

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	23.39	-1.91	21.48	<=33.01	Pass
			13	23.60	-1.91	21.69	<=33.01	Pass
			24	23.07	-1.91	21.16	<=33.01	Pass
		12	0	22.58	-1.91	20.67	<=33.01	Pass
			6	22.49	-1.91	20.58	<=33.01	Pass
			13	22.52	-1.91	20.61	<=33.01	Pass
		25	0	22.45	-1.91	20.54	<=33.01	Pass
	2535	1	0	23.02	-1.91	21.11	<=33.01	Pass
			13	23.15	-1.91	21.24	<=33.01	Pass
			24	23.01	-1.91	21.10	<=33.01	Pass
		12	0	22.12	-1.91	20.21	<=33.01	Pass
			6	22.12	-1.91	20.21	<=33.01	Pass
			13	22.09	-1.91	20.18	<=33.01	Pass
		25	0	22.10	-1.91	20.19	<=33.01	Pass
	2567.5	1	0	23.45	-1.91	21.54	<=33.01	Pass
			13	23.40	-1.91	21.49	<=33.01	Pass
			24	23.45	-1.91	21.54	<=33.01	Pass
		12	0	22.47	-1.91	20.56	<=33.01	Pass
			6	22.31	-1.91	20.40	<=33.01	Pass
			13	22.46	-1.91	20.55	<=33.01	Pass
		25	0	22.57	-1.91	20.66	<=33.01	Pass
16QAM	2502.5	1	0	22.56	-1.91	20.65	<=33.01	Pass
			13	22.52	-1.91	20.61	<=33.01	Pass
			24	22.01	-1.91	20.10	<=33.01	Pass
		12	0	21.49	-1.91	19.58	<=33.01	Pass
			6	21.62	-1.91	19.71	<=33.01	Pass
			13	21.59	-1.91	19.68	<=33.01	Pass
		25	0	21.54	-1.91	19.63	<=33.01	Pass
	2535	1	0	22.26	-1.91	20.35	<=33.01	Pass
			13	22.23	-1.91	20.32	<=33.01	Pass
			24	22.31	-1.91	20.40	<=33.01	Pass
		12	0	21.12	-1.91	19.21	<=33.01	Pass
			6	21.14	-1.91	19.23	<=33.01	Pass
			13	21.06	-1.91	19.15	<=33.01	Pass
		25	0	21.13	-1.91	19.22	<=33.01	Pass
	2567.5	1	0	22.62	-1.91	20.71	<=33.01	Pass
			13	22.65	-1.91	20.74	<=33.01	Pass
			24	22.64	-1.91	20.73	<=33.01	Pass
		12	0	21.50	-1.91	19.59	<=33.01	Pass
			6	21.40	-1.91	19.49	<=33.01	Pass
			13	21.60	-1.91	19.69	<=33.01	Pass
		25	0	21.53	-1.91	19.62	<=33.01	Pass
64QAM	2502.5	1	0	21.73	-1.91	19.82	<=33.01	Pass
			13	21.39	-1.91	19.48	<=33.01	Pass
			24	21.47	-1.91	19.56	<=33.01	Pass
		12	0	20.68	-1.91	18.77	<=33.01	Pass
			6	20.66	-1.91	18.75	<=33.01	Pass
			13	20.64	-1.91	18.73	<=33.01	Pass
		25	0	20.56	-1.91	18.65	<=33.01	Pass

	2535	1	0	21.15	-1.91	19.24	<=33.01	Pass
			13	20.98	-1.91	19.07	<=33.01	Pass
			24	21.07	-1.91	19.16	<=33.01	Pass
		12	0	20.20	-1.91	18.29	<=33.01	Pass
			6	20.14	-1.91	18.23	<=33.01	Pass
			13	20.16	-1.91	18.25	<=33.01	Pass
		25	0	20.14	-1.91	18.23	<=33.01	Pass
	2567.5	1	0	21.60	-1.91	19.69	<=33.01	Pass
			13	21.24	-1.91	19.33	<=33.01	Pass
			24	21.62	-1.91	19.71	<=33.01	Pass
		12	0	20.61	-1.91	18.70	<=33.01	Pass
			6	20.58	-1.91	18.67	<=33.01	Pass
			13	20.66	-1.91	18.75	<=33.01	Pass
		25	0	20.43	-1.91	18.52	<=33.01	Pass
256QAM	2502.5	1	0	18.75	-1.91	16.84	<=33.01	Pass
			13	18.61	-1.91	16.70	<=33.01	Pass
			24	18.64	-1.91	16.73	<=33.01	Pass
		12	0	18.64	-1.91	16.73	<=33.01	Pass
			6	18.51	-1.91	16.60	<=33.01	Pass
			13	18.56	-1.91	16.65	<=33.01	Pass
		25	0	18.60	-1.91	16.69	<=33.01	Pass
	2535	1	0	17.80	-1.91	15.89	<=33.01	Pass
			13	18.00	-1.91	16.09	<=33.01	Pass
			24	17.96	-1.91	16.05	<=33.01	Pass
		12	0	18.09	-1.91	16.18	<=33.01	Pass
			6	18.08	-1.91	16.17	<=33.01	Pass
			13	18.07	-1.91	16.16	<=33.01	Pass
		25	0	18.04	-1.91	16.13	<=33.01	Pass
	2567.5	1	0	18.58	-1.91	16.67	<=33.01	Pass
			13	18.61	-1.91	16.70	<=33.01	Pass
			24	18.63	-1.91	16.72	<=33.01	Pass
		12	0	18.58	-1.91	16.67	<=33.01	Pass
			6	18.57	-1.91	16.66	<=33.01	Pass
			13	18.53	-1.91	16.62	<=33.01	Pass
		25	0	18.54	-1.91	16.63	<=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	23.00	-1.91	21.09	<=33.01	Pass
			25	23.44	-1.91	21.53	<=33.01	Pass
			49	23.41	-1.91	21.50	<=33.01	Pass
		25	0	22.69	-1.91	20.78	<=33.01	Pass
			13	22.57	-1.91	20.66	<=33.01	Pass
			25	22.52	-1.91	20.61	<=33.01	Pass
		50	0	22.56	-1.91	20.65	<=33.01	Pass
	2535	1	0	23.11	-1.91	21.20	<=33.01	Pass
			25	23.07	-1.91	21.16	<=33.01	Pass
			49	23.09	-1.91	21.18	<=33.01	Pass
		25	0	22.16	-1.91	20.25	<=33.01	Pass
			13	22.14	-1.91	20.23	<=33.01	Pass
			25	22.10	-1.91	20.19	<=33.01	Pass
		50	0	22.15	-1.91	20.24	<=33.01	Pass
	2565	1	0	23.31	-1.91	21.40	<=33.01	Pass

		25	25	23.43	-1.91	21.52	<=33.01	Pass
			49	23.44	-1.91	21.53	<=33.01	Pass
			0	22.41	-1.91	20.50	<=33.01	Pass
			13	22.43	-1.91	20.52	<=33.01	Pass
			25	22.46	-1.91	20.55	<=33.01	Pass
16QAM	2505	1	0	22.45	-1.91	20.54	<=33.01	Pass
			0	22.92	-1.91	21.01	<=33.01	Pass
			25	22.59	-1.91	20.68	<=33.01	Pass
		25	49	22.55	-1.91	20.64	<=33.01	Pass
			0	21.62	-1.91	19.71	<=33.01	Pass
			13	21.58	-1.91	19.67	<=33.01	Pass
			25	21.57	-1.91	19.66	<=33.01	Pass
		50	0	21.61	-1.91	19.70	<=33.01	Pass
	2535	1	0	22.33	-1.91	20.42	<=33.01	Pass
			25	22.25	-1.91	20.34	<=33.01	Pass
			49	22.24	-1.91	20.33	<=33.01	Pass
		25	0	21.14	-1.91	19.23	<=33.01	Pass
			13	21.13	-1.91	19.22	<=33.01	Pass
			25	21.09	-1.91	19.18	<=33.01	Pass
		50	0	21.13	-1.91	19.22	<=33.01	Pass
	2565	1	0	22.43	-1.91	20.52	<=33.01	Pass
			25	22.43	-1.91	20.52	<=33.01	Pass
			49	22.58	-1.91	20.67	<=33.01	Pass
		25	0	21.33	-1.91	19.42	<=33.01	Pass
			13	21.45	-1.91	19.54	<=33.01	Pass
			25	21.47	-1.91	19.56	<=33.01	Pass
		50	0	21.45	-1.91	19.54	<=33.01	Pass
64QAM	2505	1	0	21.75	-1.91	19.84	<=33.01	Pass
			25	21.66	-1.91	19.75	<=33.01	Pass
			49	21.47	-1.91	19.56	<=33.01	Pass
		25	0	20.67	-1.91	18.76	<=33.01	Pass
			13	20.56	-1.91	18.65	<=33.01	Pass
			25	20.51	-1.91	18.60	<=33.01	Pass
		50	0	20.53	-1.91	18.62	<=33.01	Pass
	2535	1	0	21.06	-1.91	19.15	<=33.01	Pass
			25	21.29	-1.91	19.38	<=33.01	Pass
			49	21.07	-1.91	19.16	<=33.01	Pass
		25	0	20.15	-1.91	18.24	<=33.01	Pass
			13	20.12	-1.91	18.21	<=33.01	Pass
			25	20.12	-1.91	18.21	<=33.01	Pass
		50	0	20.12	-1.91	18.21	<=33.01	Pass
	2565	1	0	21.25	-1.91	19.34	<=33.01	Pass
			25	21.44	-1.91	19.53	<=33.01	Pass
			49	21.36	-1.91	19.45	<=33.01	Pass
		25	0	20.40	-1.91	18.49	<=33.01	Pass
			13	20.46	-1.91	18.55	<=33.01	Pass
			25	20.47	-1.91	18.56	<=33.01	Pass
		50	0	20.45	-1.91	18.54	<=33.01	Pass
256QAM	2505	1	0	18.72	-1.91	16.81	<=33.01	Pass
			25	18.58	-1.91	16.67	<=33.01	Pass
			49	18.57	-1.91	16.66	<=33.01	Pass
		25	0	18.45	-1.91	16.54	<=33.01	Pass
			13	18.49	-1.91	16.58	<=33.01	Pass
			25	18.51	-1.91	16.60	<=33.01	Pass
		50	0	18.51	-1.91	16.60	<=33.01	Pass
	2535	1	0	18.25	-1.91	16.34	<=33.01	Pass
			25	18.23	-1.91	16.32	<=33.01	Pass
			49	18.13	-1.91	16.22	<=33.01	Pass
		25	0	18.11	-1.91	16.20	<=33.01	Pass

			13	18.10	-1.91	16.19	<=33.01	Pass
			25	18.09	-1.91	16.18	<=33.01	Pass
		50	0	18.11	-1.91	16.20	<=33.01	Pass
	2565	1	0	18.22	-1.91	16.31	<=33.01	Pass
			25	18.49	-1.91	16.58	<=33.01	Pass
			49	18.58	-1.91	16.67	<=33.01	Pass
		25	0	18.39	-1.91	16.48	<=33.01	Pass
			13	18.41	-1.91	16.50	<=33.01	Pass
			25	18.45	-1.91	16.54	<=33.01	Pass
		50	0	18.46	-1.91	16.55	<=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	23.53	-1.91	21.62	<=33.01	Pass
			38	23.48	-1.91	21.57	<=33.01	Pass
			74	23.27	-1.91	21.36	<=33.01	Pass
		36	0	22.46	-1.91	20.55	<=33.01	Pass
			18	22.42	-1.91	20.51	<=33.01	Pass
			39	22.35	-1.91	20.44	<=33.01	Pass
		75	0	22.45	-1.91	20.54	<=33.01	Pass
	2535	1	0	23.12	-1.91	21.21	<=33.01	Pass
			38	23.11	-1.91	21.20	<=33.01	Pass
			74	23.03	-1.91	21.12	<=33.01	Pass
		36	0	22.08	-1.91	20.17	<=33.01	Pass
			18	22.06	-1.91	20.15	<=33.01	Pass
			39	22.01	-1.91	20.10	<=33.01	Pass
		75	0	22.13	-1.91	20.22	<=33.01	Pass
	2562.5	1	0	23.38	-1.91	21.47	<=33.01	Pass
			38	23.31	-1.91	21.40	<=33.01	Pass
			74	23.45	-1.91	21.54	<=33.01	Pass
		36	0	22.32	-1.91	20.41	<=33.01	Pass
			18	22.37	-1.91	20.46	<=33.01	Pass
			39	22.41	-1.91	20.50	<=33.01	Pass
		75	0	22.40	-1.91	20.49	<=33.01	Pass
16QAM	2507.5	1	0	22.80	-1.91	20.89	<=33.01	Pass
			38	22.39	-1.91	20.48	<=33.01	Pass
			74	22.52	-1.91	20.61	<=33.01	Pass
		36	0	21.48	-1.91	19.57	<=33.01	Pass
			18	21.45	-1.91	19.54	<=33.01	Pass
			39	21.46	-1.91	19.55	<=33.01	Pass
		75	0	21.53	-1.91	19.62	<=33.01	Pass
	2535	1	0	22.30	-1.91	20.39	<=33.01	Pass
			38	22.45	-1.91	20.54	<=33.01	Pass
			74	22.31	-1.91	20.40	<=33.01	Pass
		36	0	21.16	-1.91	19.25	<=33.01	Pass
			18	21.13	-1.91	19.22	<=33.01	Pass
			39	21.09	-1.91	19.18	<=33.01	Pass
		75	0	21.17	-1.91	19.26	<=33.01	Pass
	2562.5	1	0	22.55	-1.91	20.64	<=33.01	Pass
			38	22.18	-1.91	20.27	<=33.01	Pass
			74	22.51	-1.91	20.60	<=33.01	Pass
		36	0	21.31	-1.91	19.40	<=33.01	Pass
			18	21.33	-1.91	19.42	<=33.01	Pass

			39	21.35	-1.91	19.44	<=33.01	Pass	
		75	0	21.40	-1.91	19.49	<=33.01	Pass	
64QAM	2507.5	1	0	21.83	-1.91	19.92	<=33.01	Pass	
			38	21.63	-1.91	19.72	<=33.01	Pass	
			74	21.28	-1.91	19.37	<=33.01	Pass	
			0	20.47	-1.91	18.56	<=33.01	Pass	
		36	18	20.42	-1.91	18.51	<=33.01	Pass	
			39	20.34	-1.91	18.43	<=33.01	Pass	
			75	0	20.43	-1.91	18.52	<=33.01	Pass
		2535	1	0	20.92	-1.91	19.01	<=33.01	Pass
				38	20.97	-1.91	19.06	<=33.01	Pass
				74	20.95	-1.91	19.04	<=33.01	Pass
	0			20.20	-1.91	18.29	<=33.01	Pass	
	36		18	20.15	-1.91	18.24	<=33.01	Pass	
			39	20.11	-1.91	18.20	<=33.01	Pass	
	75		0	20.15	-1.91	18.24	<=33.01	Pass	
	2562.5	1	0	21.38	-1.91	19.47	<=33.01	Pass	
			38	21.47	-1.91	19.56	<=33.01	Pass	
			74	21.62	-1.91	19.71	<=33.01	Pass	
			0	20.29	-1.91	18.38	<=33.01	Pass	
		36	18	20.31	-1.91	18.40	<=33.01	Pass	
			39	20.46	-1.91	18.55	<=33.01	Pass	
			75	0	20.38	-1.91	18.47	<=33.01	Pass
		256QAM	2507.5	1	0	18.76	-1.91	16.85	<=33.01
	38				18.57	-1.91	16.66	<=33.01	Pass
74	18.53				-1.91	16.62	<=33.01	Pass	
36	0			18.56	-1.91	16.65	<=33.01	Pass	
	18			18.40	-1.91	16.49	<=33.01	Pass	
	39			18.44	-1.91	16.53	<=33.01	Pass	
75	0			18.55	-1.91	16.64	<=33.01	Pass	
2535	1		0	18.33	-1.91	16.42	<=33.01	Pass	
			38	18.18	-1.91	16.27	<=33.01	Pass	
			74	18.05	-1.91	16.14	<=33.01	Pass	
	36		0	18.14	-1.91	16.23	<=33.01	Pass	
			18	18.12	-1.91	16.21	<=33.01	Pass	
			39	18.09	-1.91	16.18	<=33.01	Pass	
75	0		18.13	-1.91	16.22	<=33.01	Pass		
2562.5	1		0	18.44	-1.91	16.53	<=33.01	Pass	
			38	18.39	-1.91	16.48	<=33.01	Pass	
			74	18.62	-1.91	16.71	<=33.01	Pass	
	36		0	18.33	-1.91	16.42	<=33.01	Pass	
			18	18.27	-1.91	16.36	<=33.01	Pass	
			39	18.38	-1.91	16.47	<=33.01	Pass	
	75		0	18.41	-1.91	16.50	<=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	23.51	-1.91	21.60	<=33.01	Pass
			50	23.45	-1.91	21.54	<=33.01	Pass
			99	23.28	-1.91	21.37	<=33.01	Pass
		50	0	22.64	-1.91	20.73	<=33.01	Pass
			25	22.50	-1.91	20.59	<=33.01	Pass
			50	22.40	-1.91	20.49	<=33.01	Pass

