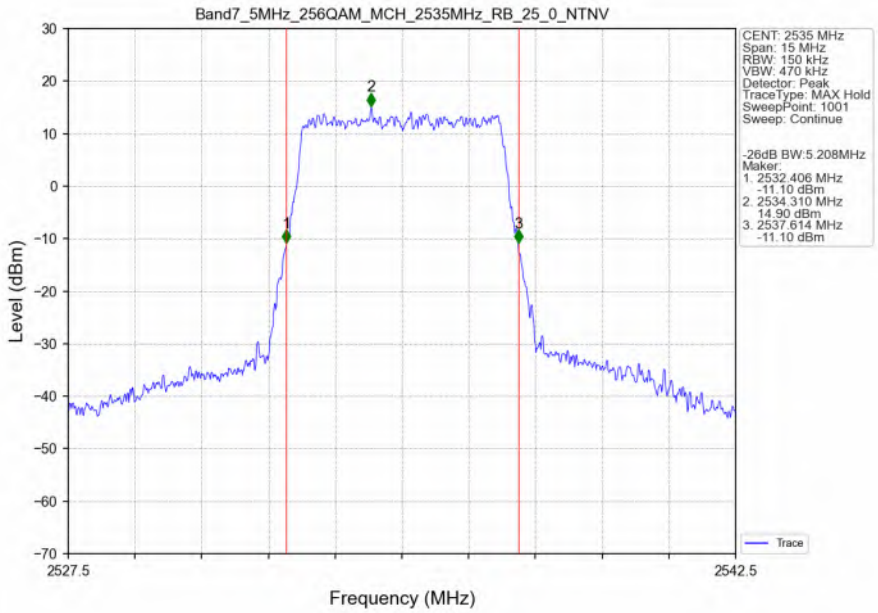
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV


Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV


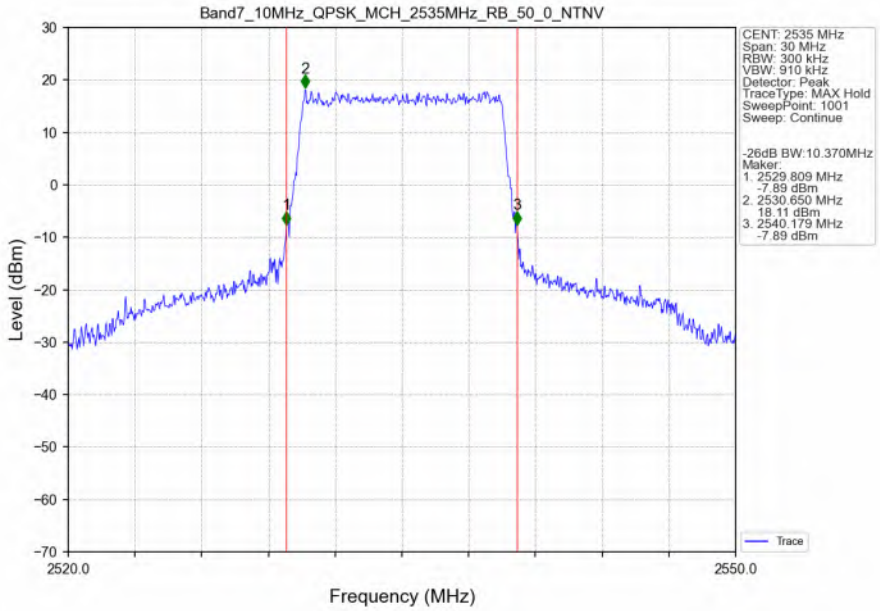
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



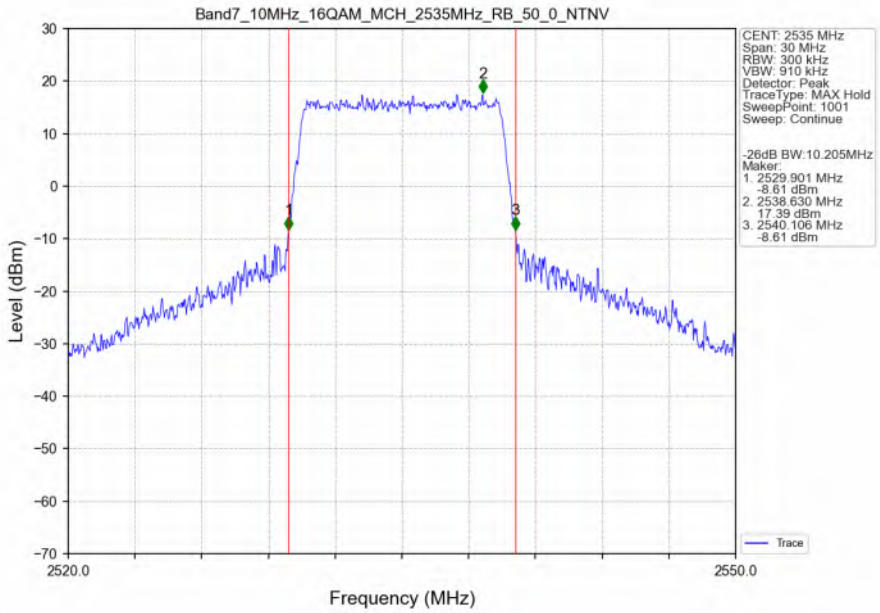
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



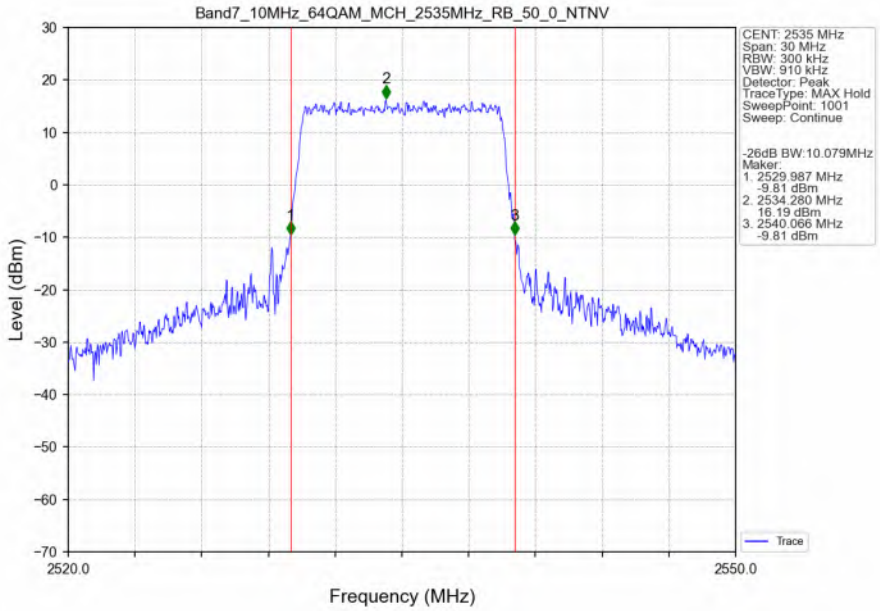
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



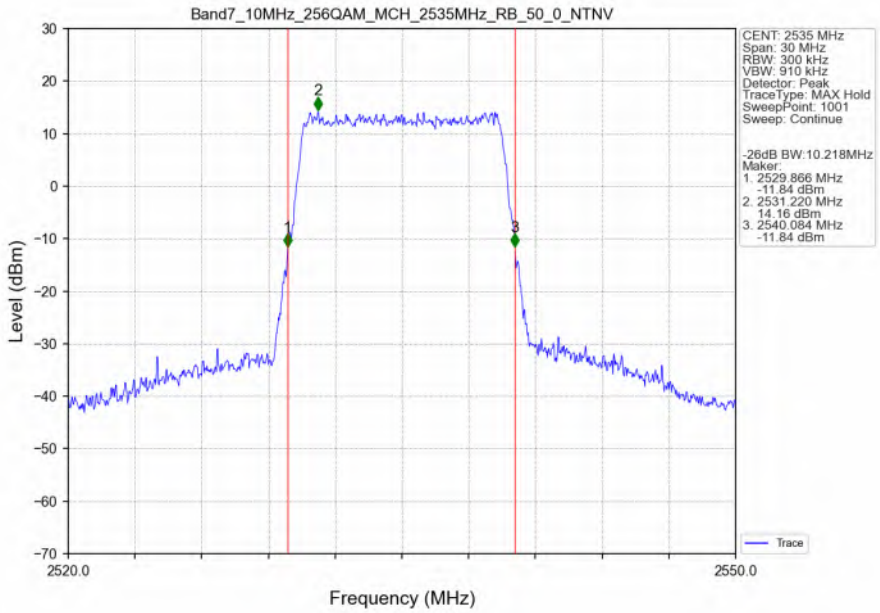
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



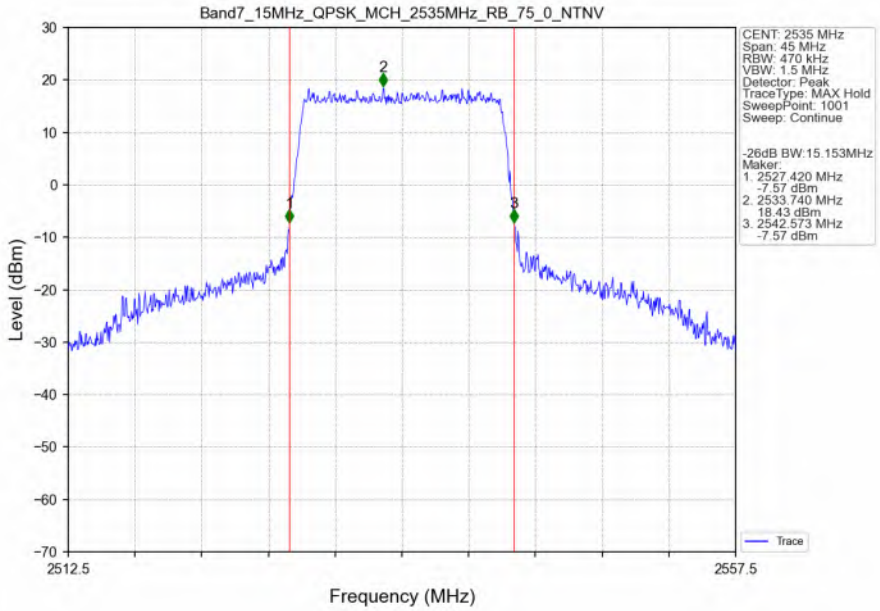
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



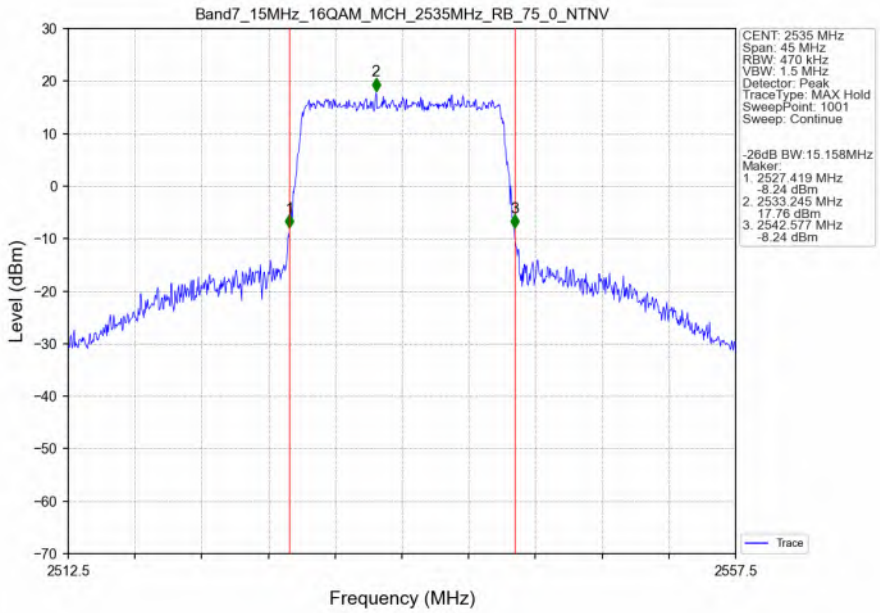
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



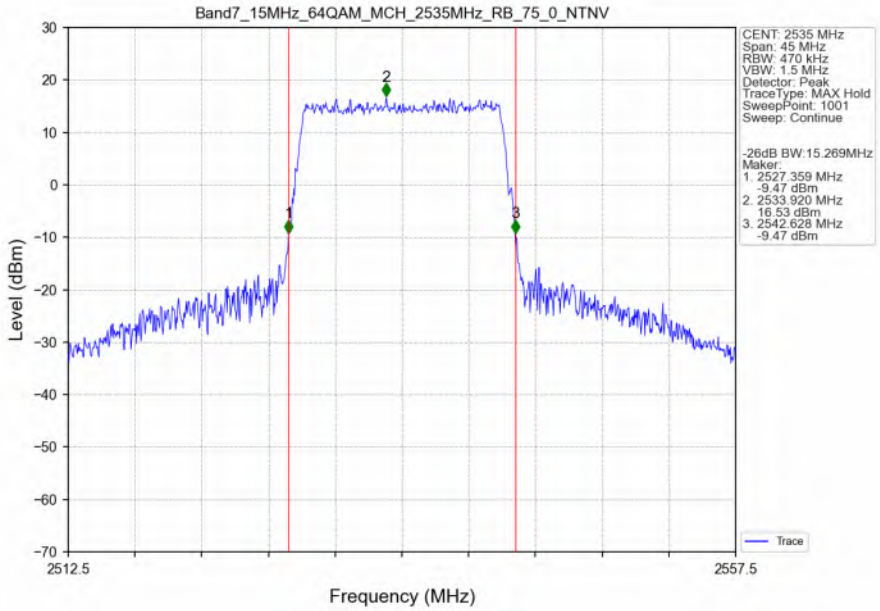
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



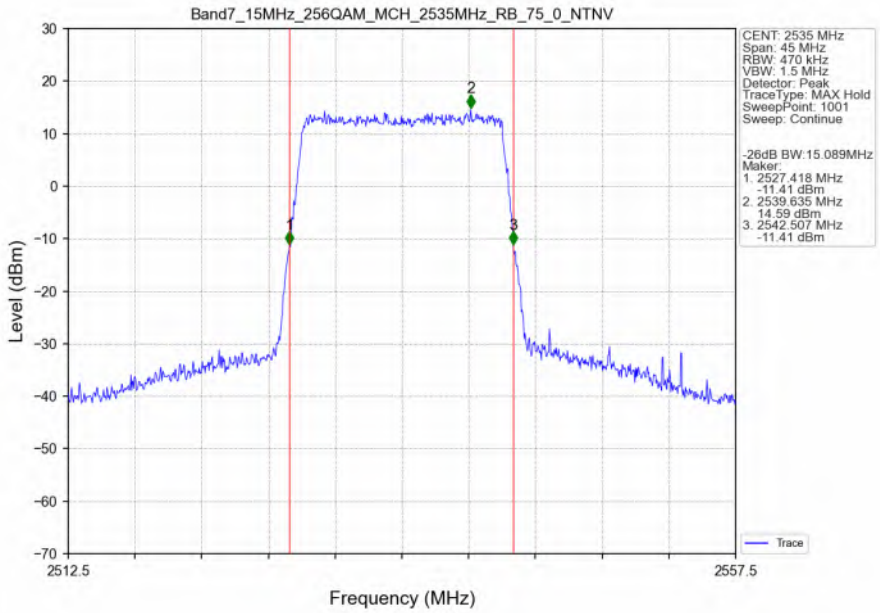
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