		100	0	22.55	-1.91	20.64	<=33.01	Pass
		2535	1	0	23.14	-1.91	21.23	<=33.01
				50	23.11	-1.91	21.20	<=33.01
				99	23.10	-1.91	21.19	<=33.01
			50	0	22.25	-1.91	20.34	<=33.01
				25	22.17	-1.91	20.26	<=33.01
				50	22.16	-1.91	20.25	<=33.01
		100	0	22.17	-1.91	20.26	<=33.01	Pass
		2560	1	0	23.22	-1.91	21.31	<=33.01
				50	23.28	-1.91	21.37	<=33.01
				99	23.31	-1.91	21.40	<=33.01
			50	0	22.36	-1.91	20.45	<=33.01
				25	22.37	-1.91	20.46	<=33.01
				50	22.42	-1.91	20.51	<=33.01
		100	0	22.42	-1.91	20.51	<=33.01	Pass
16QAM	2510	1	0	22.62	-1.91	20.71	<=33.01	Pass
			50	22.64	-1.91	20.73	<=33.01	Pass
			99	22.43	-1.91	20.52	<=33.01	Pass
			0	21.65	-1.91	19.74	<=33.01	Pass
		50	25	21.52	-1.91	19.61	<=33.01	Pass
			50	21.40	-1.91	19.49	<=33.01	Pass
		100	0	21.54	-1.91	19.63	<=33.01	Pass
	2535	1	0	22.26	-1.91	20.35	<=33.01	Pass
			50	22.41	-1.91	20.50	<=33.01	Pass
			99	22.14	-1.91	20.23	<=33.01	Pass
		50	0	21.23	-1.91	19.32	<=33.01	Pass
			25	21.18	-1.91	19.27	<=33.01	Pass
			50	21.18	-1.91	19.27	<=33.01	Pass
		100	0	21.19	-1.91	19.28	<=33.01	Pass
	2560	1	0	22.40	-1.91	20.49	<=33.01	Pass
			50	21.75	-1.91	19.84	<=33.01	Pass
			99	22.47	-1.91	20.56	<=33.01	Pass
		50	0	21.35	-1.91	19.44	<=33.01	Pass
			25	21.37	-1.91	19.46	<=33.01	Pass
			50	21.48	-1.91	19.57	<=33.01	Pass
		100	0	21.41	-1.91	19.50	<=33.01	Pass
64QAM	2510	1	0	21.38	-1.91	19.47	<=33.01	Pass
			50	21.37	-1.91	19.46	<=33.01	Pass
			99	21.36	-1.91	19.45	<=33.01	Pass
		50	0	20.65	-1.91	18.74	<=33.01	Pass
			25	20.50	-1.91	18.59	<=33.01	Pass
			50	20.37	-1.91	18.46	<=33.01	Pass
		100	0	20.50	-1.91	18.59	<=33.01	Pass
	2535	1	0	21.15	-1.91	19.24	<=33.01	Pass
			50	20.98	-1.91	19.07	<=33.01	Pass
			99	21.05	-1.91	19.14	<=33.01	Pass
		50	0	20.23	-1.91	18.32	<=33.01	Pass
			25	20.16	-1.91	18.25	<=33.01	Pass
			50	20.17	-1.91	18.26	<=33.01	Pass
		100	0	20.15	-1.91	18.24	<=33.01	Pass
	2560	1	0	21.22	-1.91	19.31	<=33.01	Pass
			50	21.55	-1.91	19.64	<=33.01	Pass
			99	21.55	-1.91	19.64	<=33.01	Pass
		50	0	20.35	-1.91	18.44	<=33.01	Pass
			25	20.40	-1.91	18.49	<=33.01	Pass
			50	20.43	-1.91	18.52	<=33.01	Pass
		100	0	20.39	-1.91	18.48	<=33.01	Pass
256QAM	2510	1	0	18.78	-1.91	16.87	<=33.01	Pass
			50	18.56	-1.91	16.65	<=33.01	Pass

			99	18.43	-1.91	16.52	<=33.01	Pass
		50	0	18.62	-1.91	16.71	<=33.01	Pass
			25	18.43	-1.91	16.52	<=33.01	Pass
			50	18.30	-1.91	16.39	<=33.01	Pass
		100	0	18.43	-1.91	16.52	<=33.01	Pass
	2535	1	0	18.31	-1.91	16.40	<=33.01	Pass
			50	18.24	-1.91	16.33	<=33.01	Pass
			99	18.18	-1.91	16.27	<=33.01	Pass
		50	0	18.10	-1.91	16.19	<=33.01	Pass
			25	18.14	-1.91	16.23	<=33.01	Pass
			50	18.13	-1.91	16.22	<=33.01	Pass
		100	0	18.14	-1.91	16.23	<=33.01	Pass
	2560	1	0	18.40	-1.91	16.49	<=33.01	Pass
			50	18.52	-1.91	16.61	<=33.01	Pass
			99	18.64	-1.91	16.73	<=33.01	Pass
		50	0	18.34	-1.91	16.43	<=33.01	Pass
			25	18.35	-1.91	16.44	<=33.01	Pass
			50	18.43	-1.91	16.52	<=33.01	Pass
		100	0	18.42	-1.91	16.51	<=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	6.600	0.0026	-2.5 to 2.5	Pass
					NV	-6.000	-0.0024	-2.5 to 2.5	Pass
					HV	-0.900	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-13.300	-0.0052	-2.5 to 2.5	Pass
				-20	NV	-20.100	-0.0079	-2.5 to 2.5	Pass
				-10	NV	-16.500	-0.0065	-2.5 to 2.5	Pass
				0	NV	-15.000	-0.0059	-2.5 to 2.5	Pass
				10	NV	-12.500	-0.0049	-2.5 to 2.5	Pass
				30	NV	7.100	0.0028	-2.5 to 2.5	Pass
				40	NV	3.900	0.0015	-2.5 to 2.5	Pass
				50	NV	-10.000	-0.0039	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

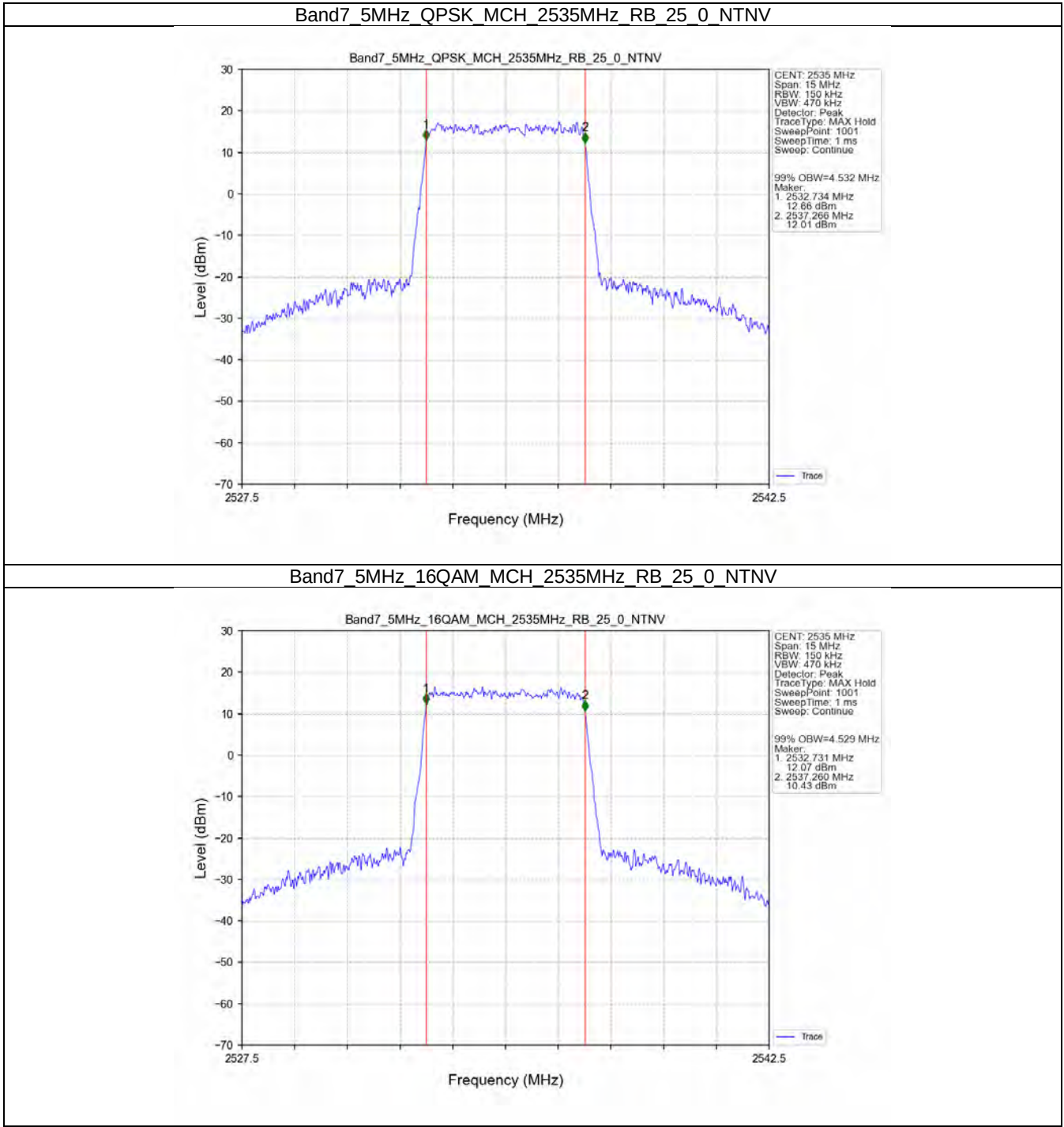
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.532	/	Pass
	16QAM	2535	25	0	4.529	/	Pass
	64QAM	2535	25	0	4.546	/	Pass
	256QAM	2535	25	0	4.520	/	Pass
10	QPSK	2535	50	0	9.057	/	Pass
	16QAM	2535	50	0	9.050	/	Pass
	64QAM	2535	50	0	9.031	/	Pass
	256QAM	2535	50	0	9.033	/	Pass
15	QPSK	2535	75	0	13.539	/	Pass
	16QAM	2535	75	0	13.575	/	Pass
	64QAM	2535	75	0	13.542	/	Pass
	256QAM	2535	75	0	13.569	/	Pass
20	QPSK	2535	100	0	18.101	/	Pass
	16QAM	2535	100	0	18.108	/	Pass
	64QAM	2535	100	0	18.097	/	Pass
	256QAM	2535	100	0	18.056	/	Pass

3.1.2 Band7_XDB

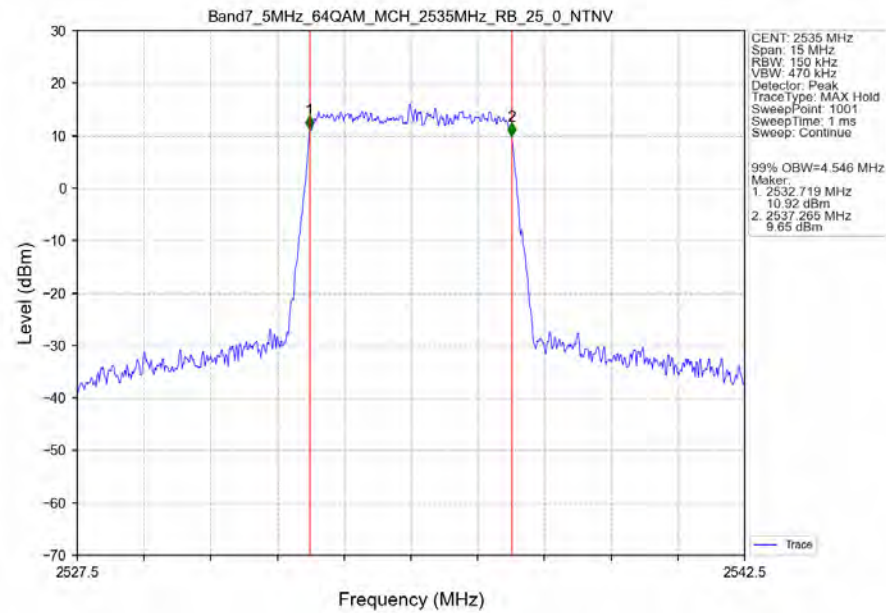
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.094	/	Pass
	16QAM	2535	25	0	5.054	/	Pass
	64QAM	2535	25	0	5.041	/	Pass
	256QAM	2535	25	0	5.058	/	Pass
10	QPSK	2535	50	0	9.964	/	Pass
	16QAM	2535	50	0	9.898	/	Pass
	64QAM	2535	50	0	9.920	/	Pass
	256QAM	2535	50	0	9.973	/	Pass
15	QPSK	2535	75	0	14.937	/	Pass
	16QAM	2535	75	0	14.909	/	Pass
	64QAM	2535	75	0	15.008	/	Pass
	256QAM	2535	75	0	14.866	/	Pass
20	QPSK	2535	100	0	19.731	/	Pass
	16QAM	2535	100	0	19.787	/	Pass
	64QAM	2535	100	0	19.720	/	Pass
	256QAM	2535	100	0	19.972	/	Pass