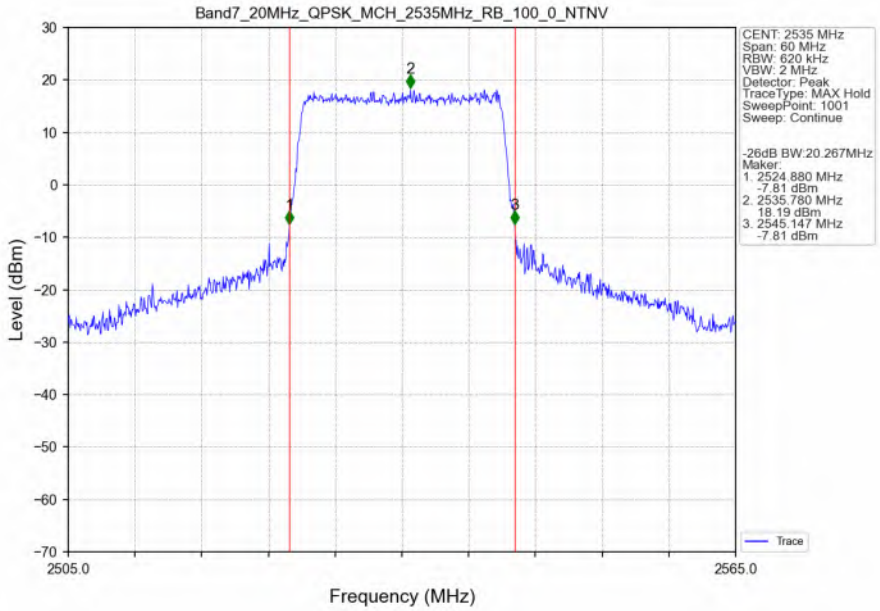
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



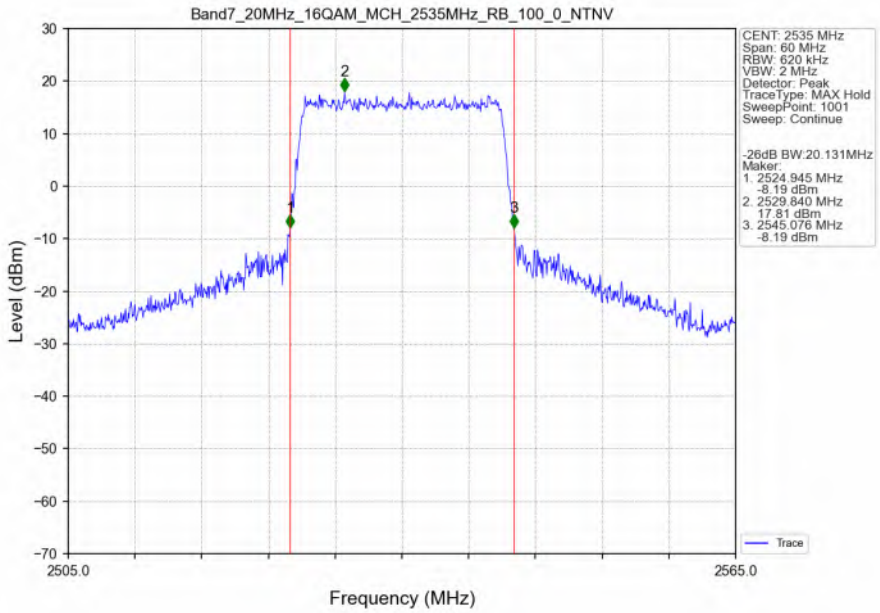
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



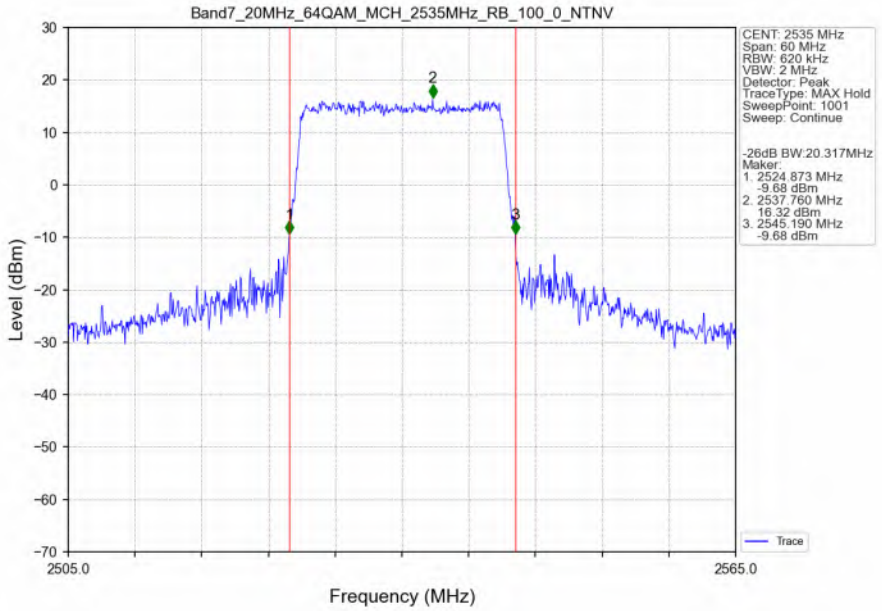
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



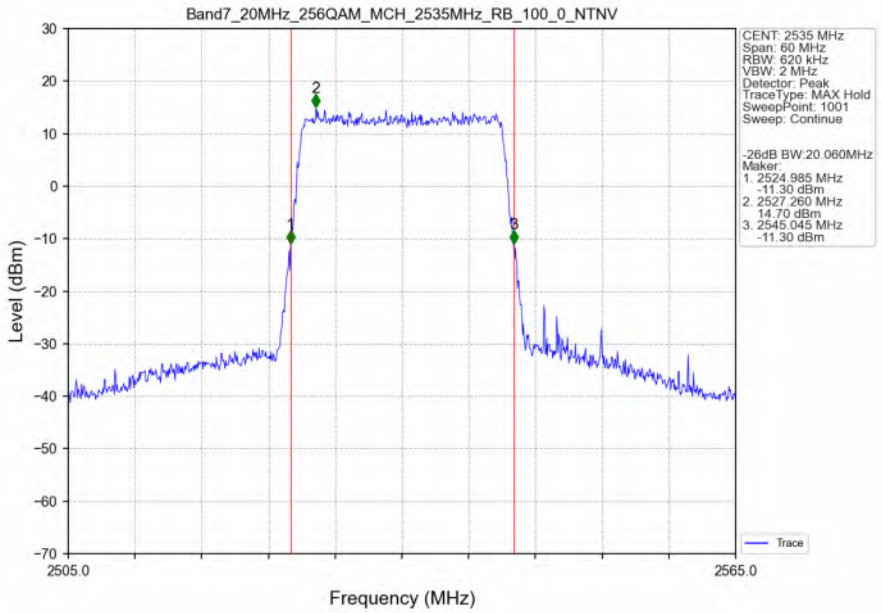
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



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

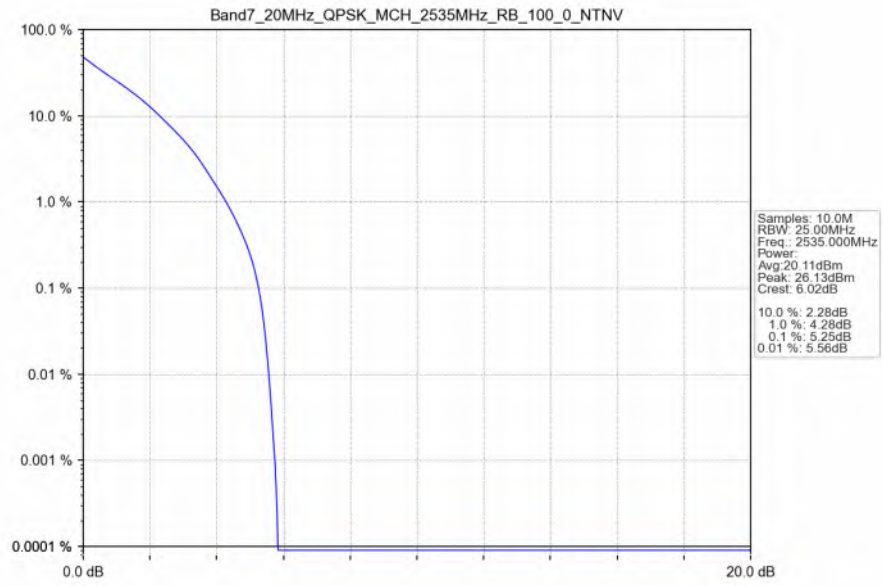
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.25	<=13	Pass
16QAM	2535	100	0	6.06	<=13	Pass
64QAM	2535	100	0	6.42	<=13	Pass
256QAM	2535	100	0	6.64	<=13	Pass

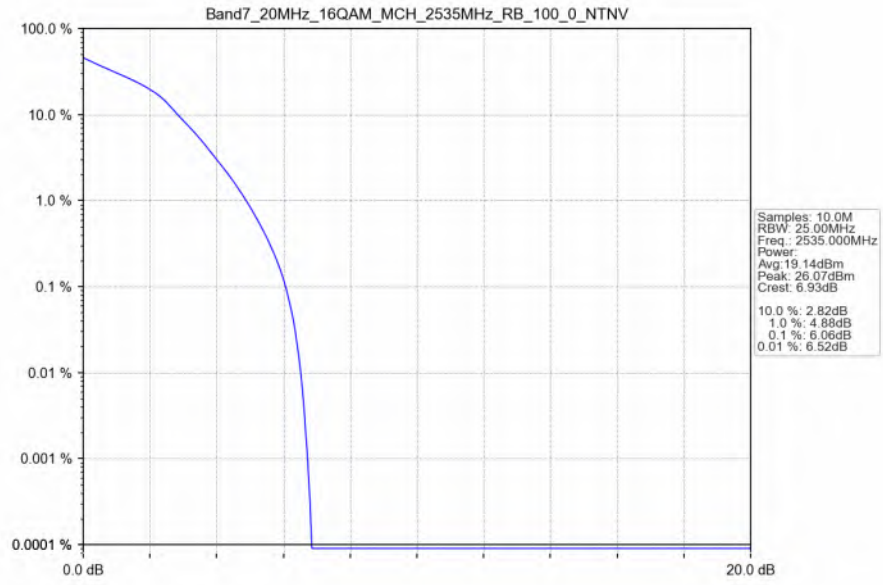
4.2 Test Graph

4.2.1 B7_20MHz

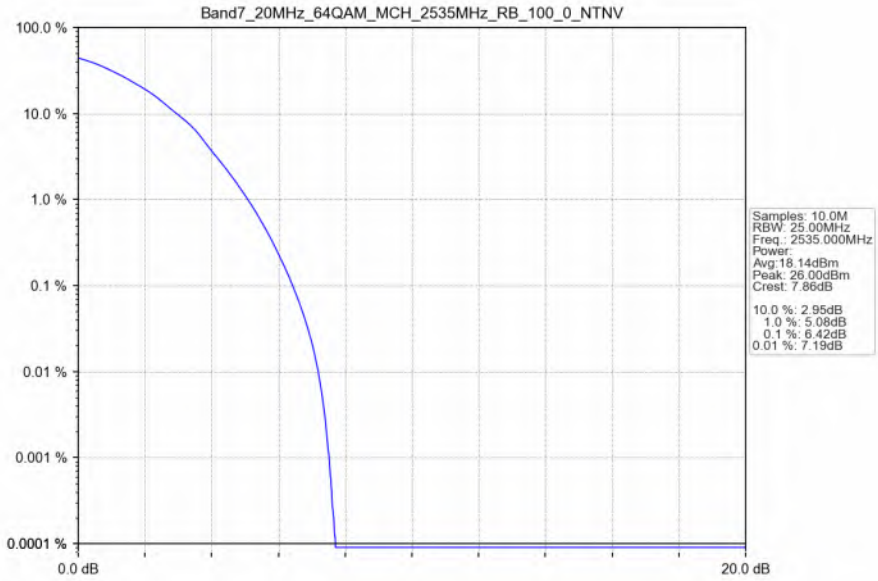
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



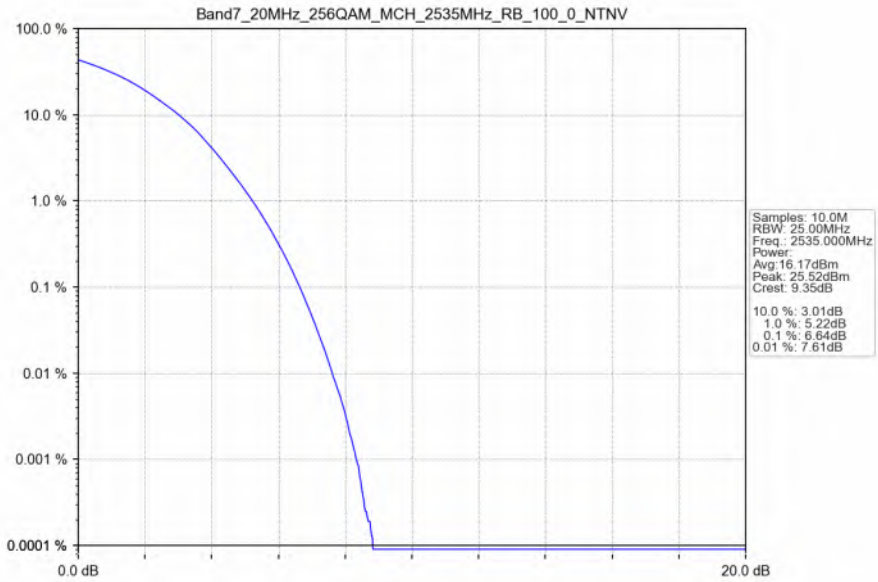
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



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

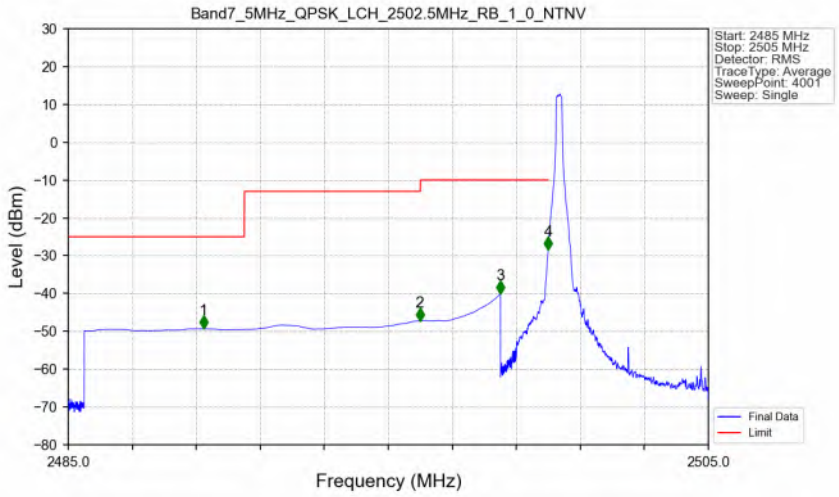
5.1.4 B7_20MHz

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

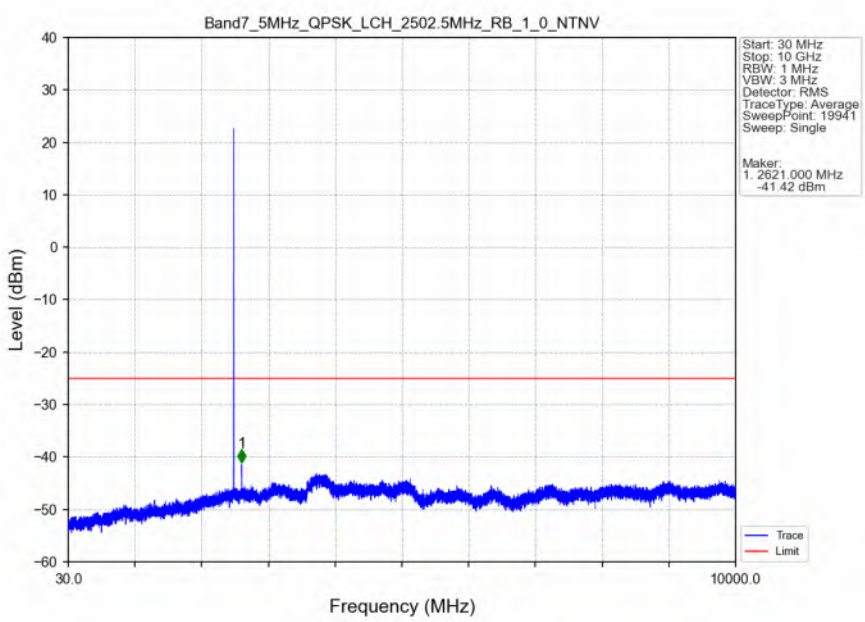
5.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

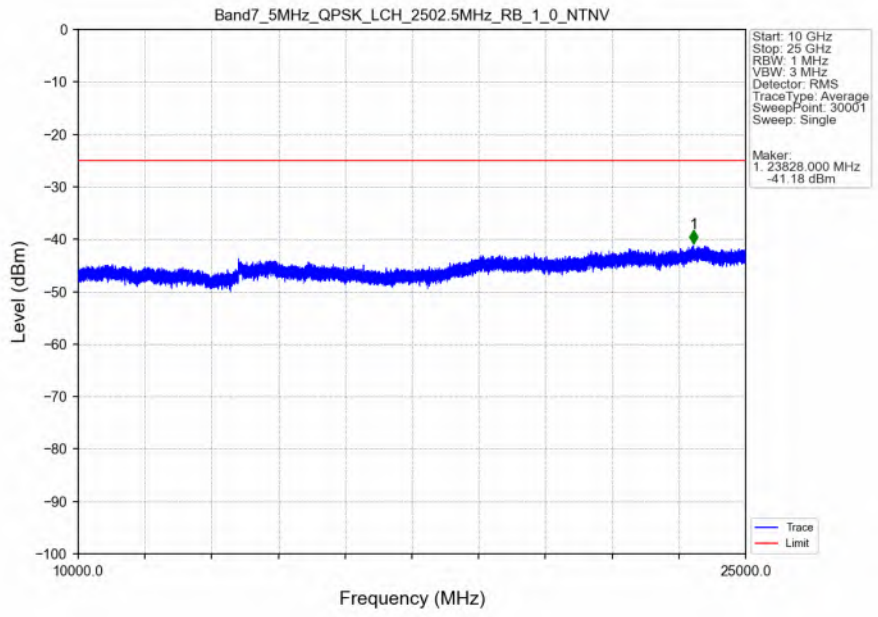


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.230	-49.32	-25	Pass
2490.5	2496	1	CHP	2	2495.985	-47.25	-13	Pass
2496	2499	1	CHP	3	2498.500	-40.03	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-28.38	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

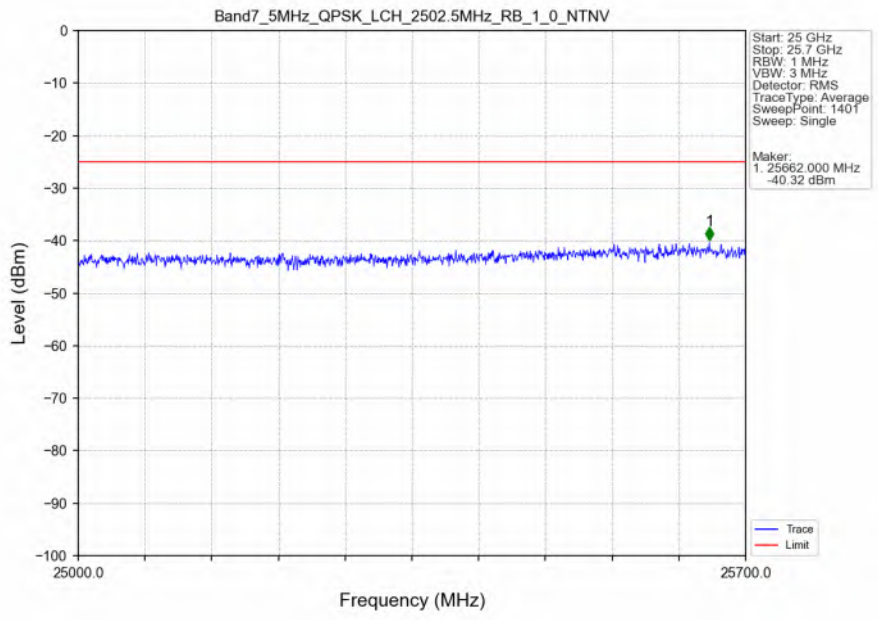
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



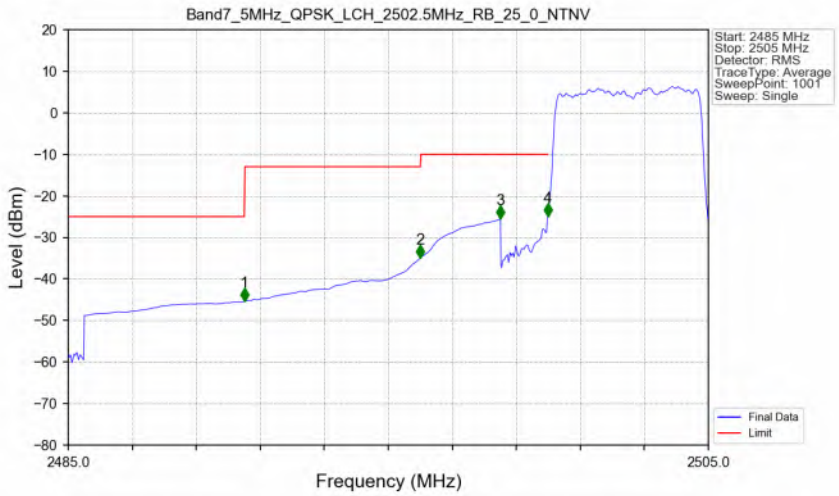
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

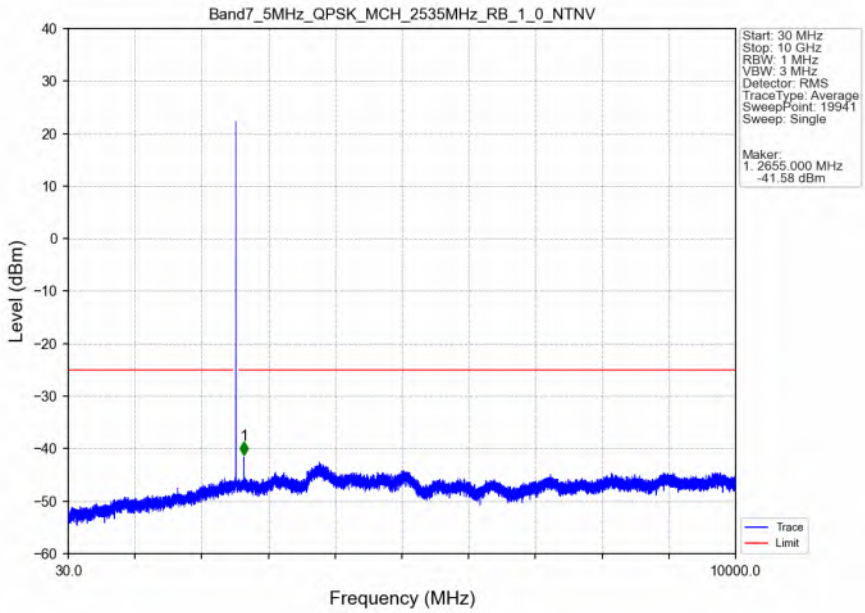


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

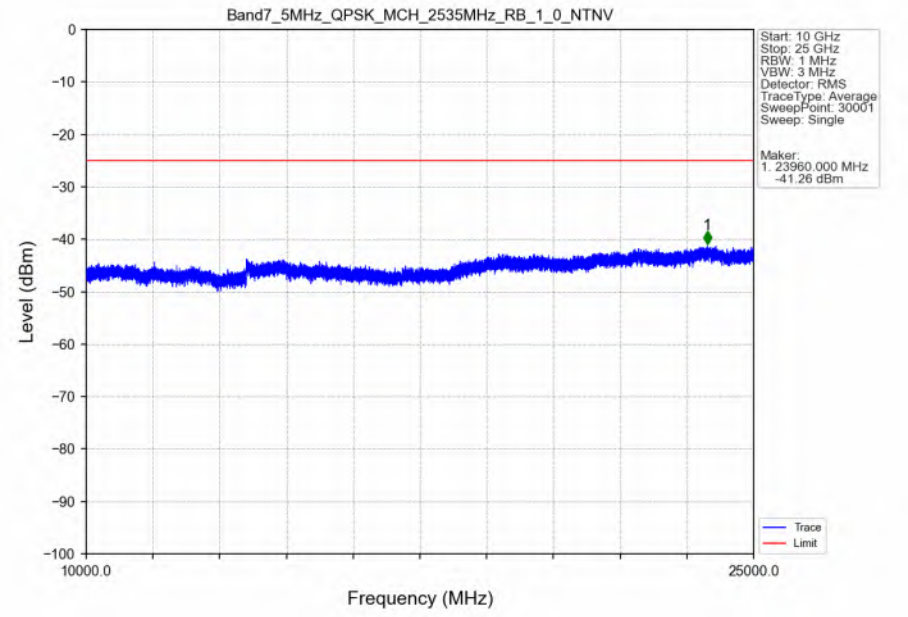


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-45.40	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-35.02	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.50	-10	Pass
2499	2500	0.105	CHP	4	2499.980	-24.85	-10	Pass
2500	2505	0.105	CHP	/	/	/	/	/

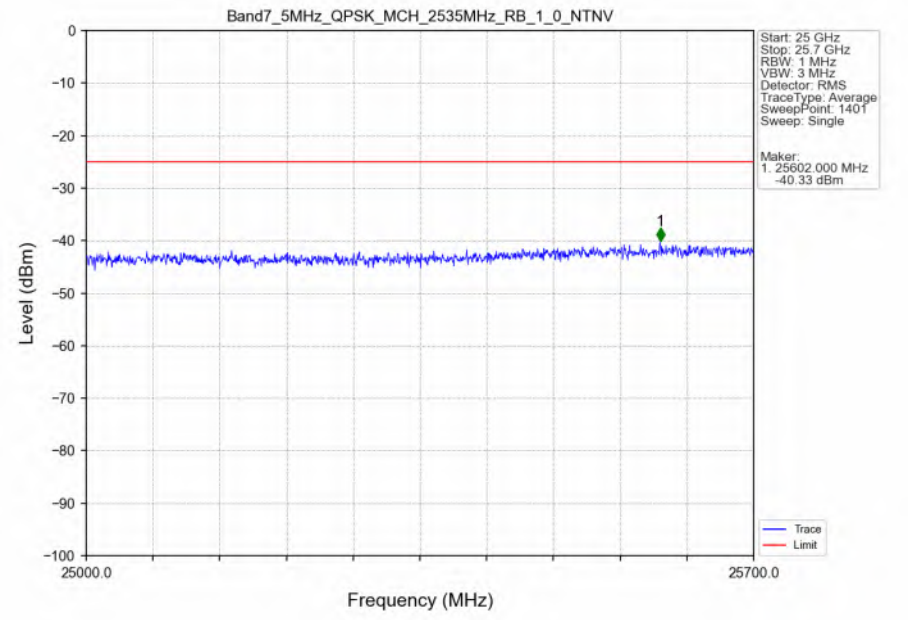
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



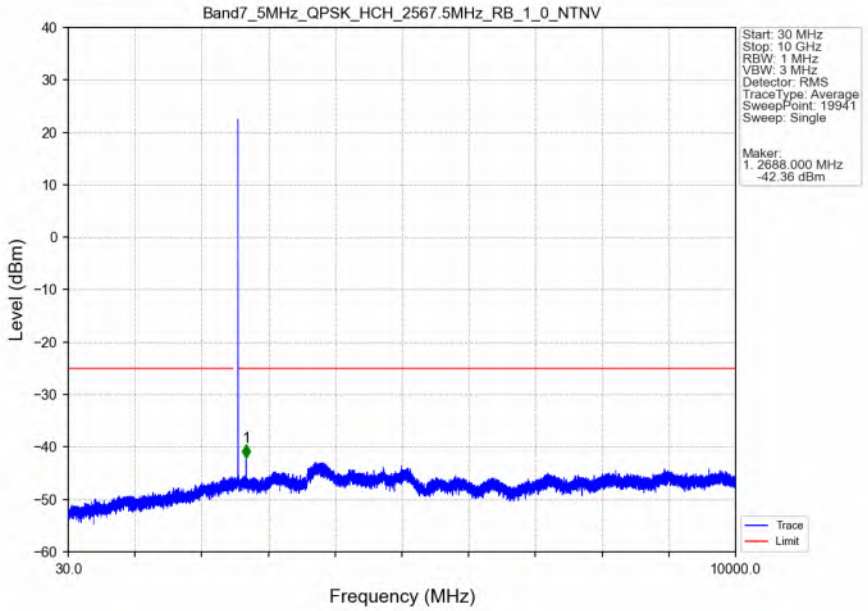
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