3.2 Test Graph

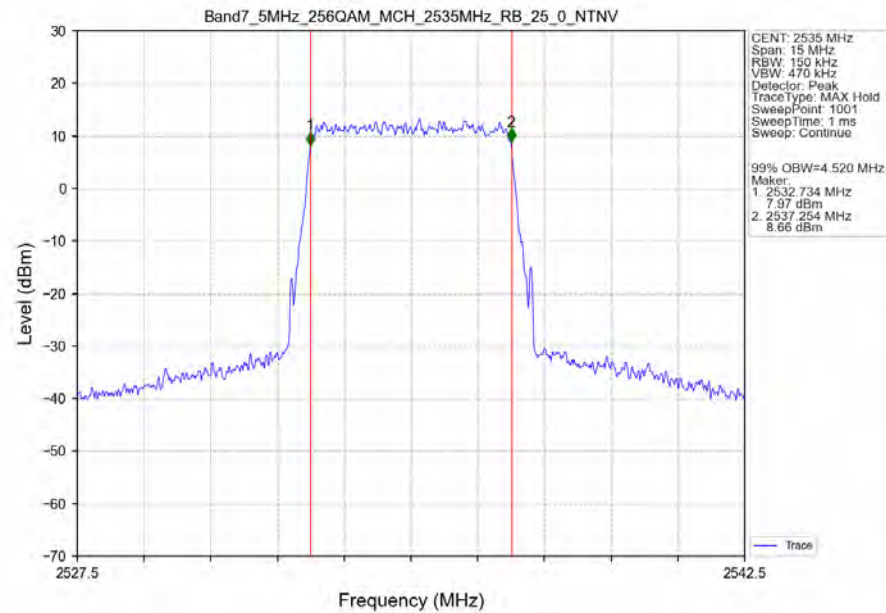
3.2.1 Band7_OBW



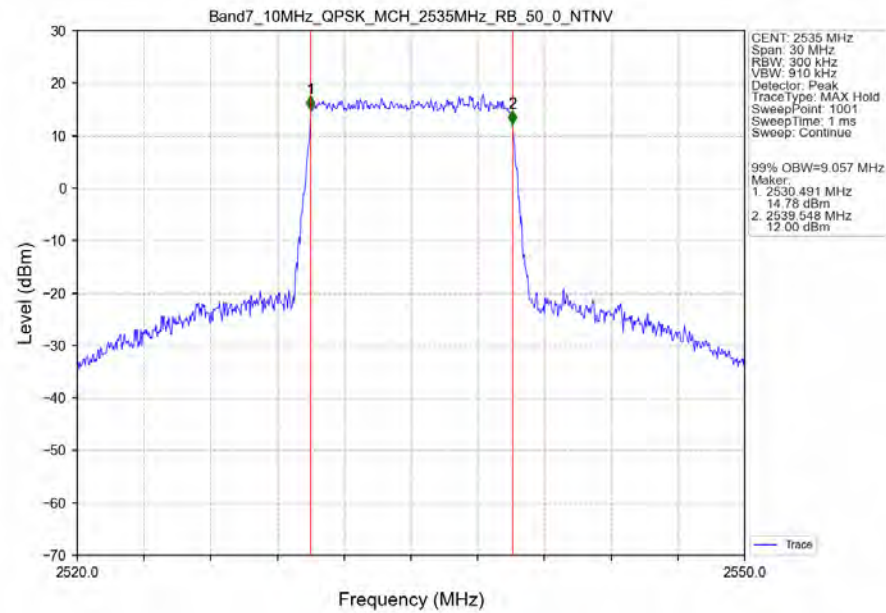
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTV



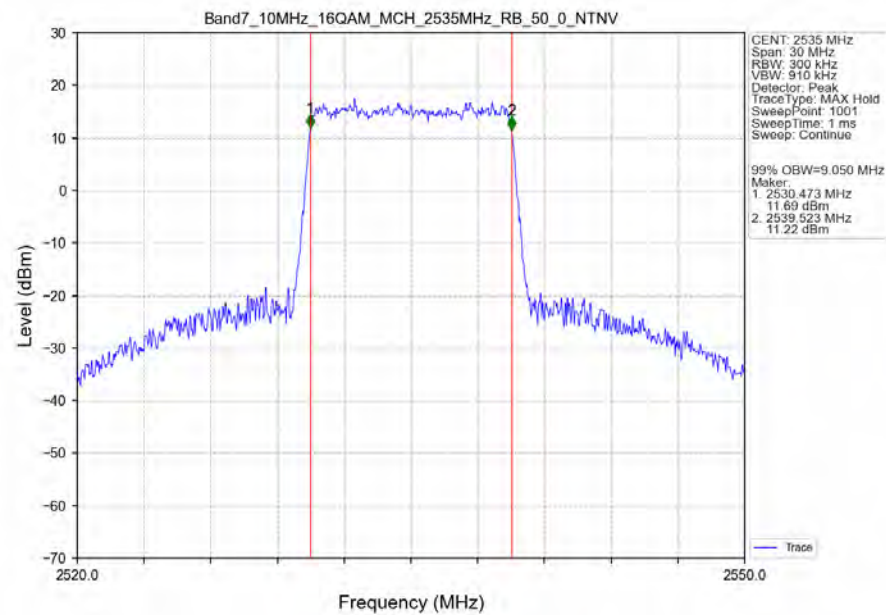
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTV



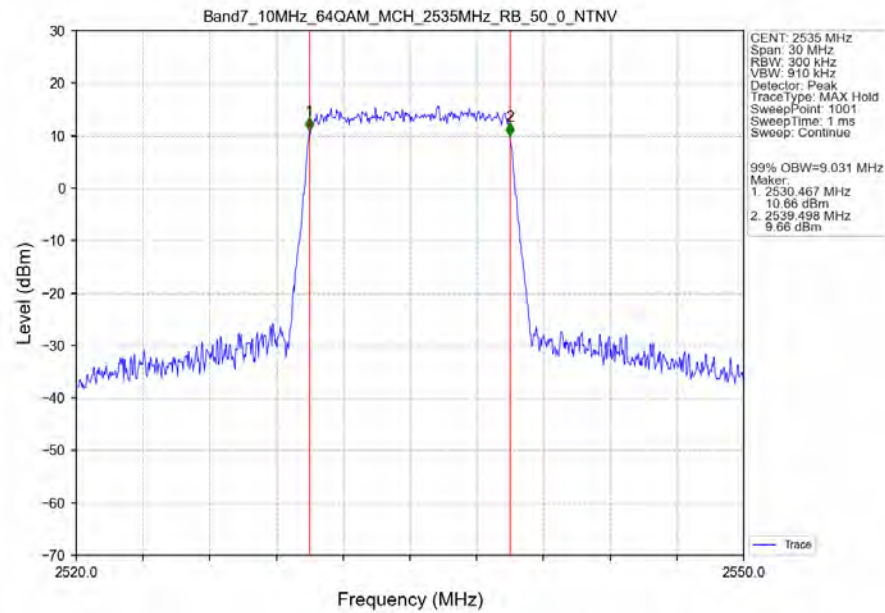
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



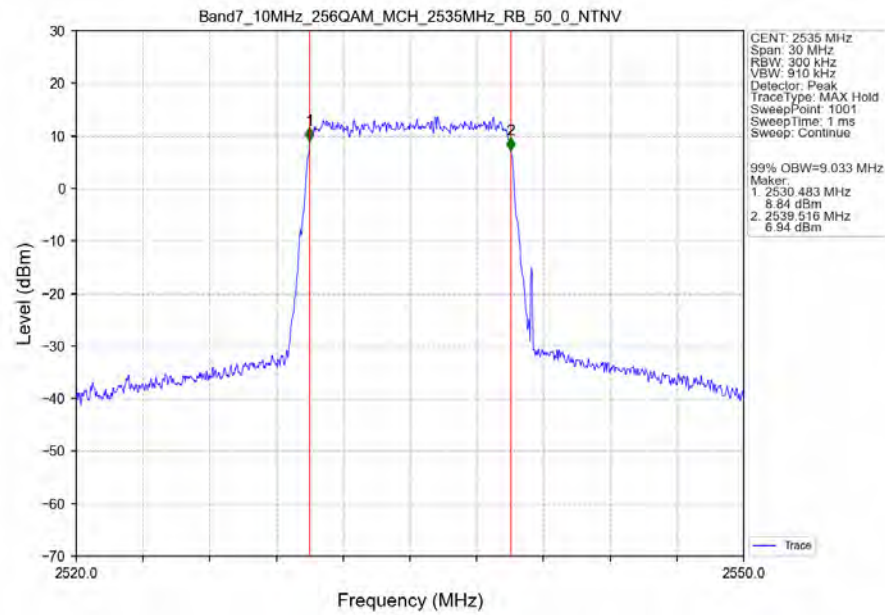
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



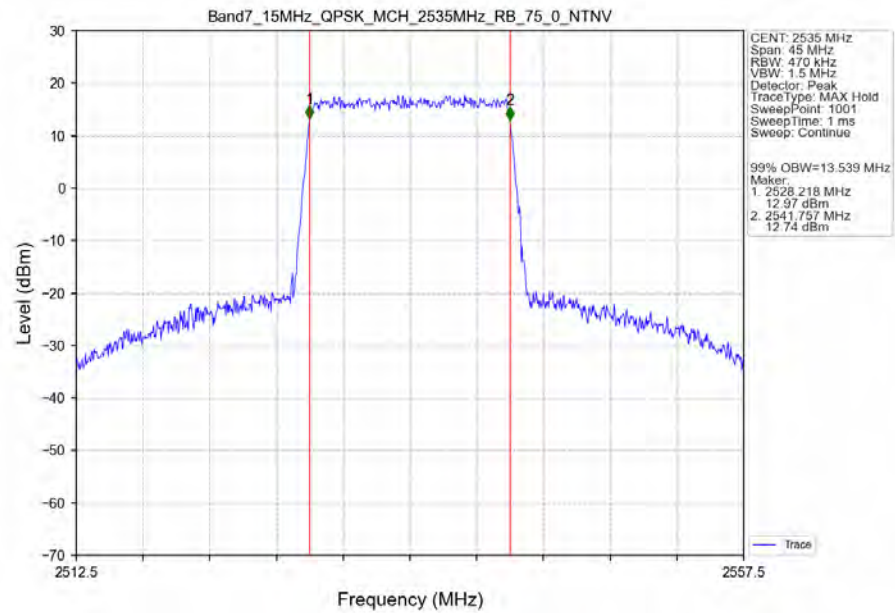
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



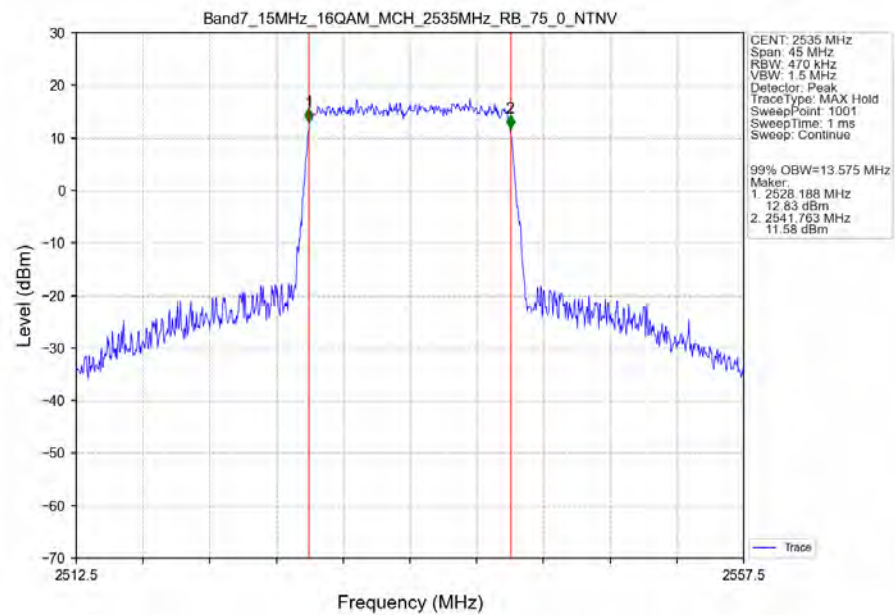
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



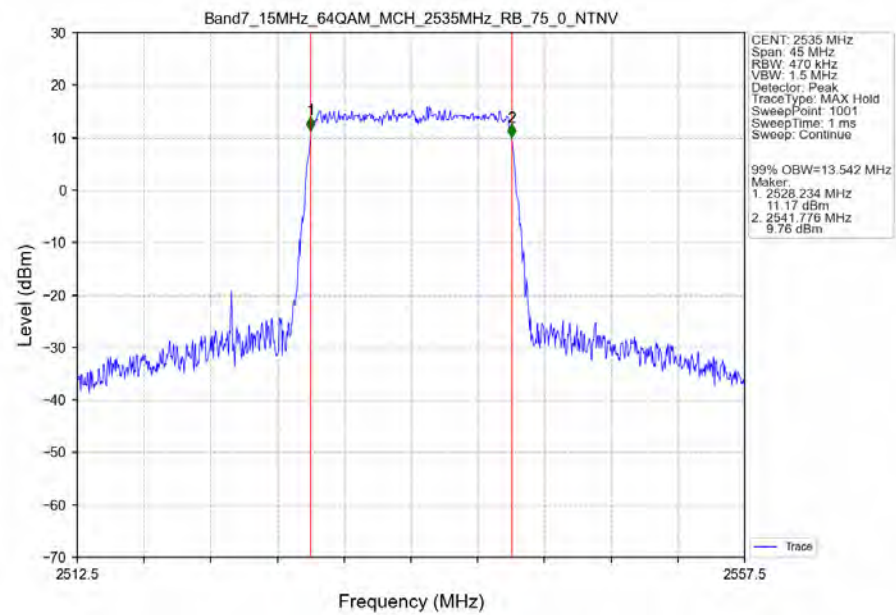
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTV



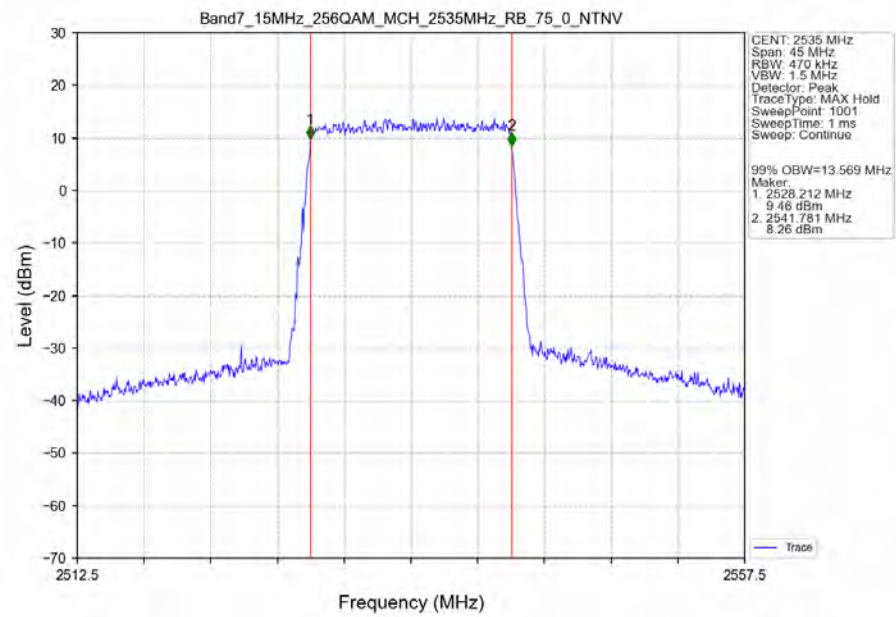
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTV



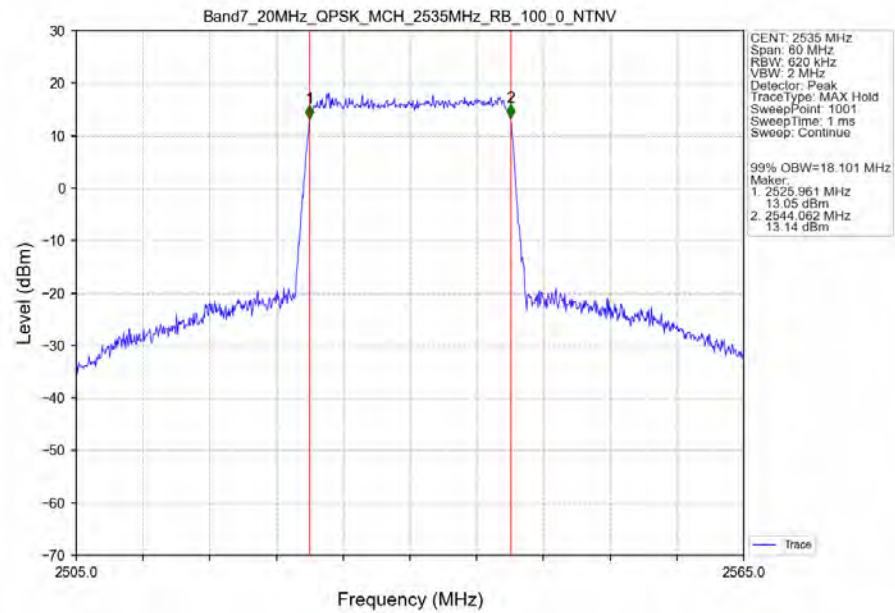
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