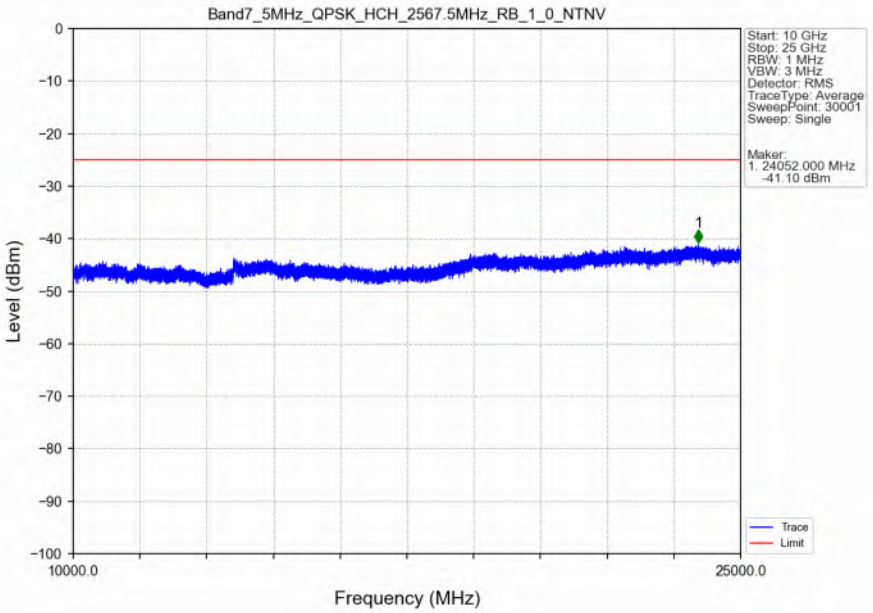
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



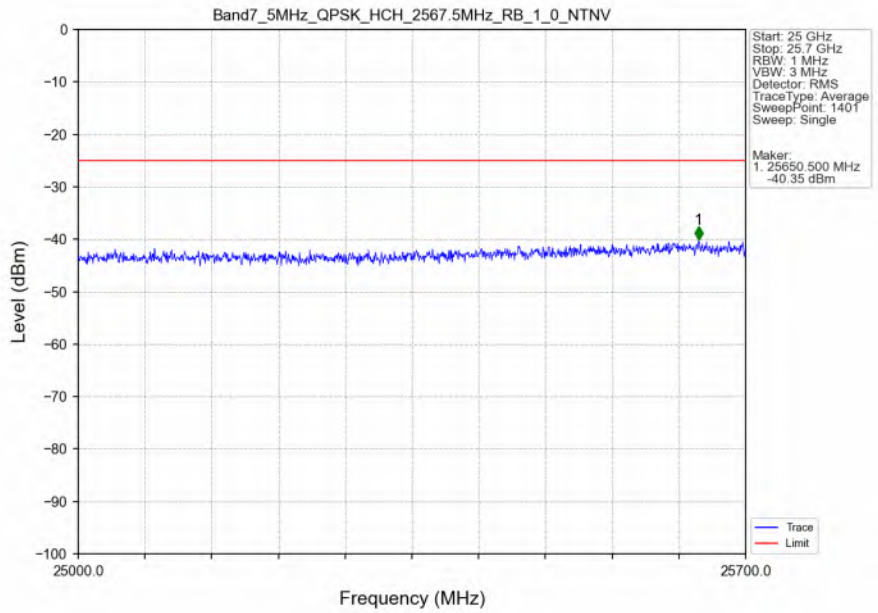
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



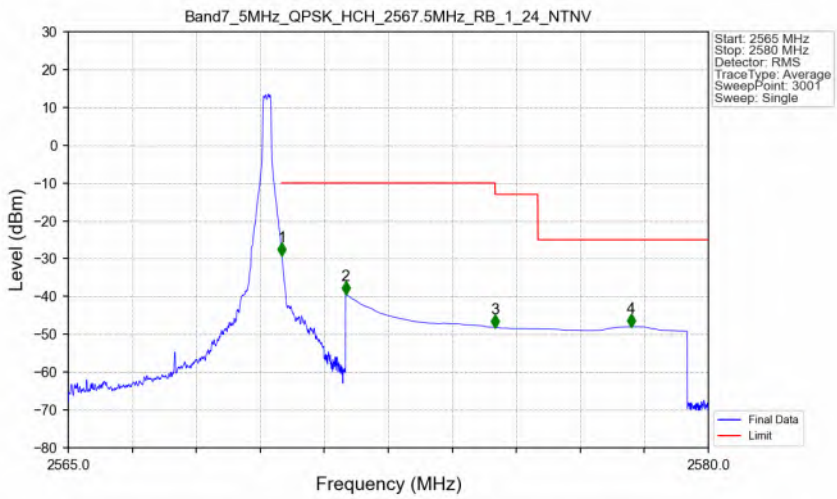
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

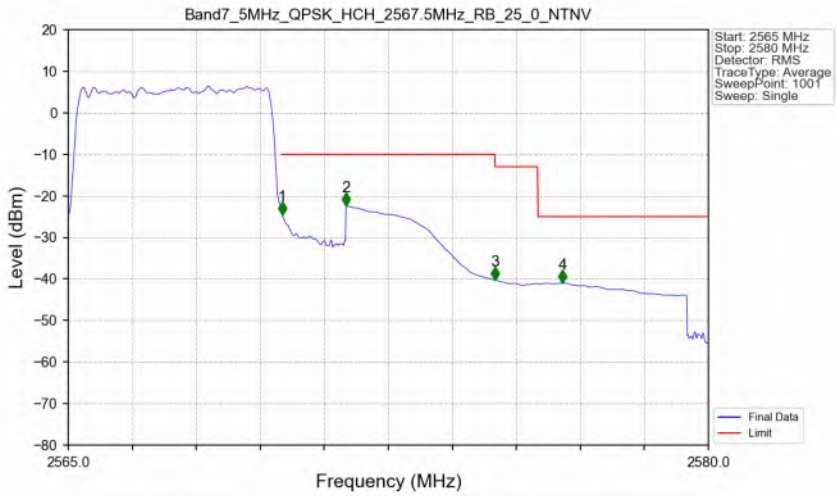


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



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	-29.31	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.39	-10	Pass
2575	2576	1	CHP	3	2575.005	-48.19	-13	Pass
2576	2580	1	CHP	4	2578.185	-48.00	-25	Pass

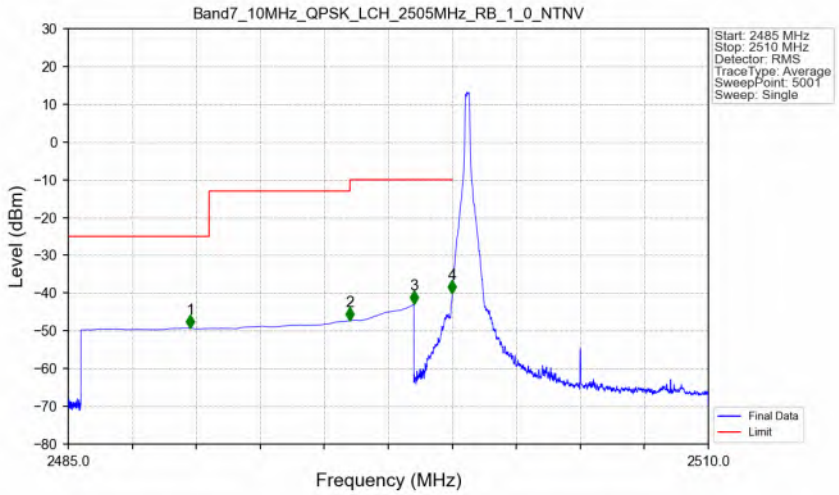
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.104	CHP	/	/	/	/	/
2570	2571	0.104	CHP	1	2570.010	-24.54	-10	Pass
2571	2575	1	CHP	2	2571.510	-22.47	-10	Pass
2575	2576	1	CHP	3	2575.005	-40.30	-13	Pass
2576	2580	1	CHP	4	2576.580	-40.99	-25	Pass

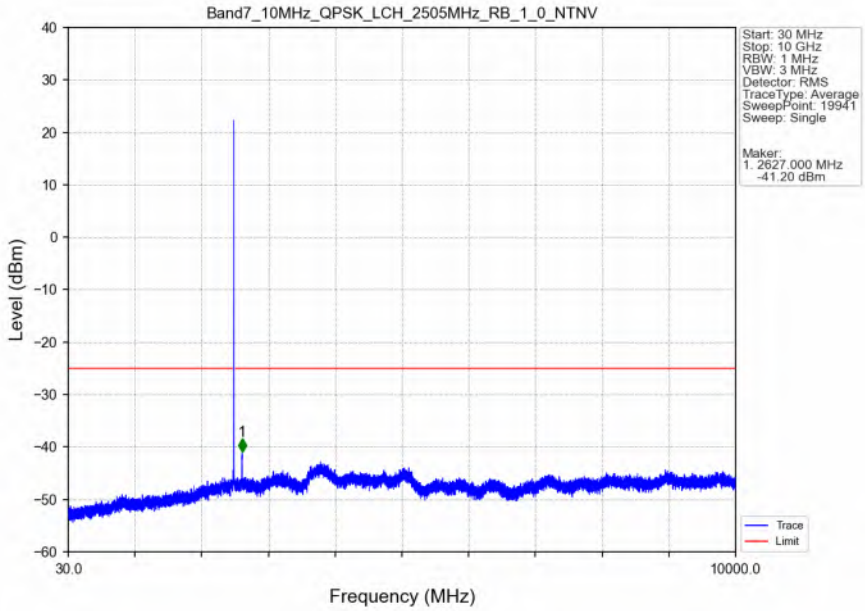
5.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

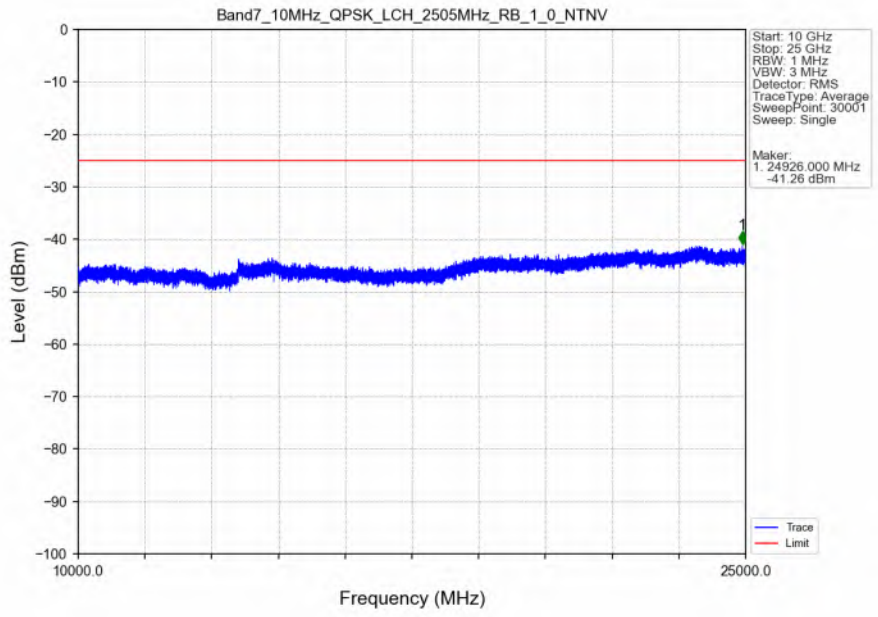


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.770	-49.28	-25	Pass
2490.5	2496	1	CHP	2	2495.985	-47.33	-13	Pass
2496	2499	1	CHP	3	2498.500	-42.87	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-40.03	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

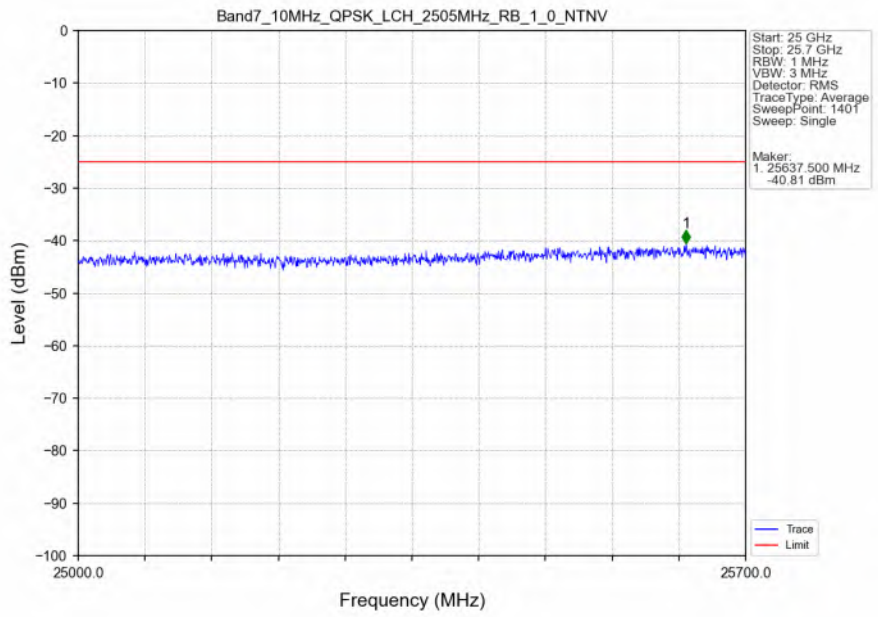
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