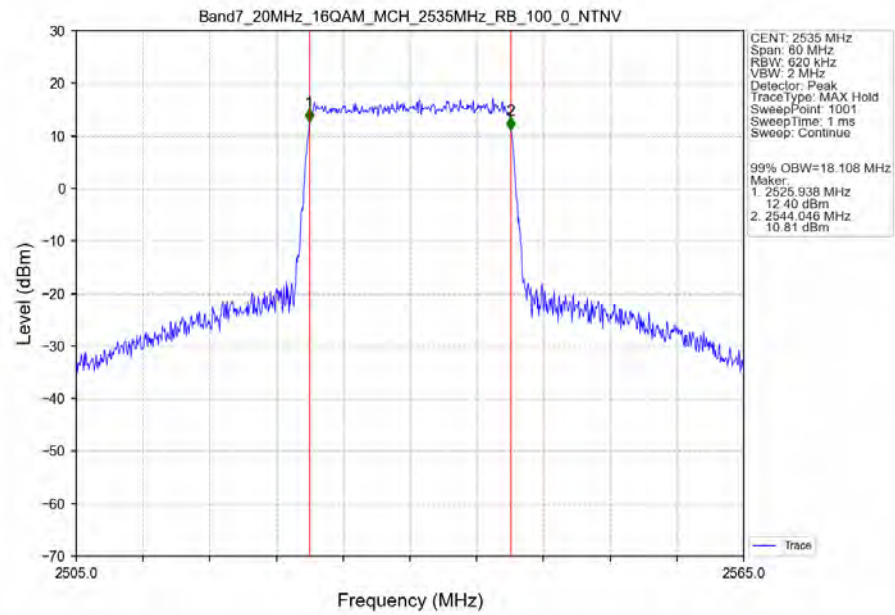
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



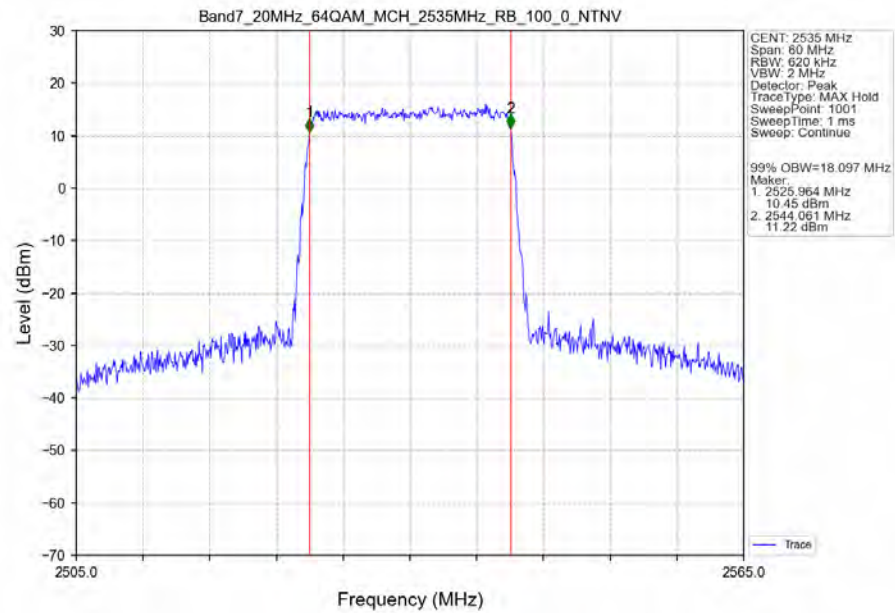
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



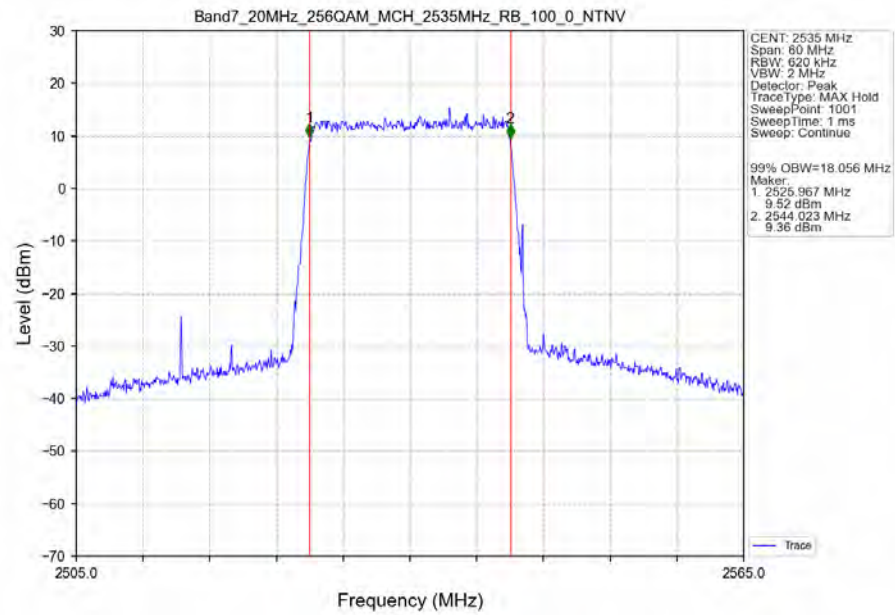
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



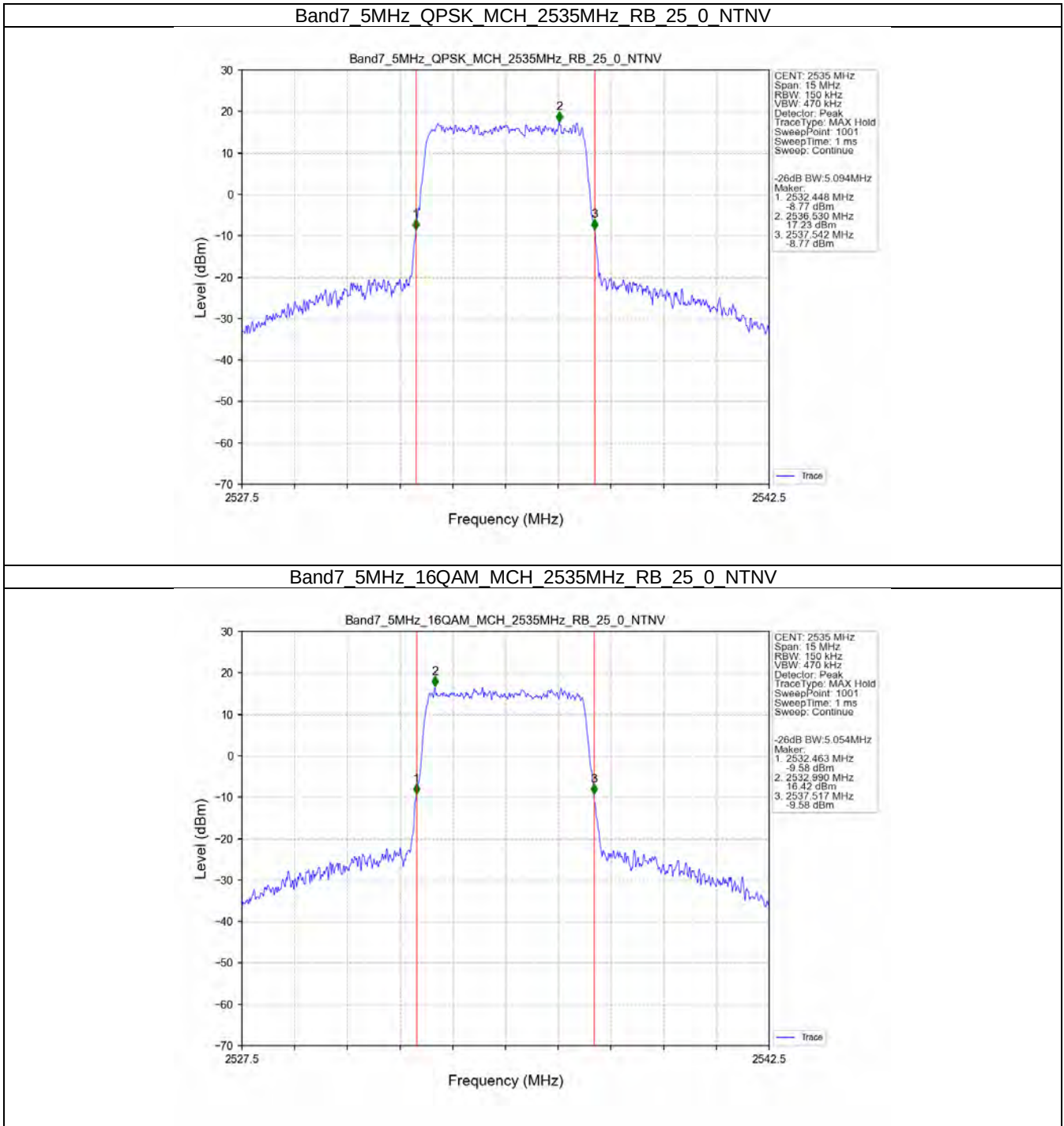
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN



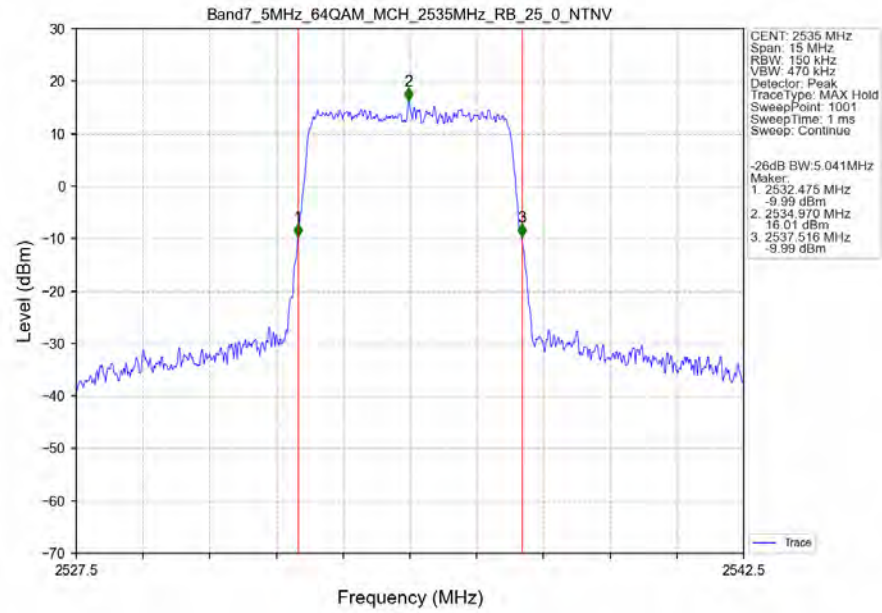
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTN



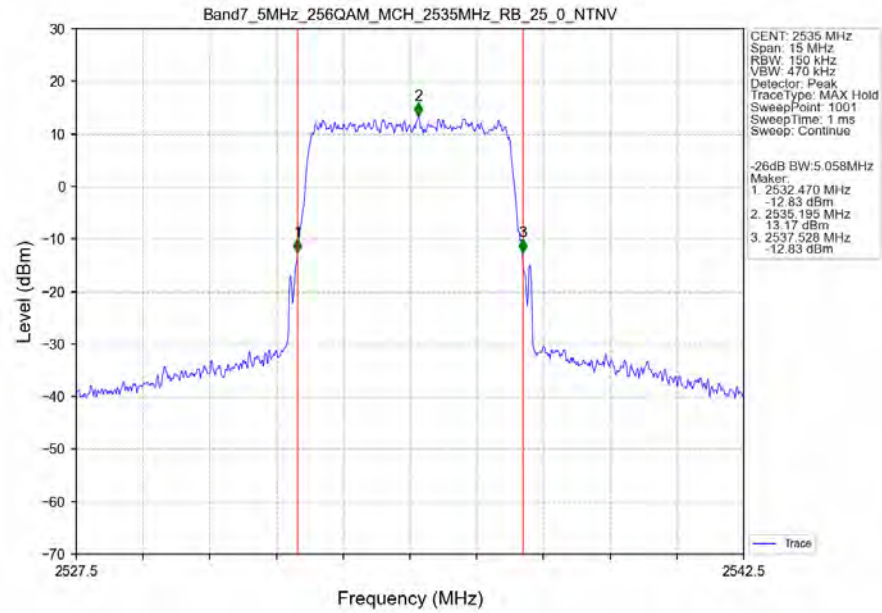
3.2.2 Band7_XDB



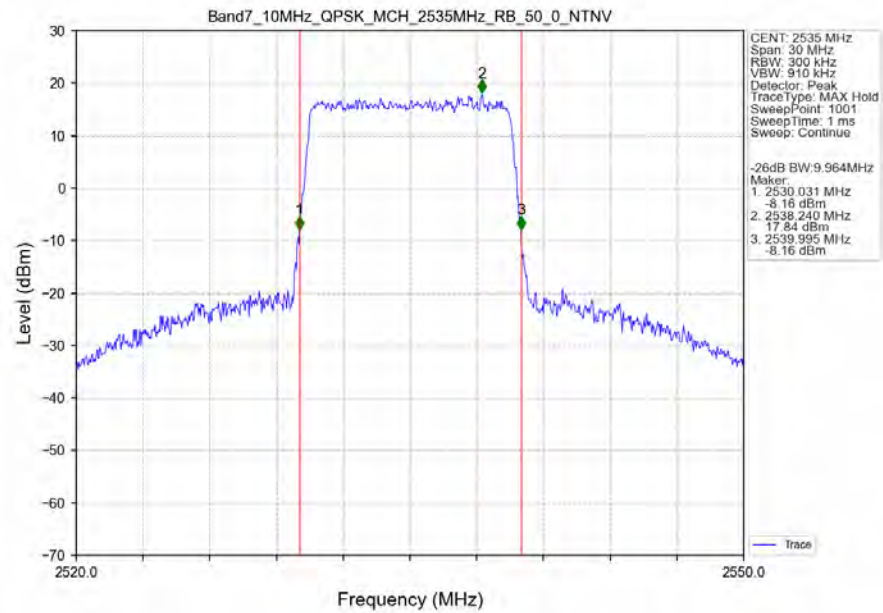
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTV



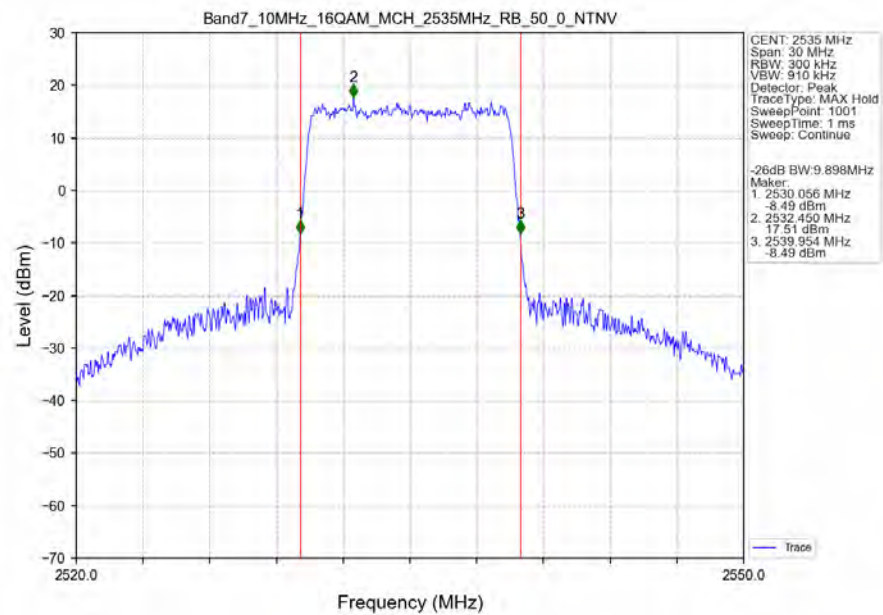
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTV



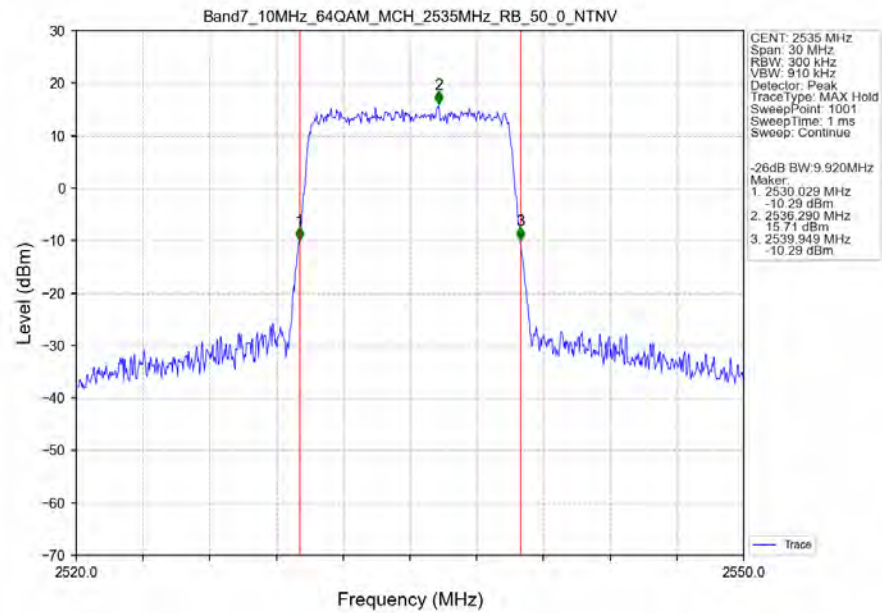
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



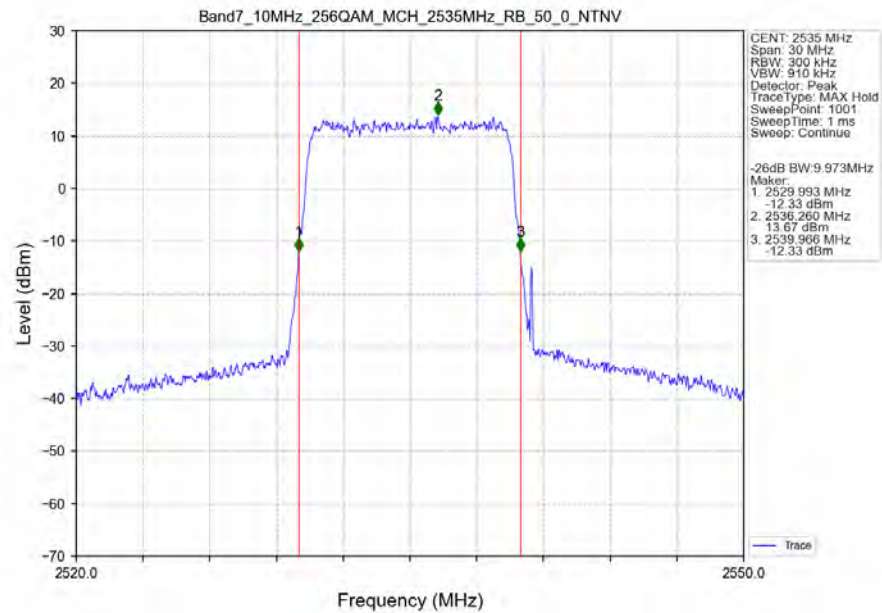
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



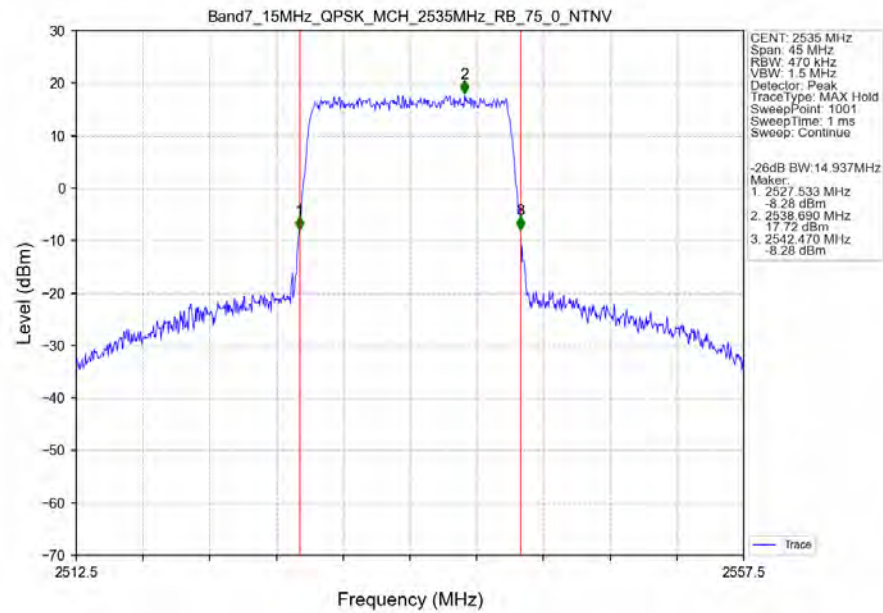
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



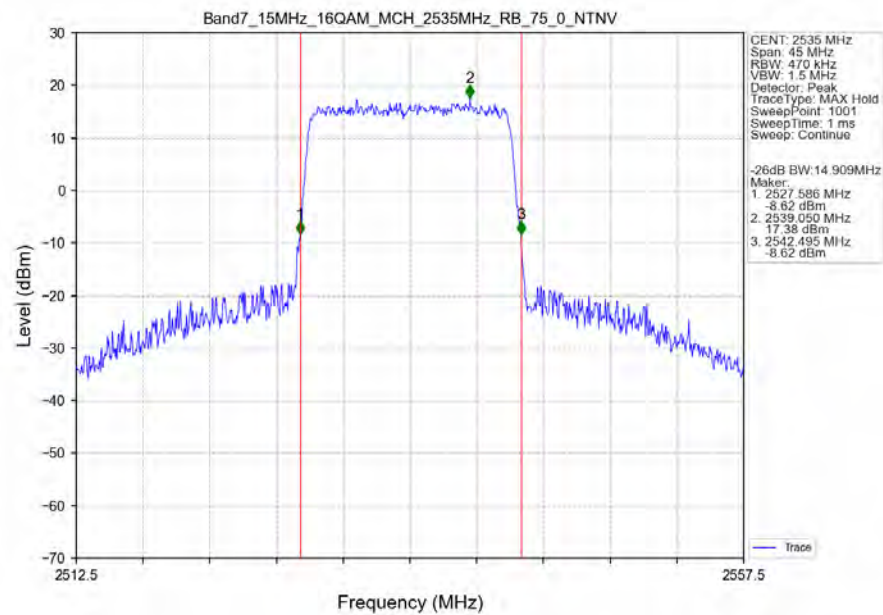
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



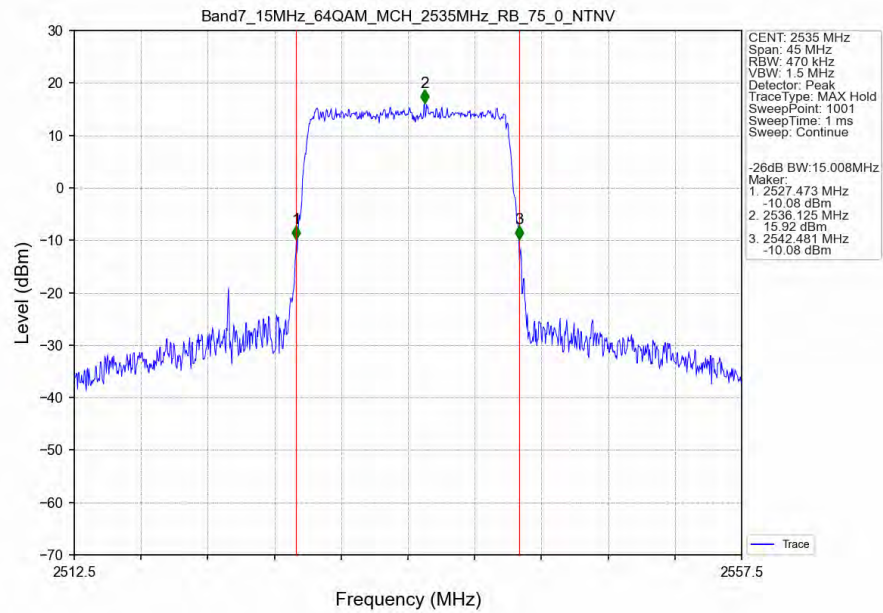
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



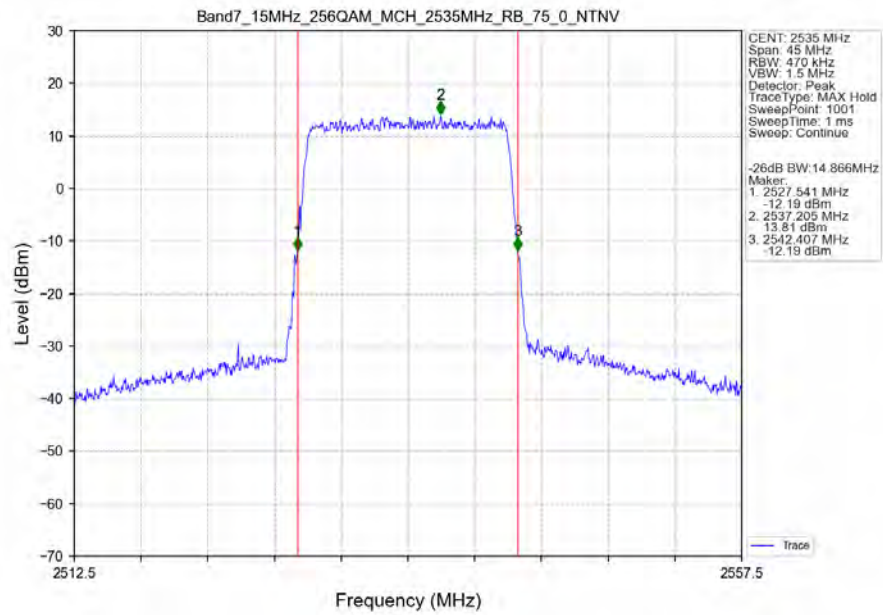
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



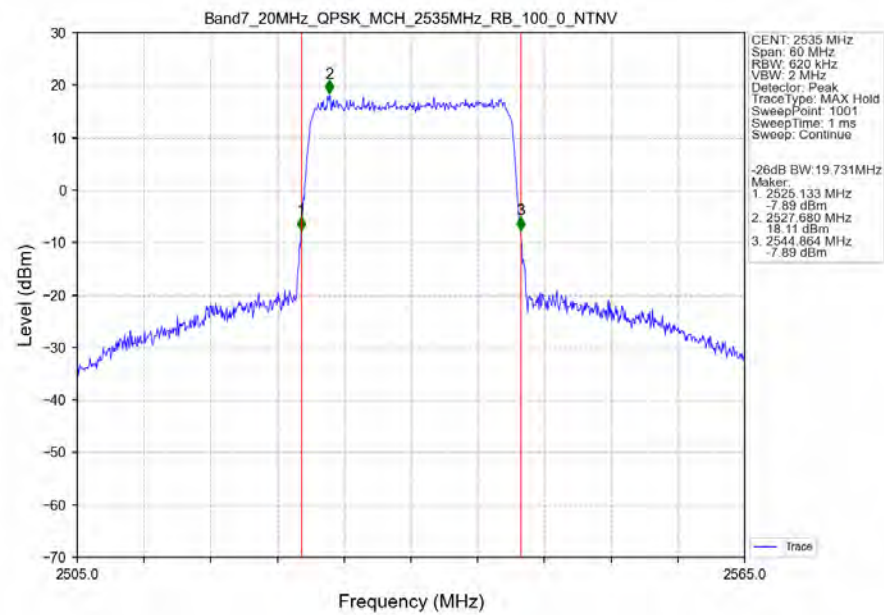
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



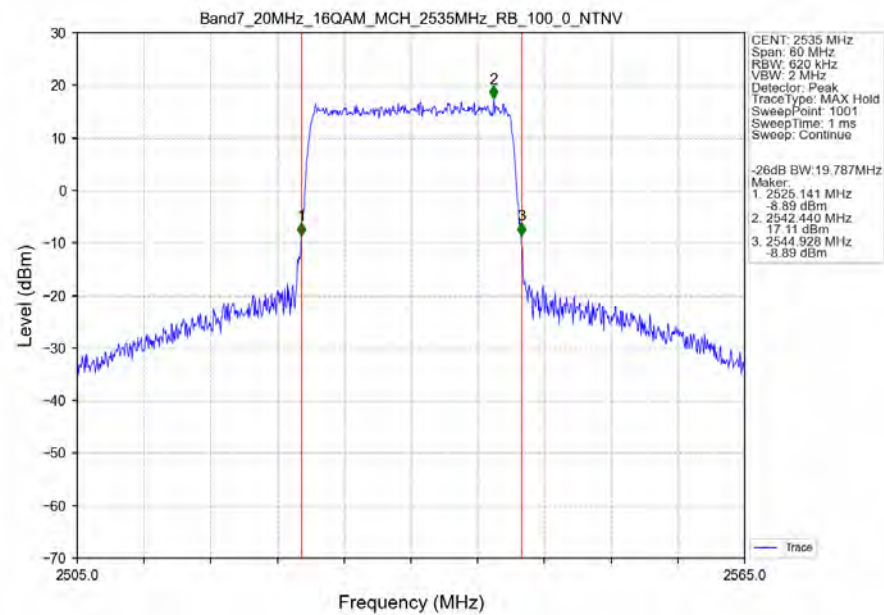
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