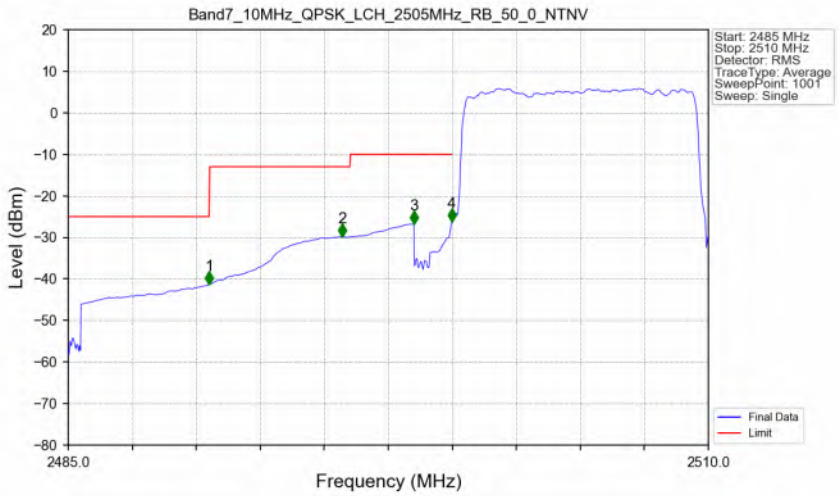
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

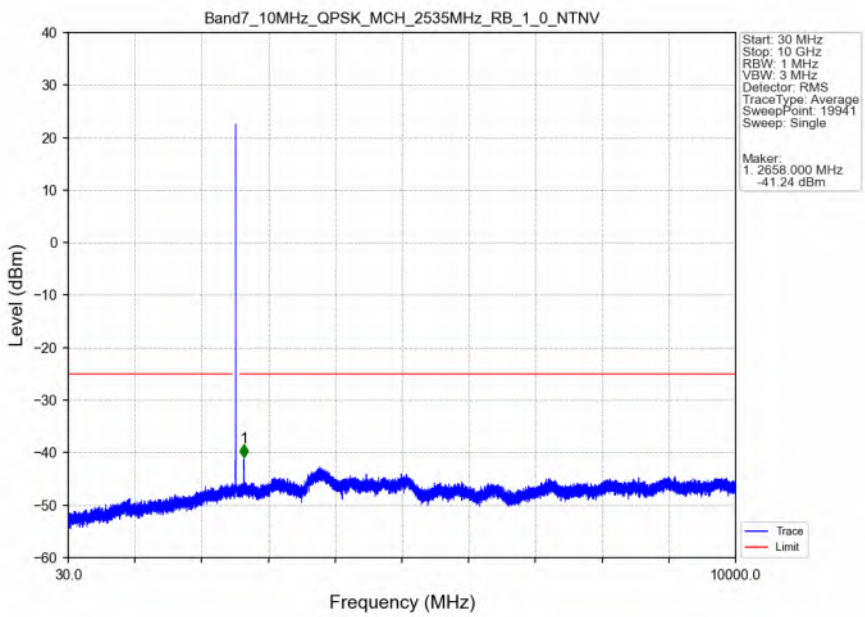


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

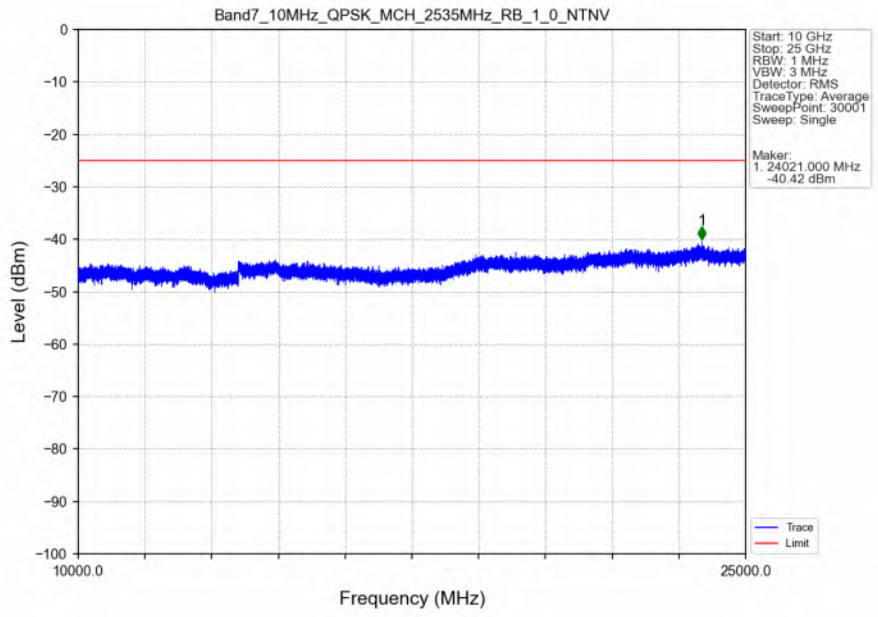


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-41.40	-25	Pass
2490.5	2496	1	CHP	2	2495.700	-29.82	-13	Pass
2496	2499	1	CHP	3	2498.500	-26.71	-10	Pass
2499	2500	0.204	CHP	4	2499.975	-26.15	-10	Pass
2500	2510	0.204	CHP	/	/	/	/	/

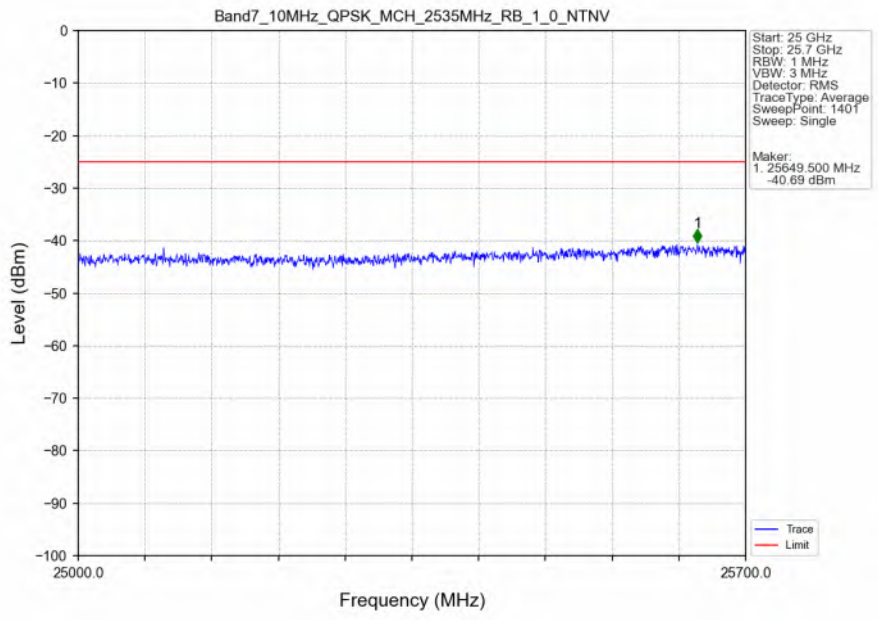
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



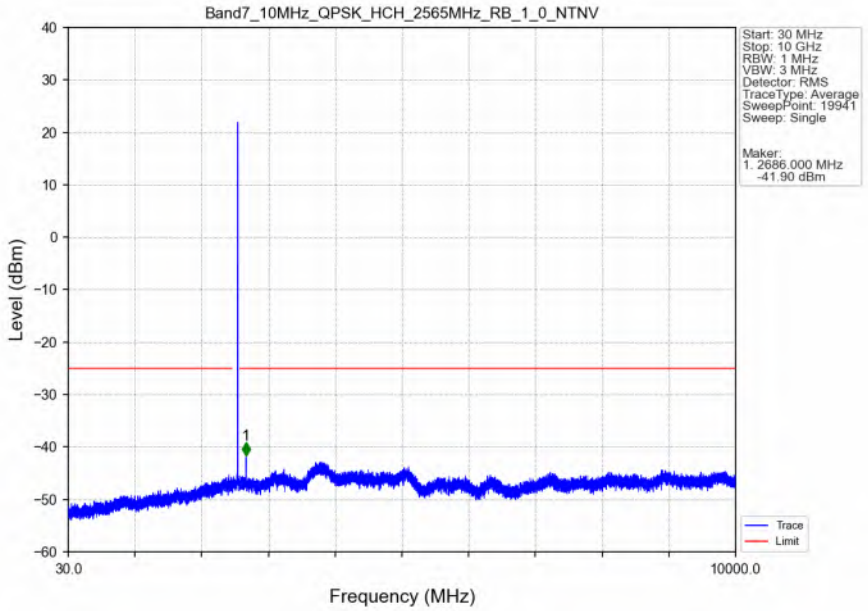
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



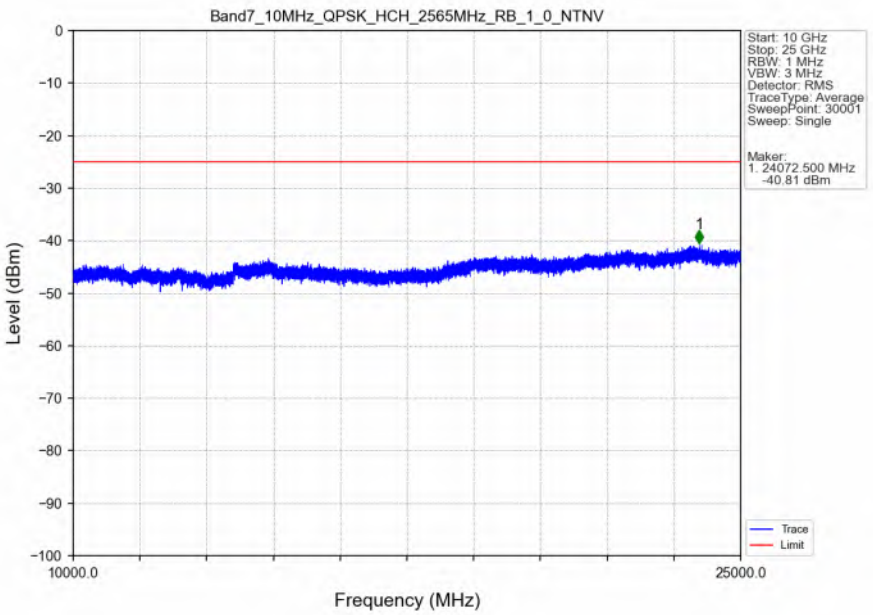
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



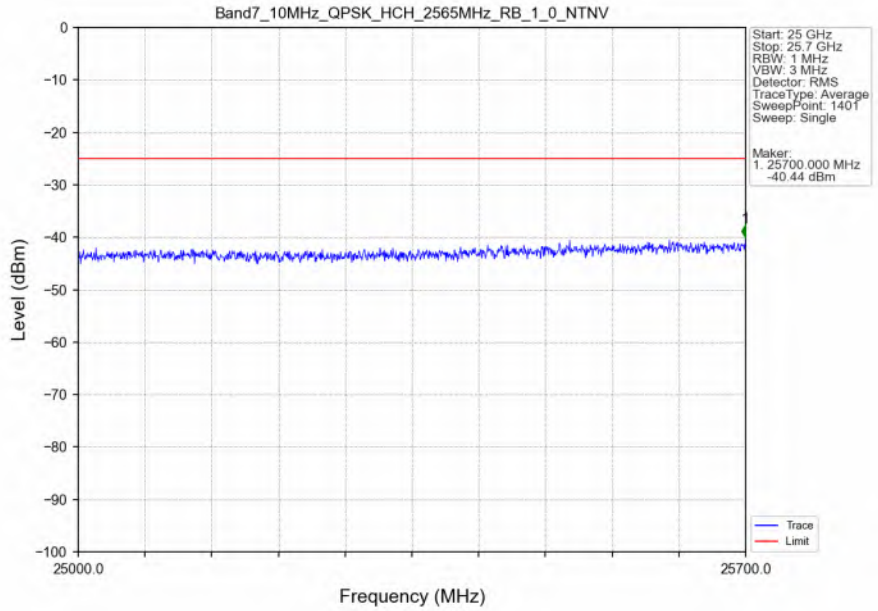
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



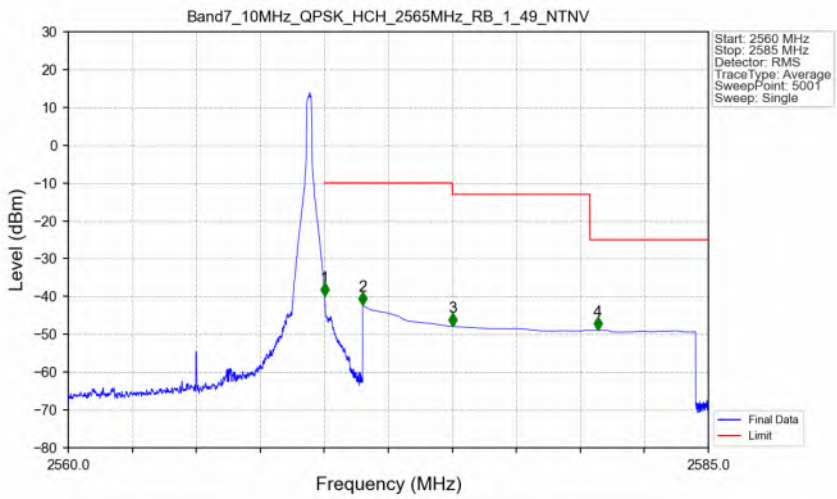
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

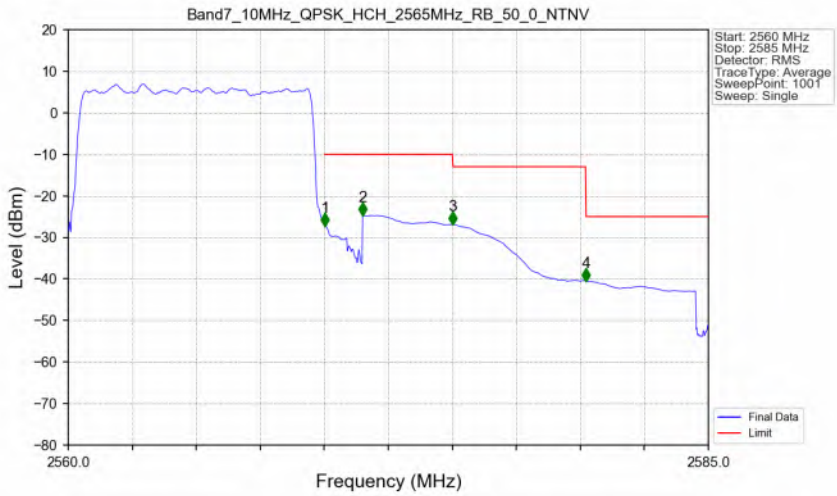


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



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	-39.78	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.25	-10	Pass
2575	2580.37	1	CHP	3	2575.005	-47.87	-13	Pass
2580.37	2585	1	CHP	4	2580.685	-48.89	-25	Pass