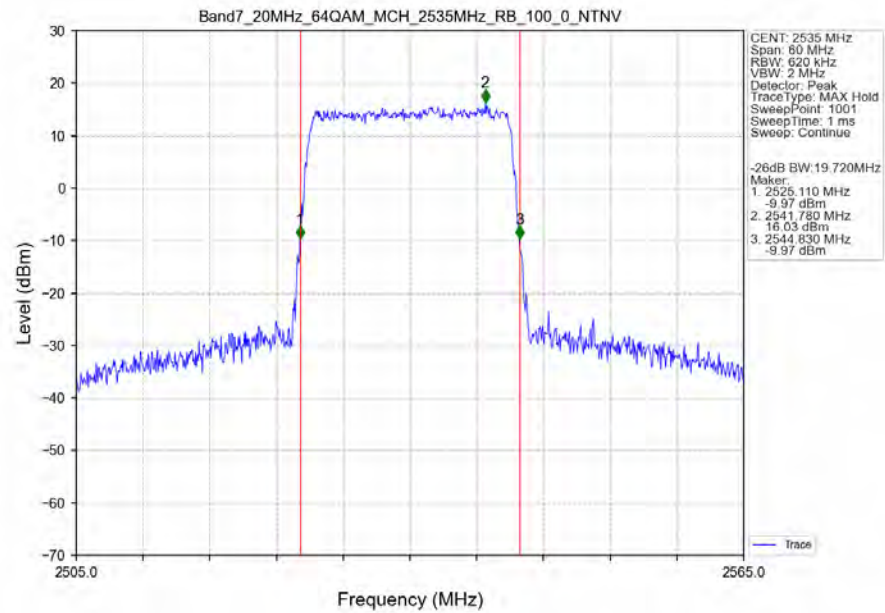
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTN



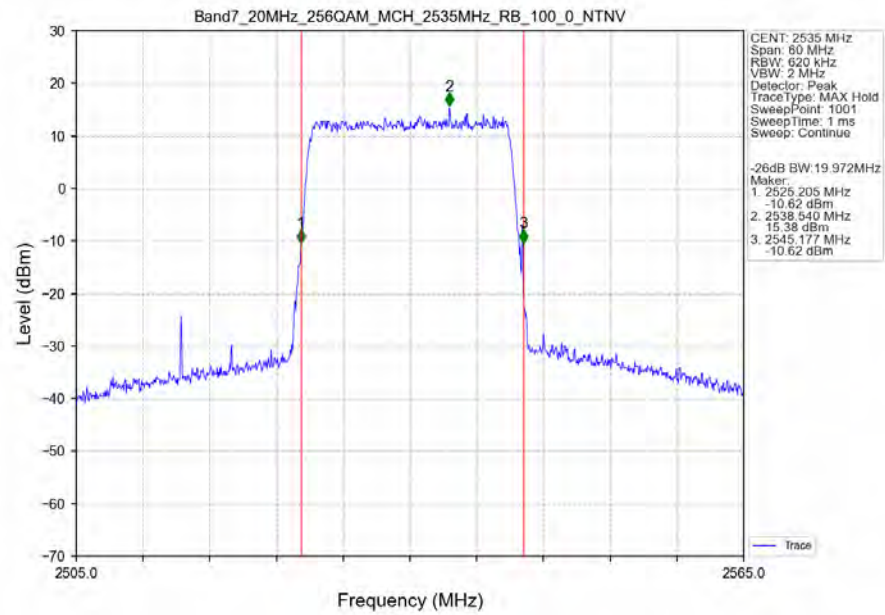
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



4. Peak-Average Ratio

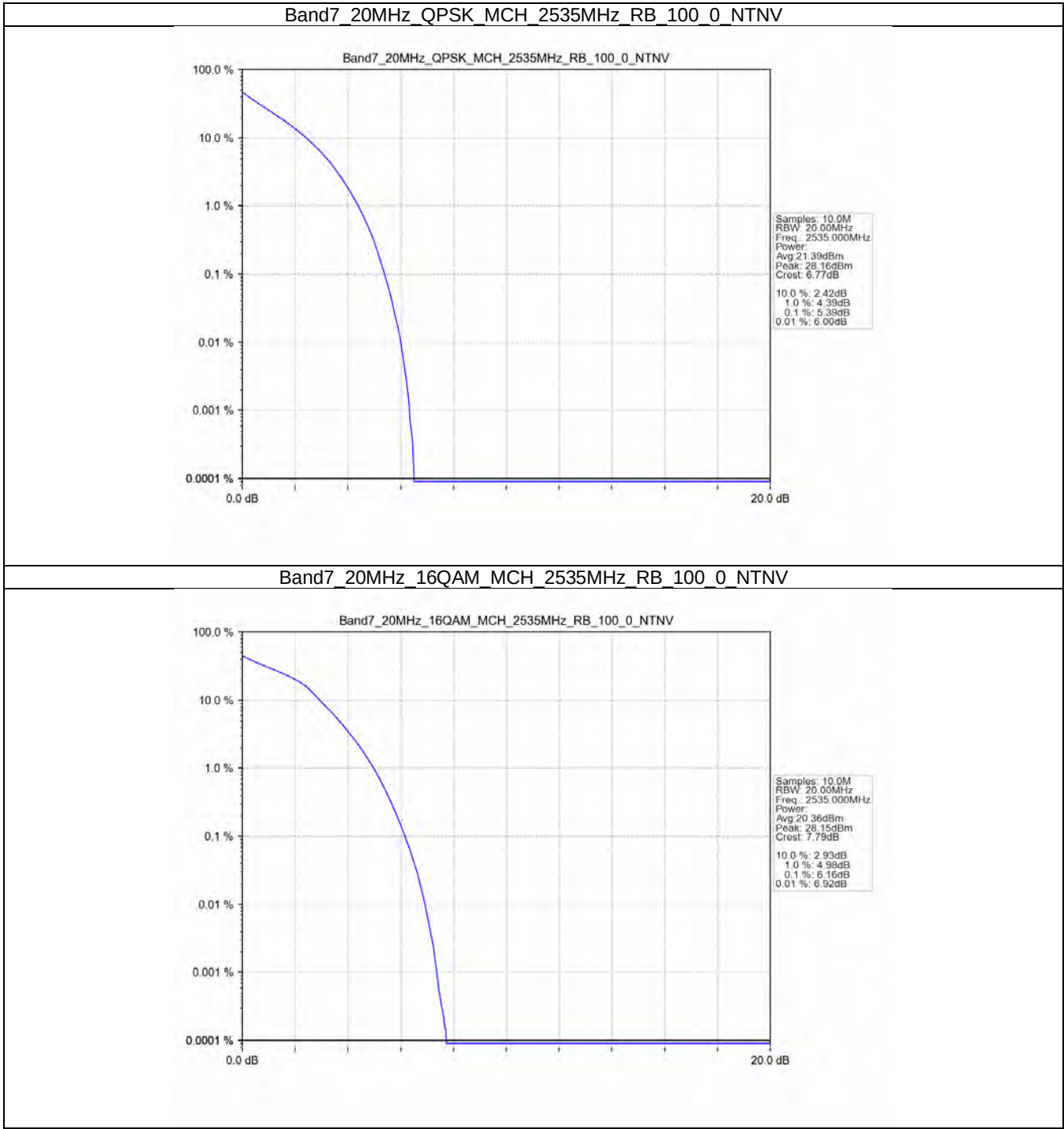
4.1 Test Result

4.1.1 B7_20MHz

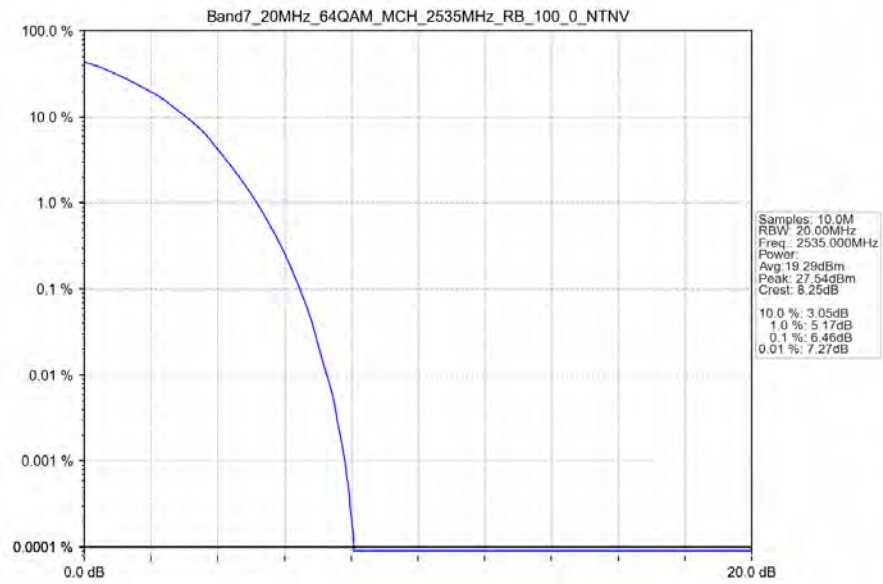
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.39	<=13	Pass
16QAM	2535	100	0	6.16	<=13	Pass
64QAM	2535	100	0	6.46	<=13	Pass
256QAM	2535	100	0	6.71	<=13	Pass

4.2 Test Graph

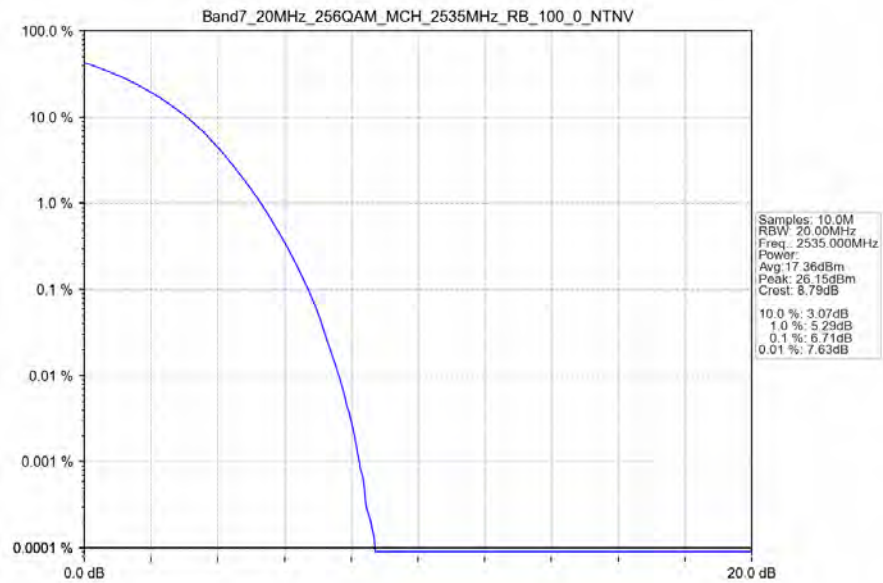
4.2.1 B7_20MHz



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

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

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTV						
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

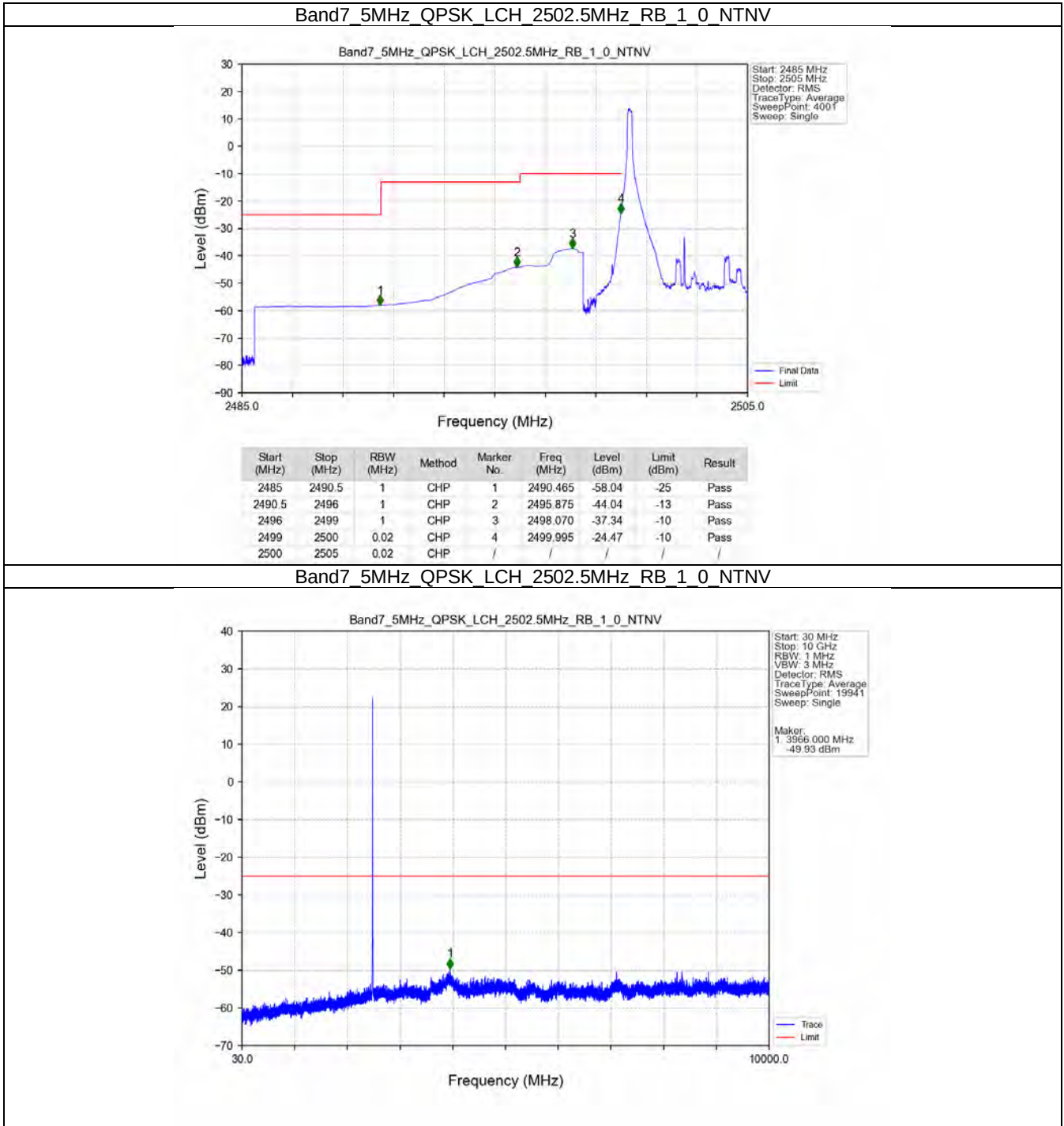
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

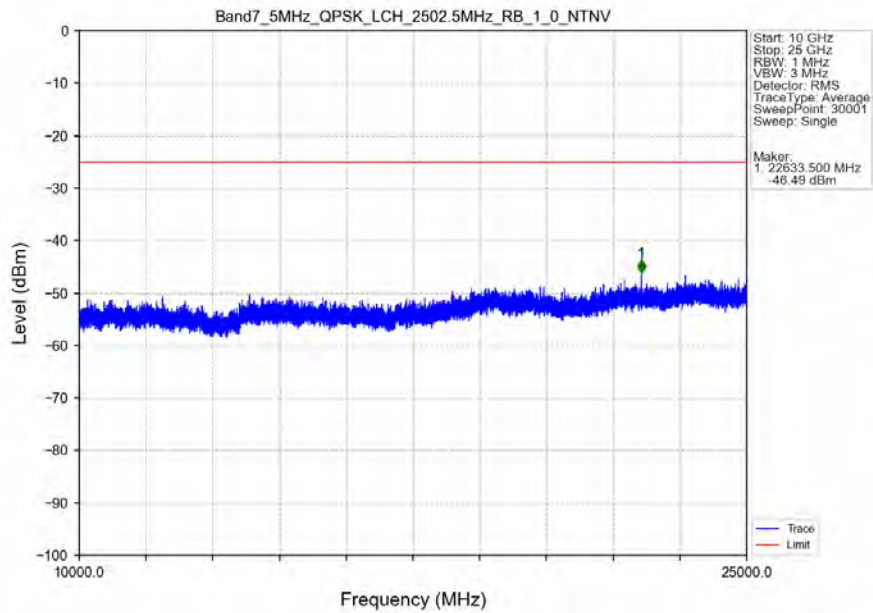
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

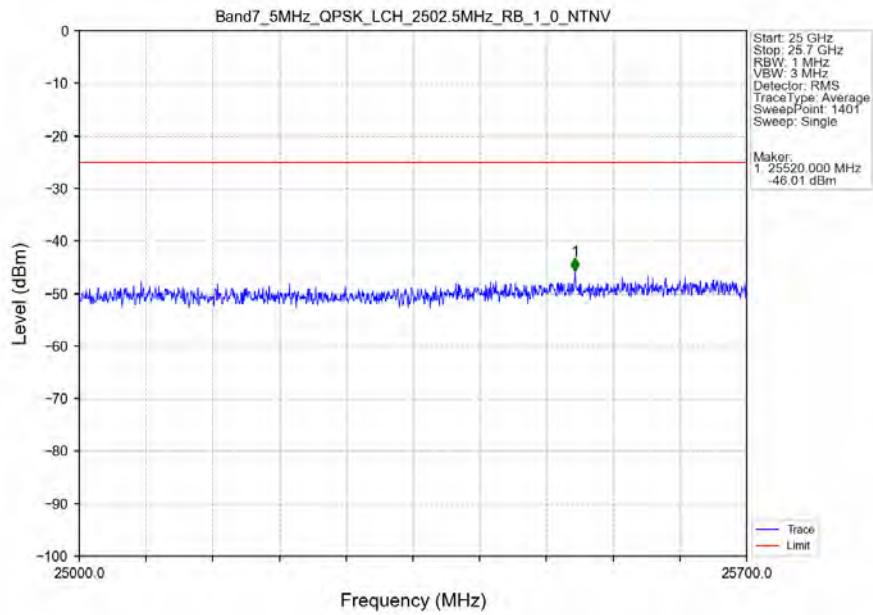
5.2.1 B7_5MHz



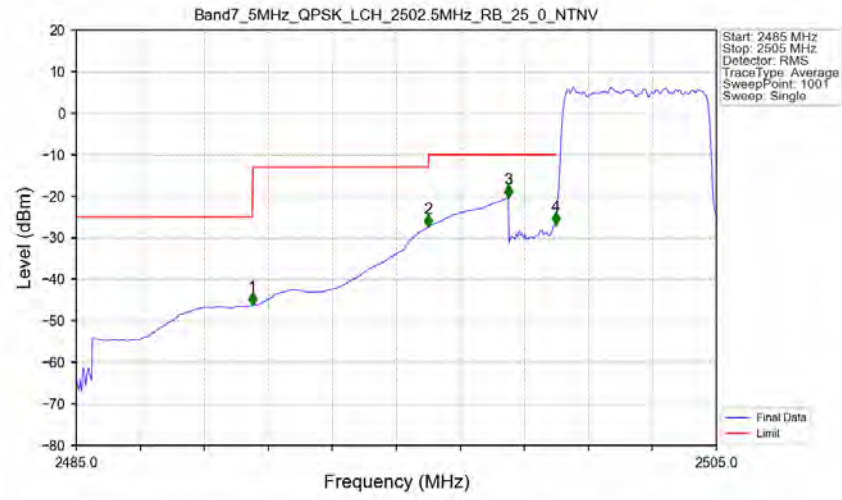
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

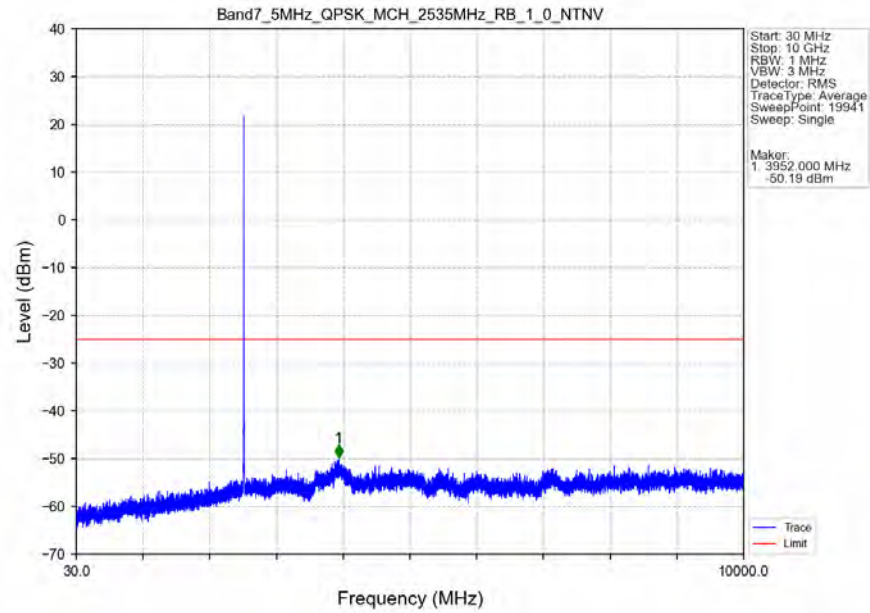


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTV

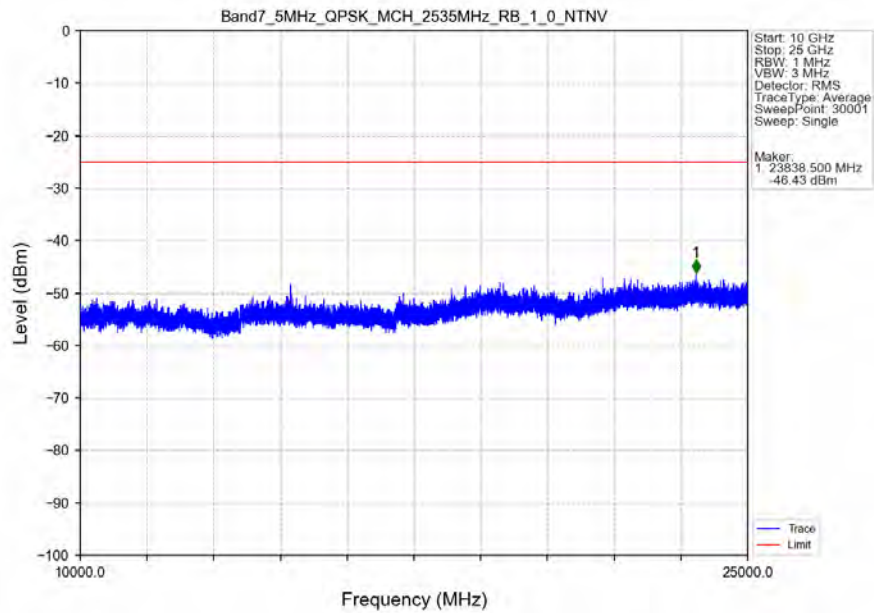


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-46.33	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-27.49	-13	Pass
2496	2499	1	CHP	3	2498.500	-20.44	-10	Pass
2499	2500	0.102	CHP	4	2499.980	-26.91	-10	Pass
2500	2505	0.102	CHP	/	/	/	/	/

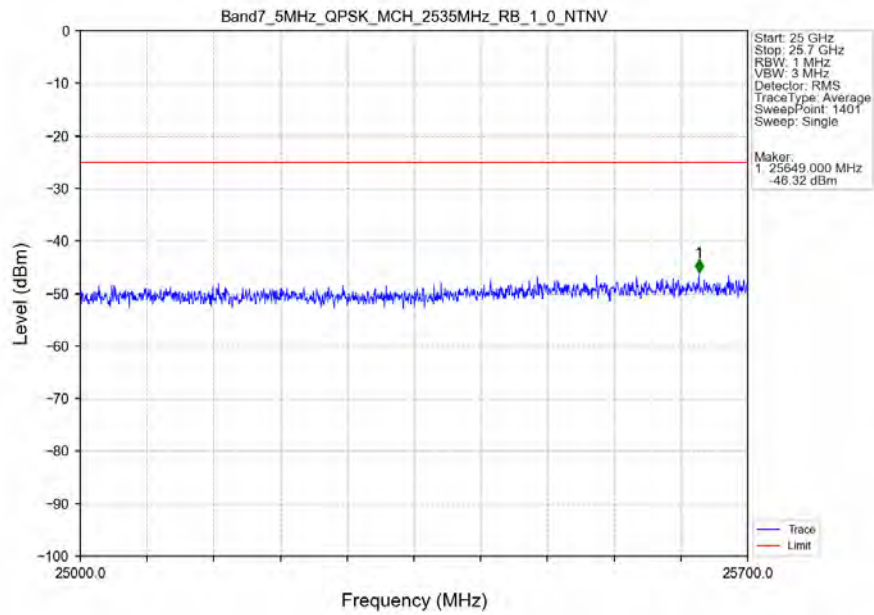
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



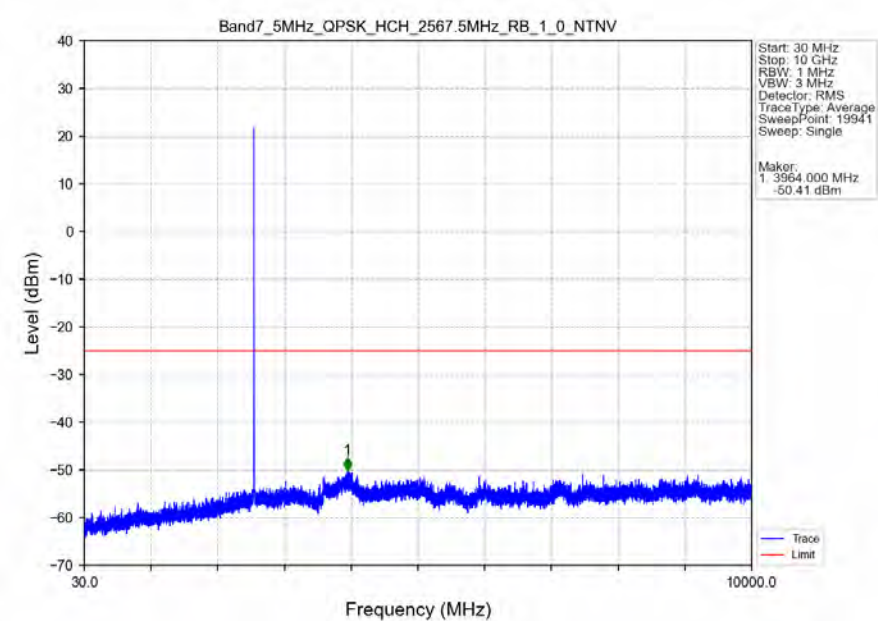
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



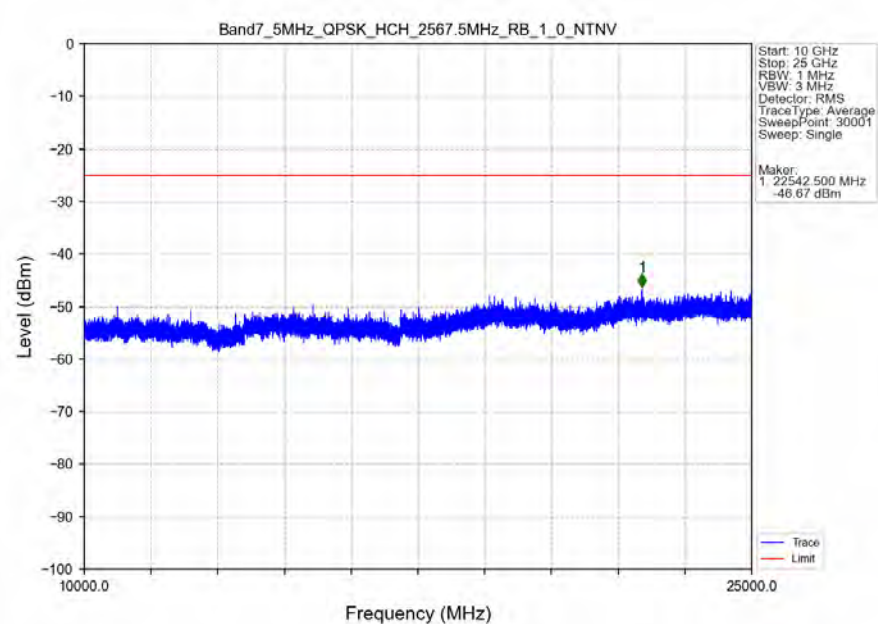
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



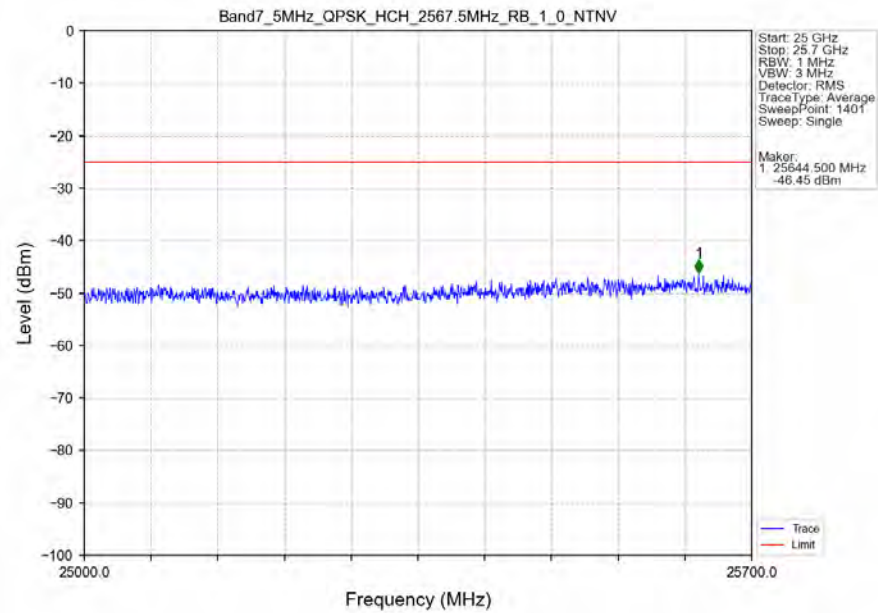
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



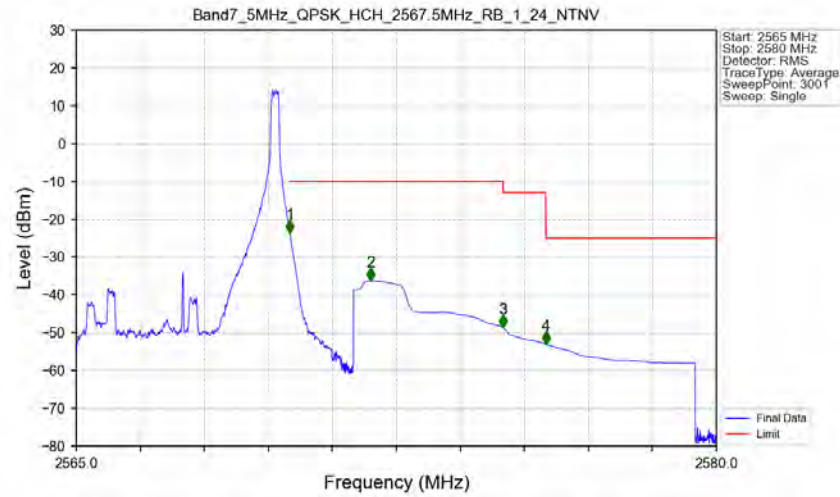
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