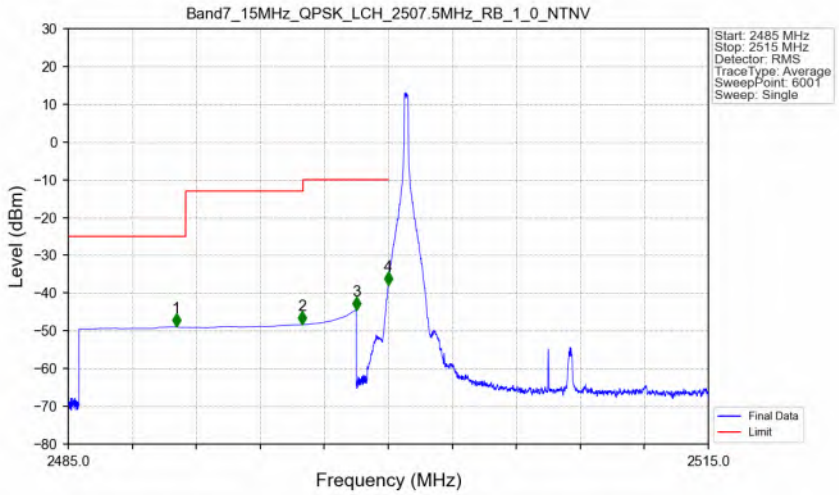
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.204	CHP	/	/	/	/	/
2570	2571	0.204	CHP	1	2570.025	-27.37	-10	Pass
2571	2575	1	CHP	2	2571.500	-24.73	-10	Pass
2575	2580.205	1	CHP	3	2575.025	-26.92	-13	Pass
2580.205	2585	1	CHP	4	2580.225	-40.57	-25	Pass

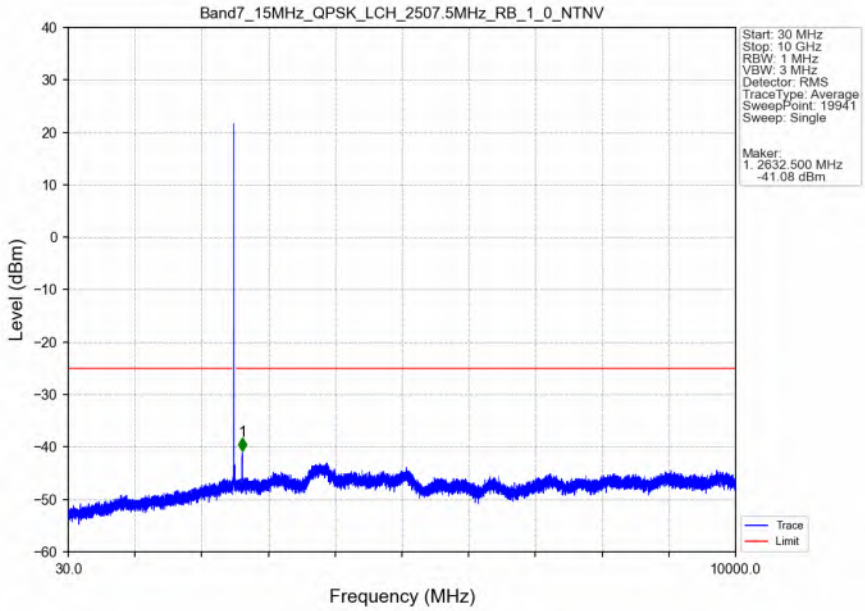
5.2.3 B7_15MHz

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

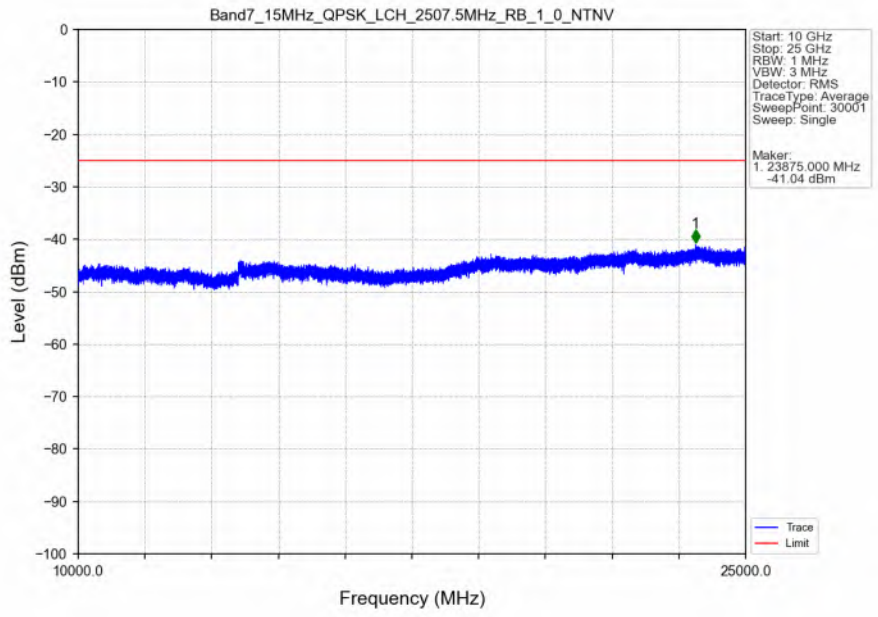


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.055	-48.94	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-48.36	-13	Pass
2496	2499	1	CHP	3	2498.500	-44.47	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-37.81	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

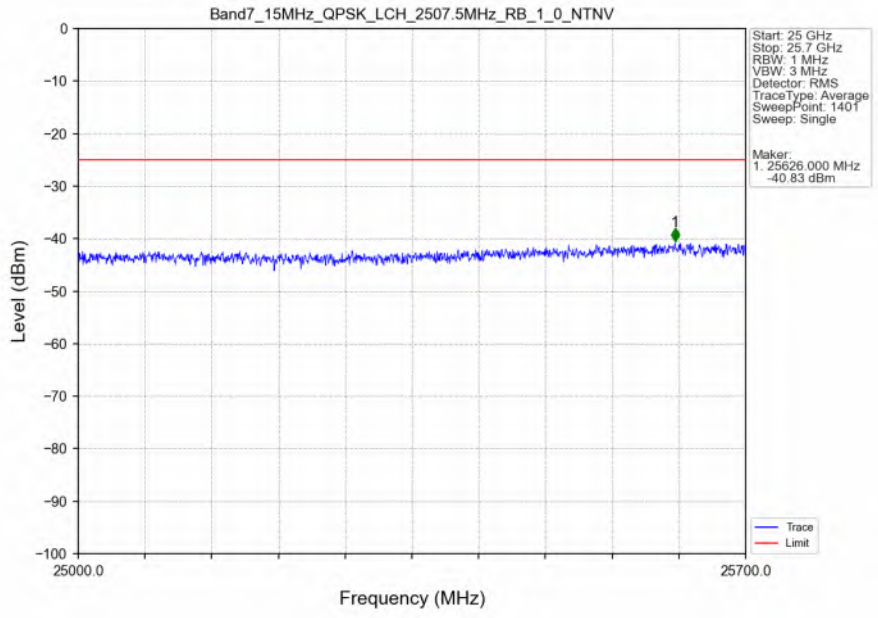
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



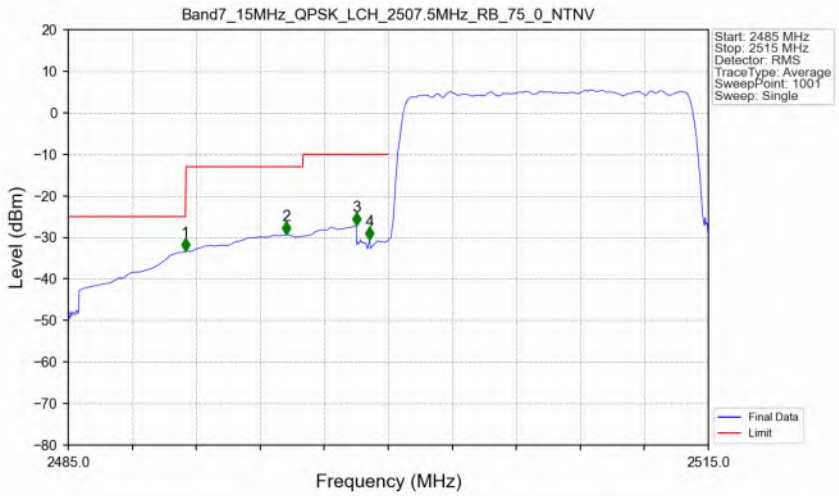
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

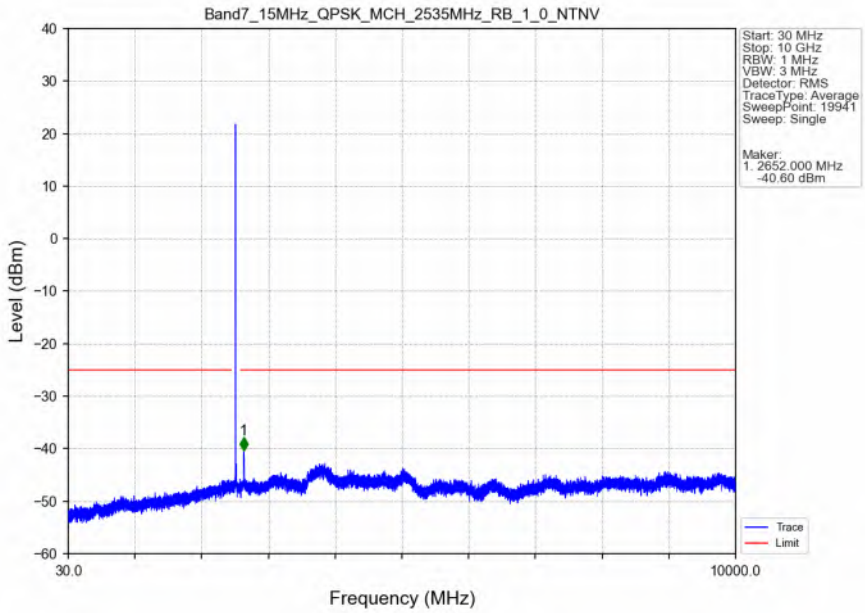


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

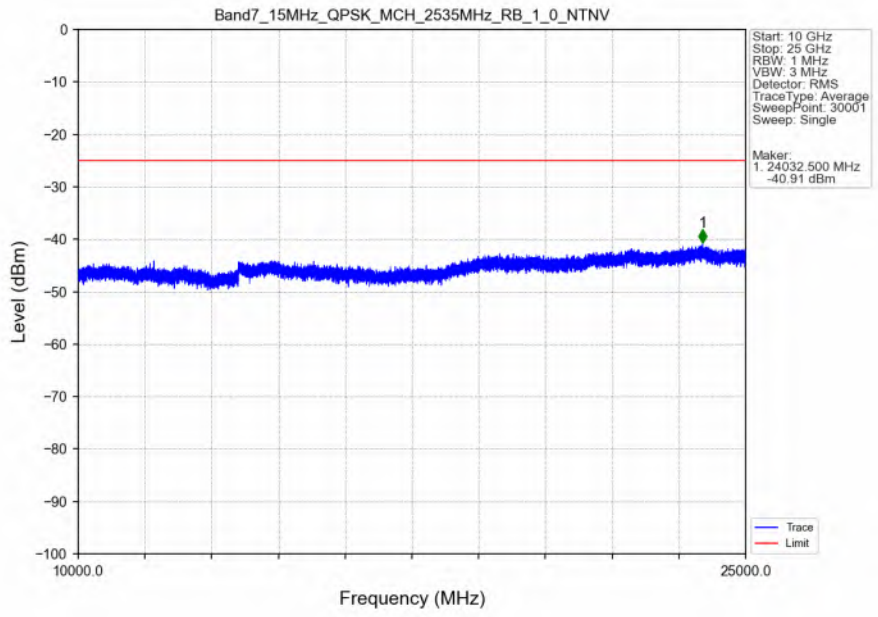


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.38	-25	Pass
2490.5	2496	1	CHP	2	2495.230	-29.32	-13	Pass
2496	2499	1	CHP	3	2498.500	-27.15	-10	Pass
2499	2500	0.303	CHP	4	2499.130	-30.55	-10	Pass
2500	2515	0.303	CHP	/	/	/	/	/

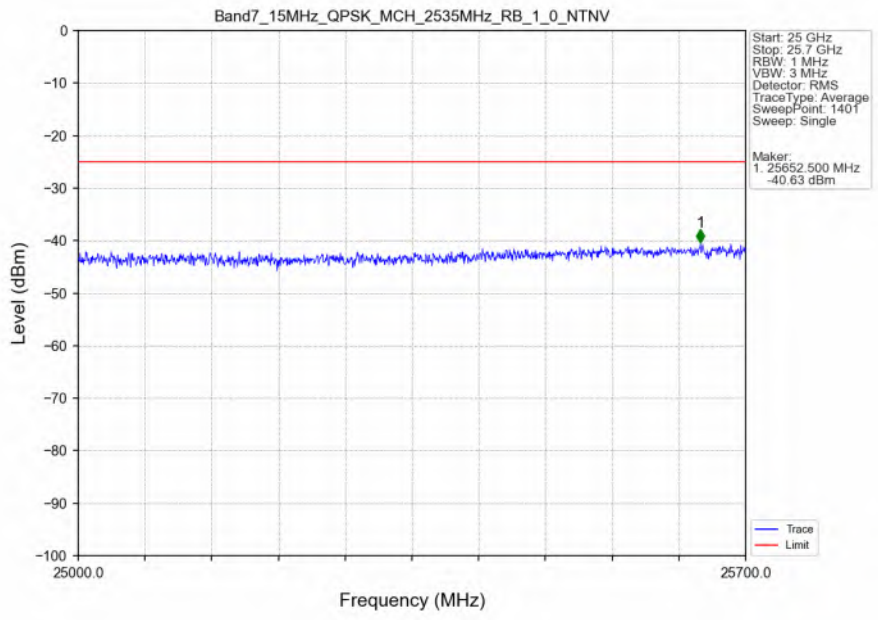
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



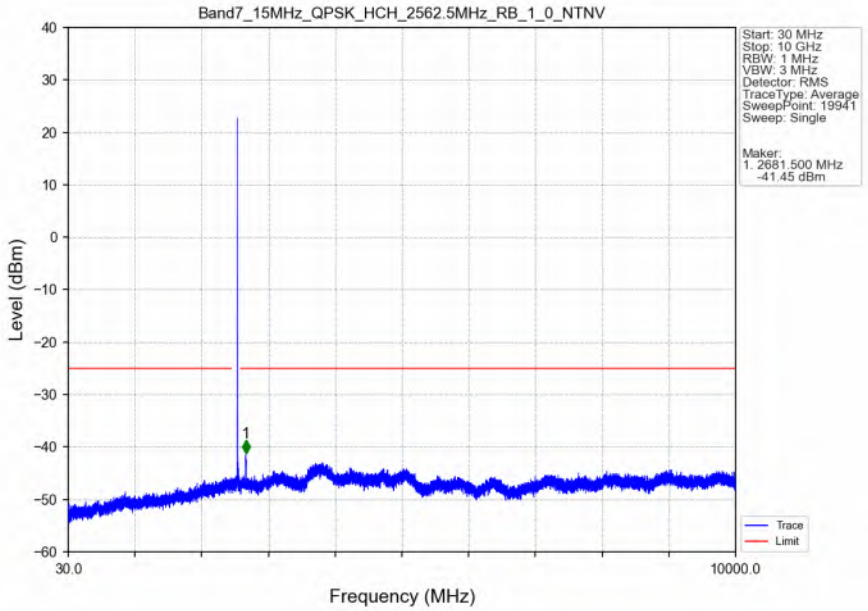
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



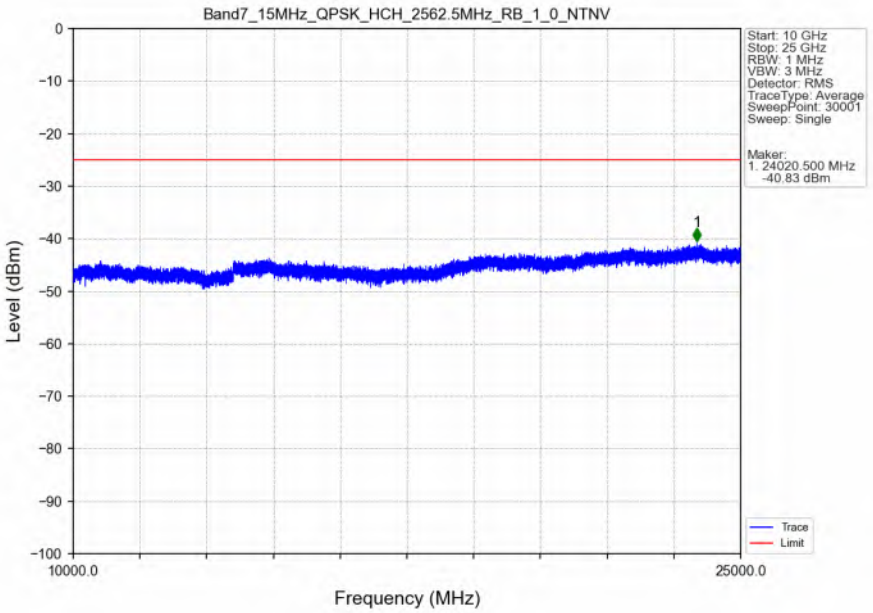
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



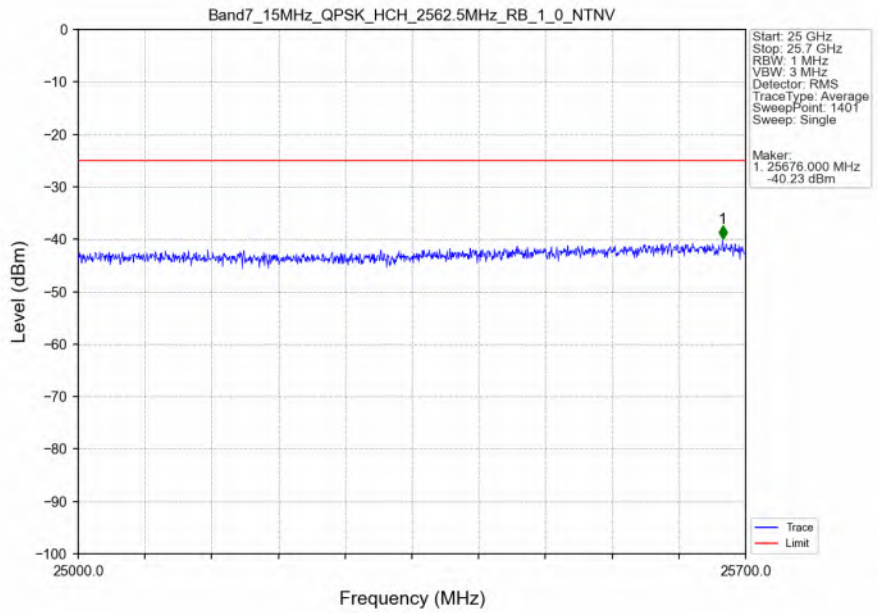
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



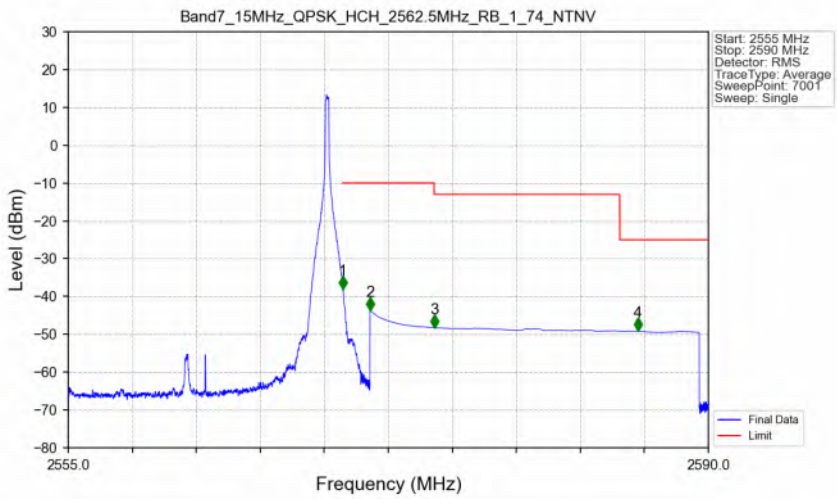
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

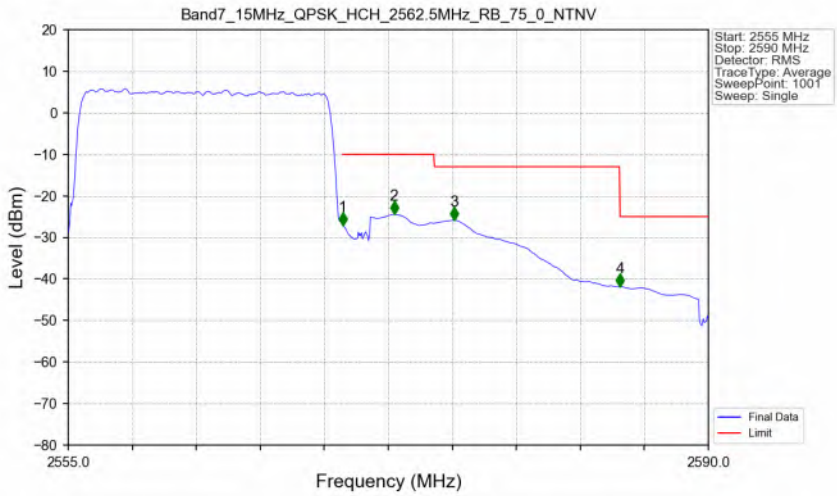


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



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	2570.010	-38.07	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.67	-10	Pass
2575	2585.153	1	CHP	3	2575.005	-48.25	-13	Pass
2585.153	2590	1	CHP	4	2586.135	-49.16	-25	Pass

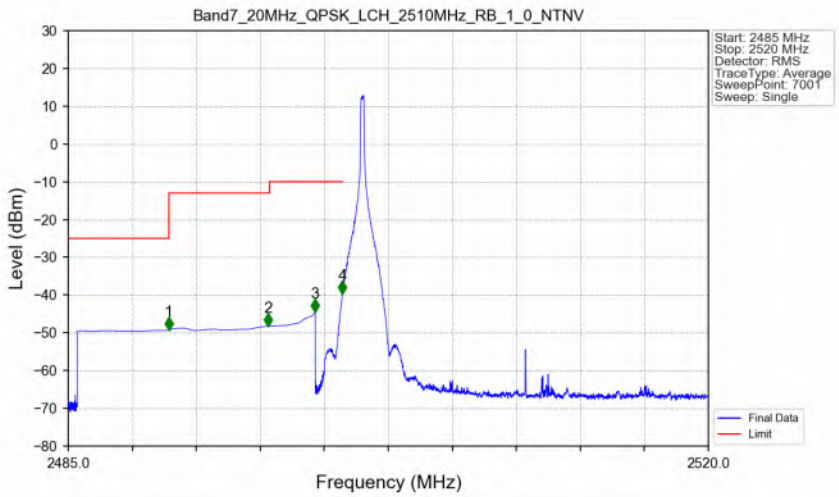
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.302	CHP	/	/	/	/	/
2570	2571	0.302	CHP	1	2570.015	-27.15	-10	Pass
2571	2575	1	CHP	2	2572.815	-24.46	-10	Pass
2575	2585.153	1	CHP	3	2576.105	-25.84	-13	Pass
2585.153	2590	1	CHP	4	2585.170	-41.83	-25	Pass

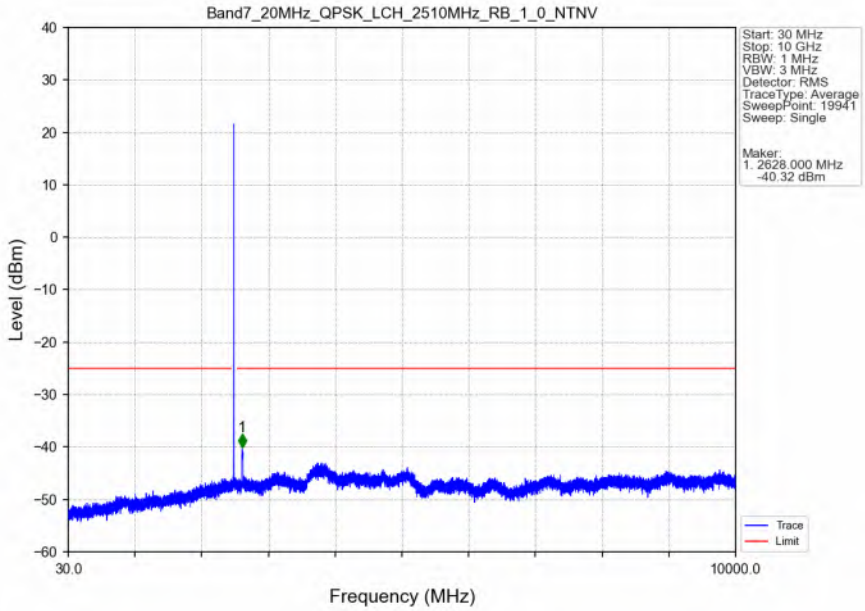
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

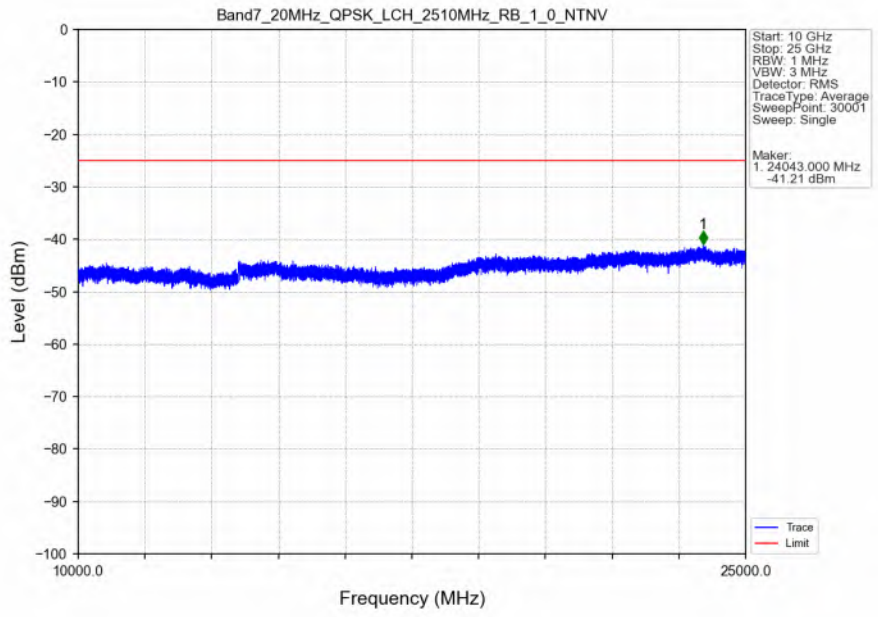


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.485	-49.22	-25	Pass
2490.5	2496	1	CHP	2	2495.920	-48.22	-13	Pass
2496	2499	1	CHP	3	2498.500	-44.45	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-39.70	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

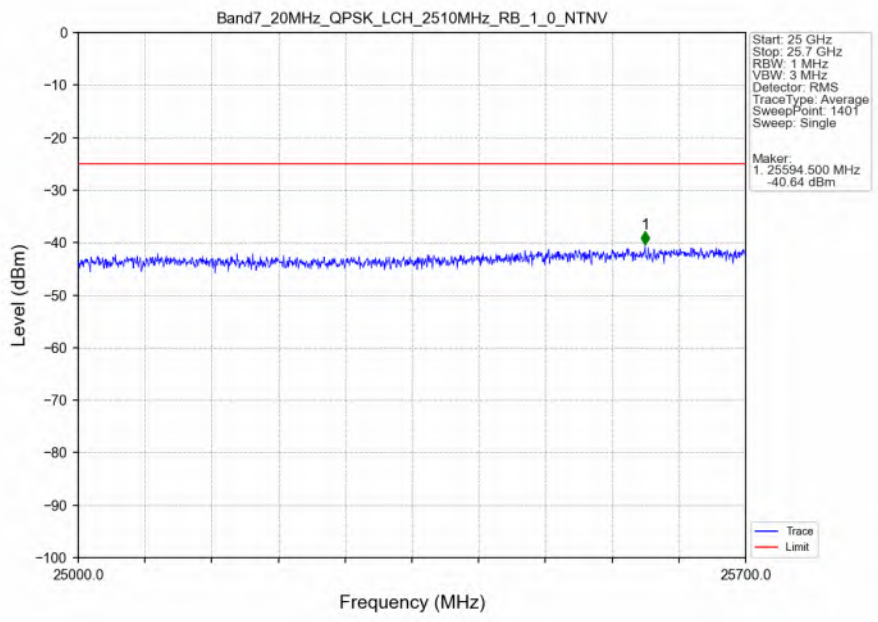
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



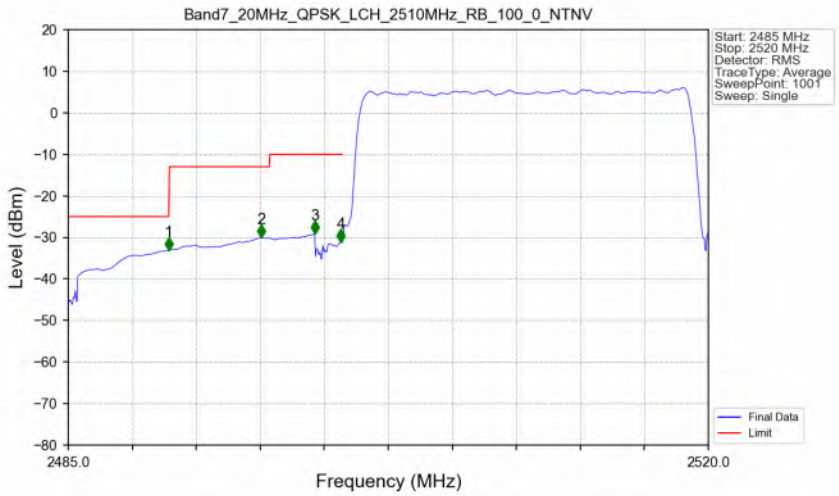
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

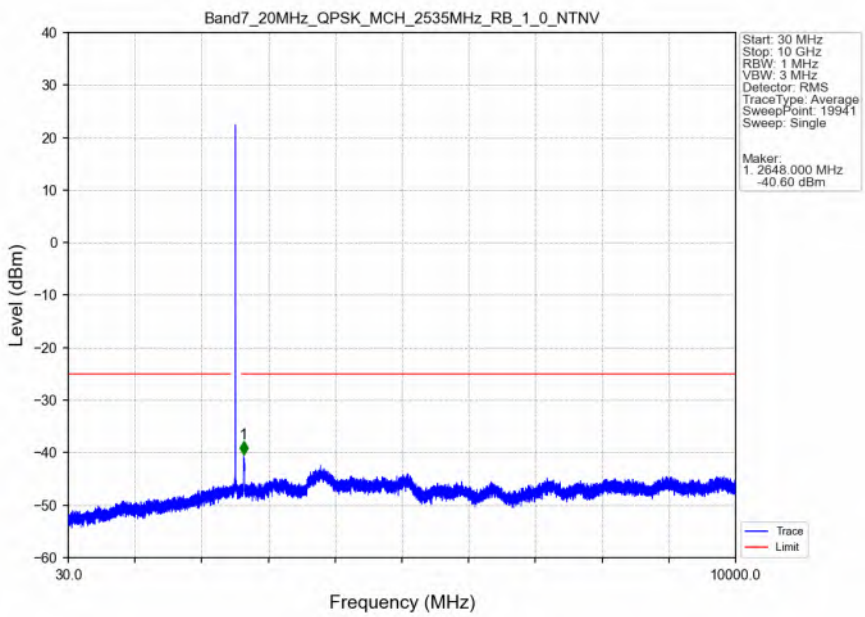


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

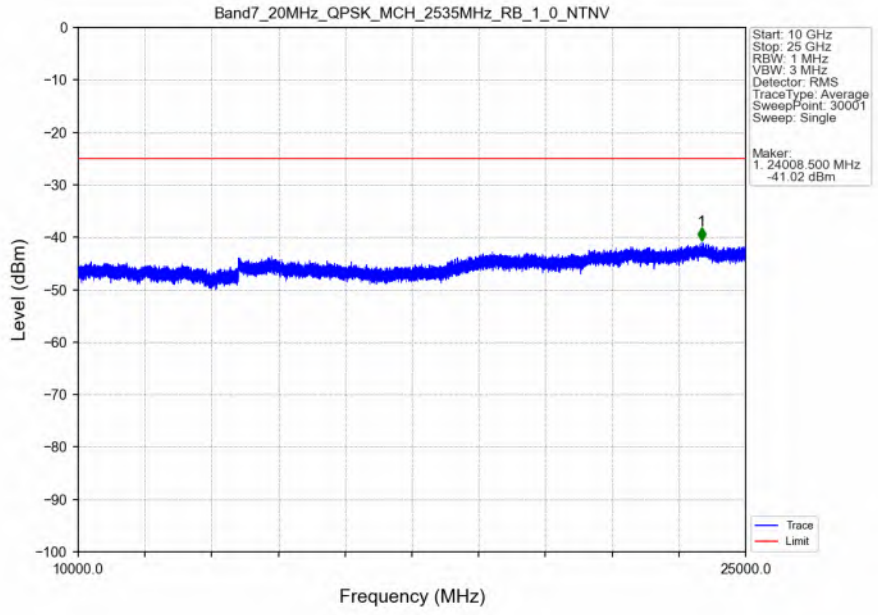


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-33.13	-25	Pass
2490.5	2496	1	CHP	2	2495.570	-30.11	-13	Pass
2496	2499	1	CHP	3	2498.475	-29.18	-10	Pass
2499	2500	0.403	CHP	4	2499.910	-31.09	-10	Pass
2500	2520	0.403	CHP	/	/	/	/	/

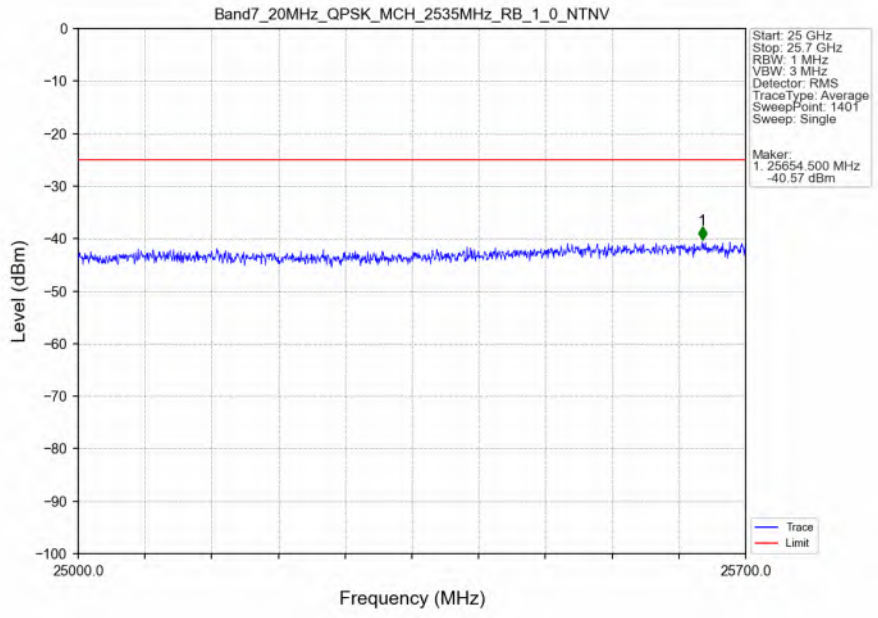
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



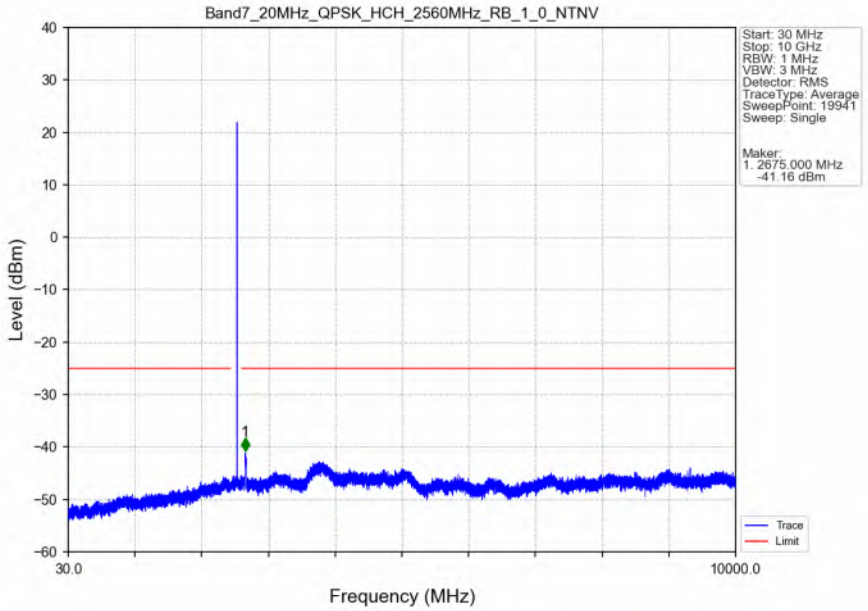
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



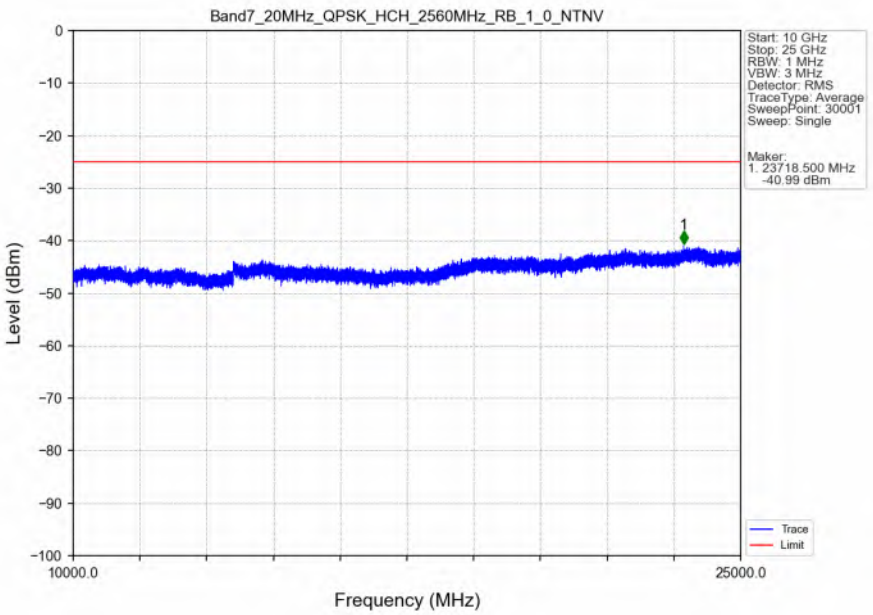
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



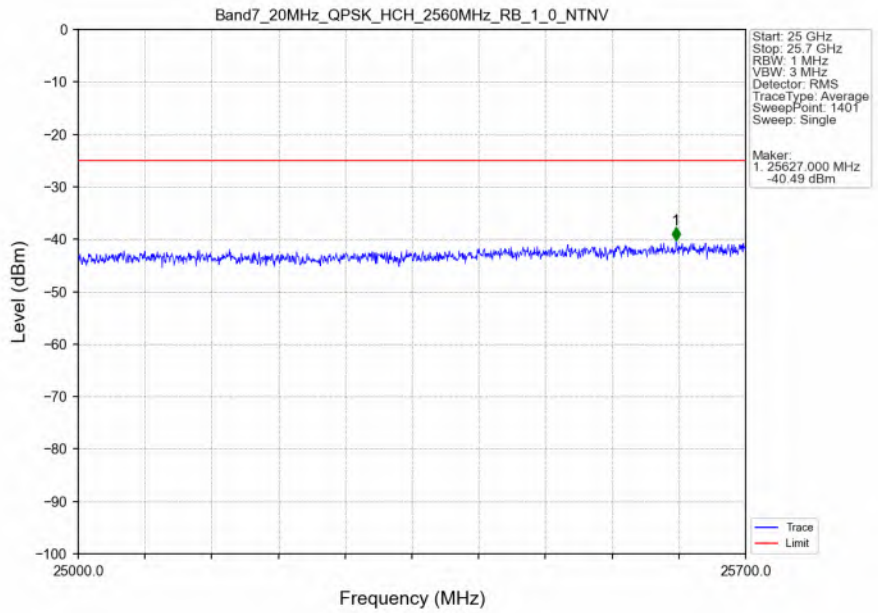
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



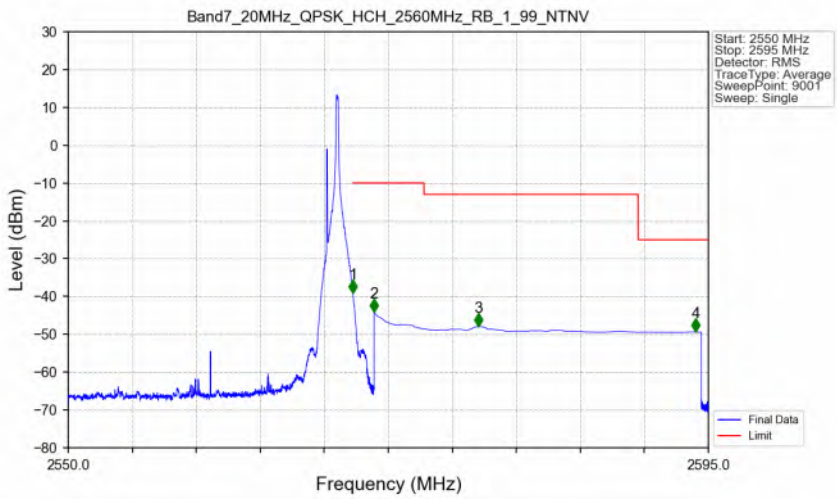
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

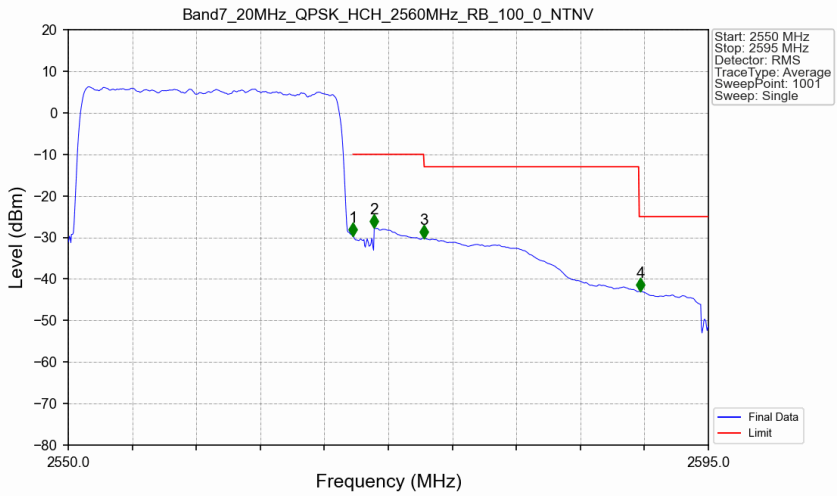


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



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	-39.13	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.02	-10	Pass
2575	2590.06	1	CHP	3	2578.815	-47.96	-13	Pass
2590.06	2595	1	CHP	4	2594.110	-49.35	-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	0.405	CHP	/	/	/	/	/
2570	2571	0.405	CHP	1	2570.025	-29.59	-10	Pass
2571	2575	1	CHP	2	2571.510	-27.60	-10	Pass
2575	2590.131	1	CHP	3	2575.020	-30.17	-13	Pass
2590.131	2595	1	CHP	4	2590.230	-42.94	-25	Pass