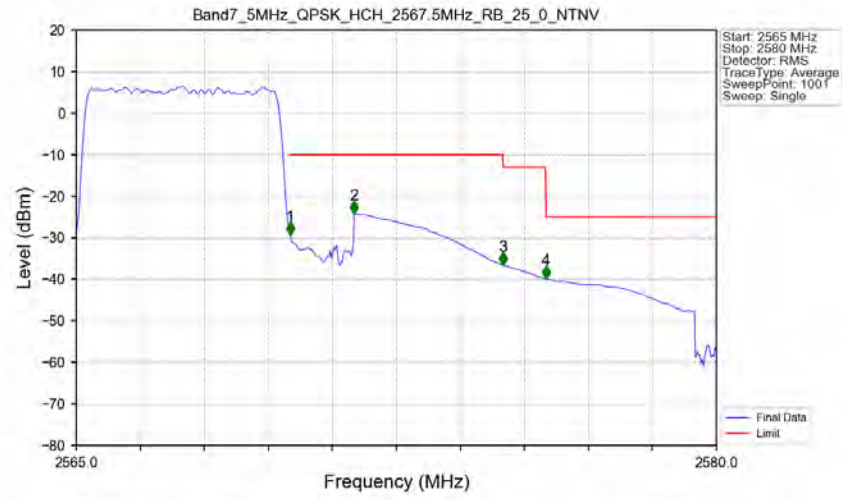


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24 NTN



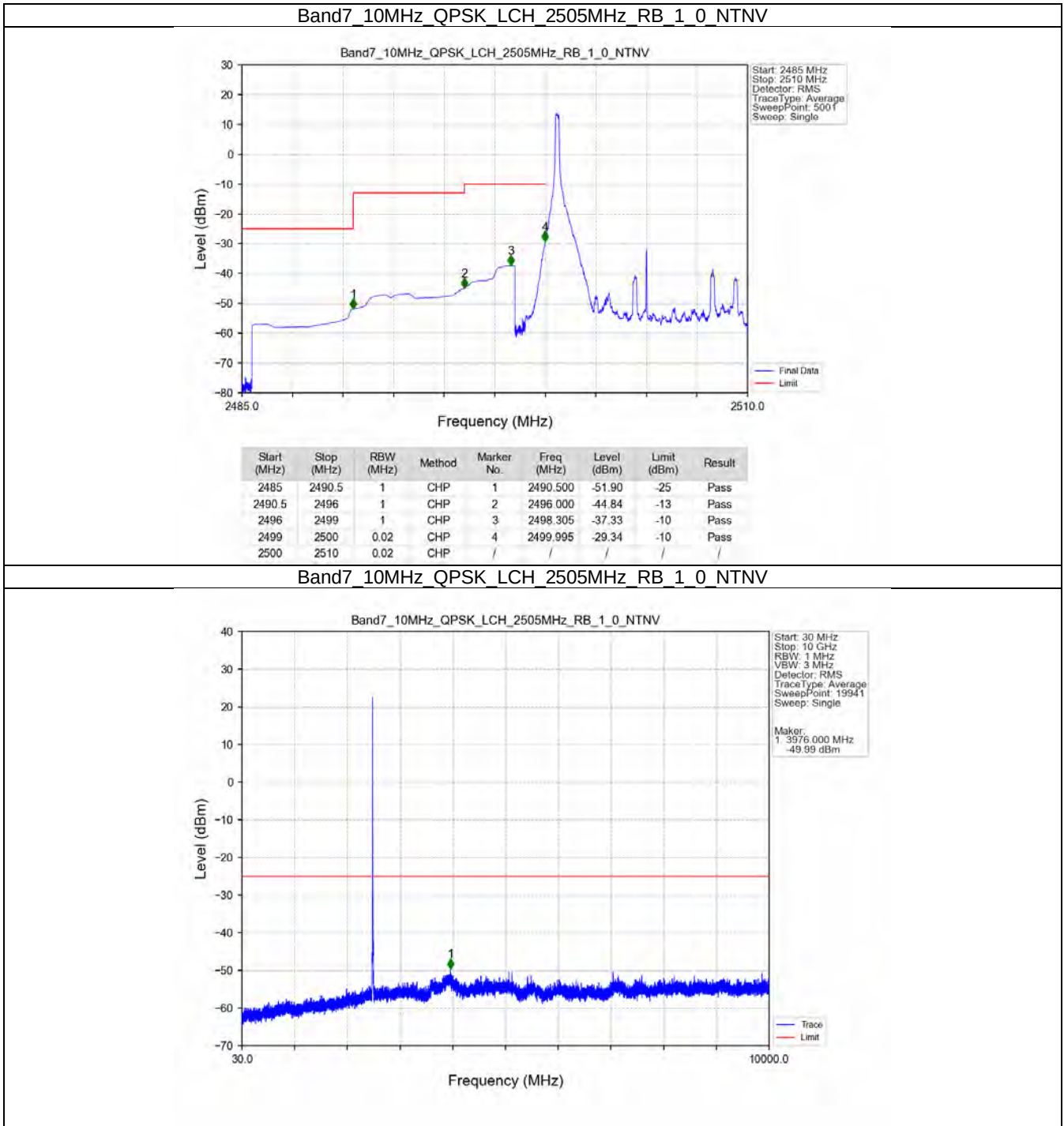
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-23.58	-10	Pass
2571	2575	1	CHP	2	2571.905	-36.26	-10	Pass
2575	2576	1	CHP	3	2575.005	-48.74	-13	Pass
2576	2580	1	CHP	4	2576.005	-53.05	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

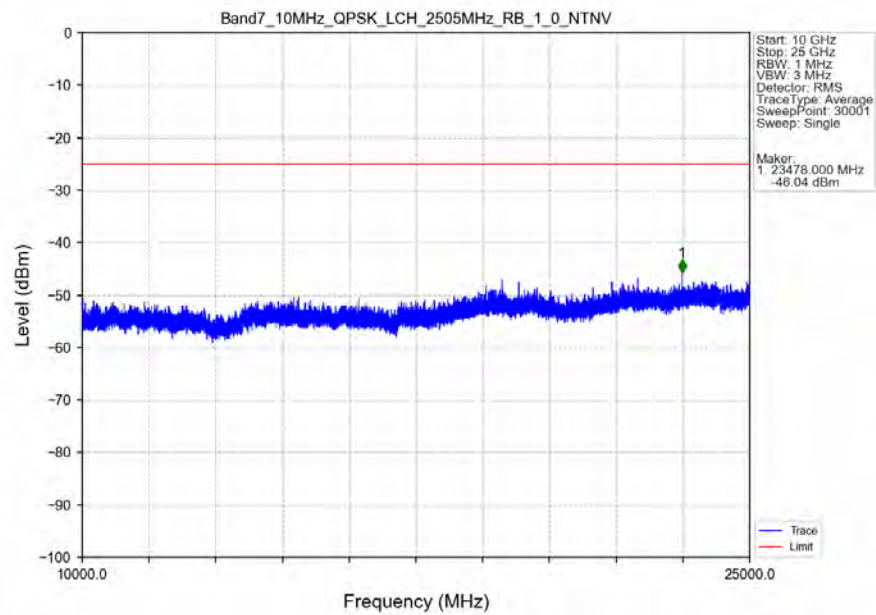


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.102	CHP	/	/	/	/	/
2570	2571	0.102	CHP	1	2570.010	-29.26	-10	Pass
2571	2575	1	CHP	2	2571.510	-24.23	-10	Pass
2575	2576	1	CHP	3	2575.005	-36.61	-13	Pass
2576	2580	1	CHP	4	2576.010	-39.87	-25	Pass

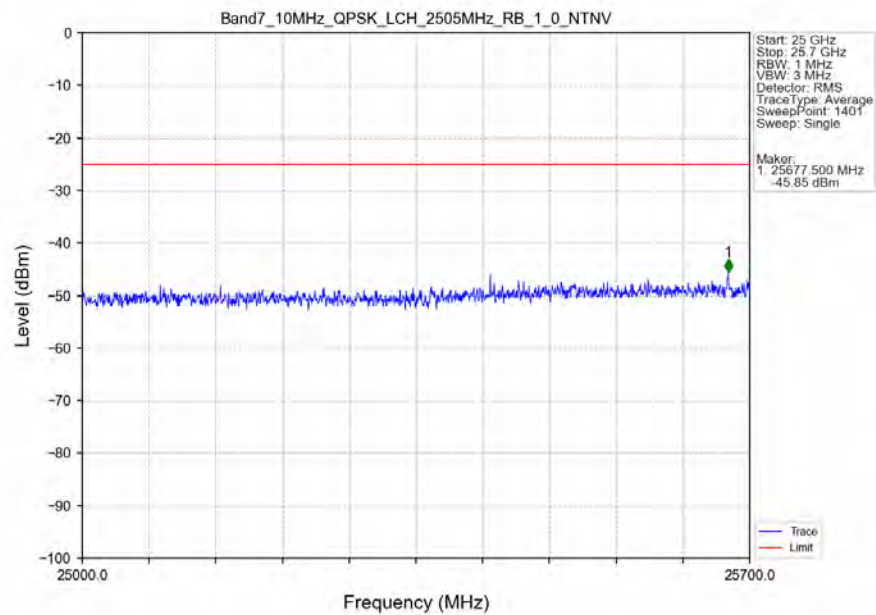
5.2.2 B7_10MHz



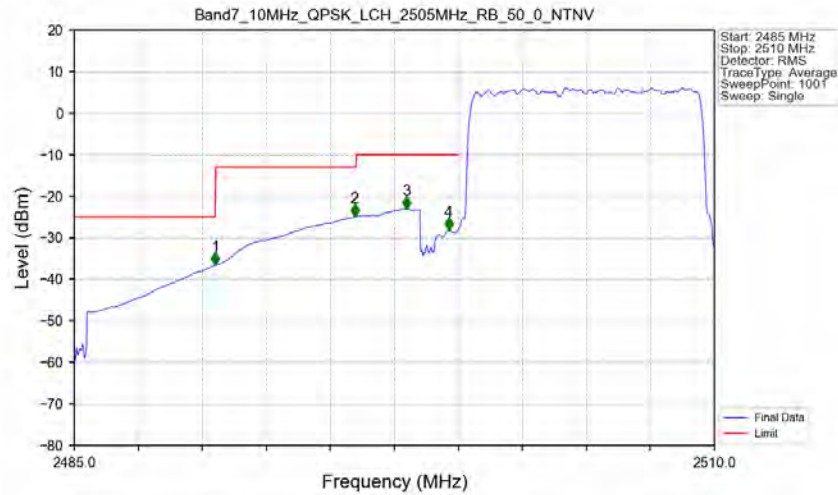
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

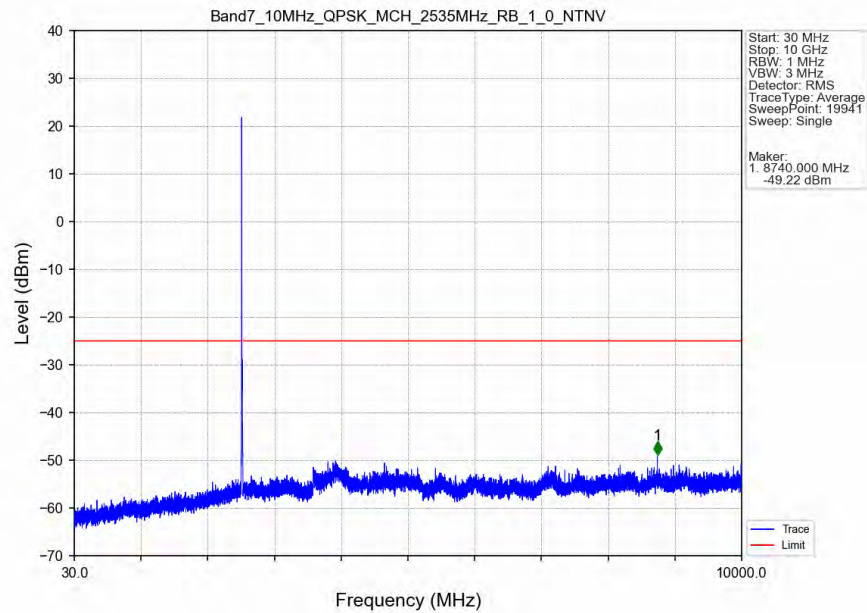


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV

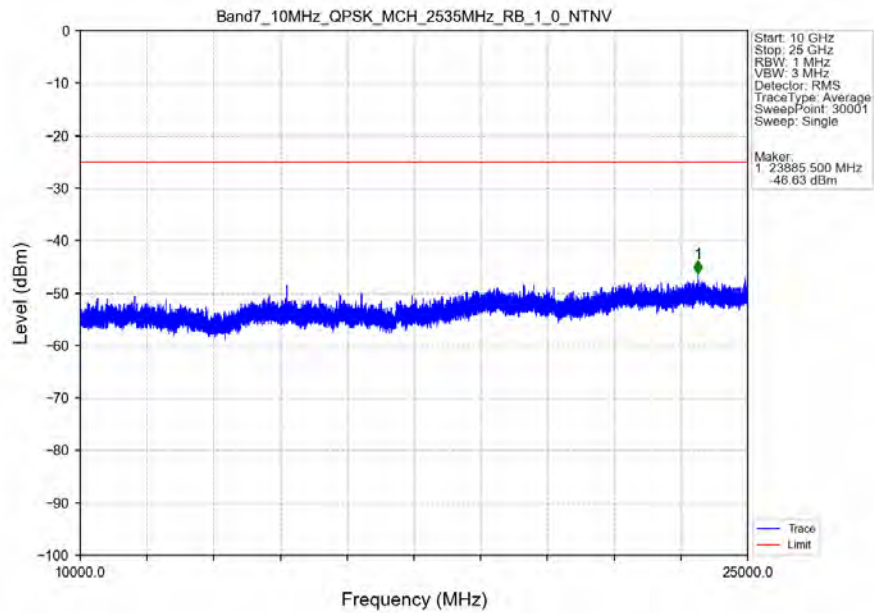


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-36.52	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-24.89	-13	Pass
2496	2499	1	CHP	3	2497.975	-23.08	-10	Pass
2499	2500	0.199	CHP	4	2499.625	-28.28	-10	Pass
2500	2510	0.199	CHP	/	/	/	/	/

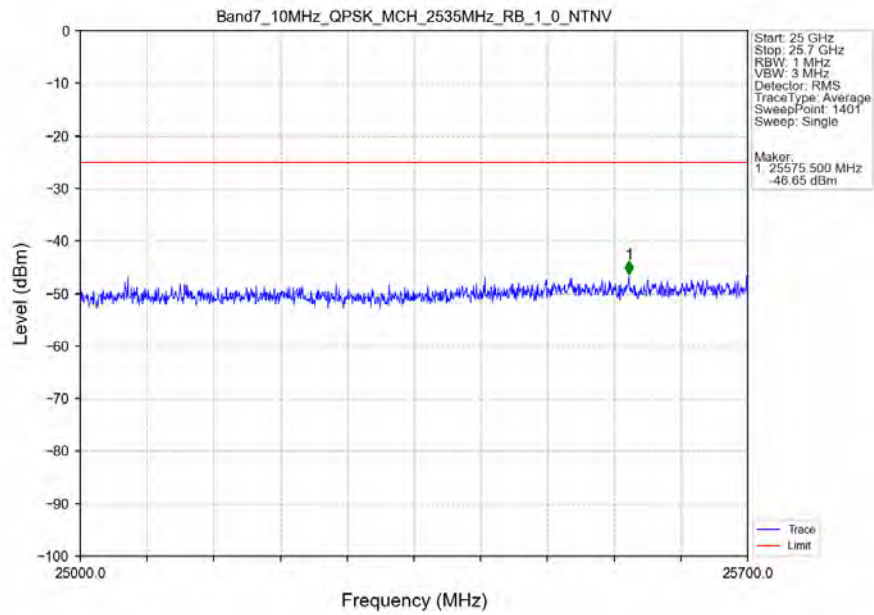
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



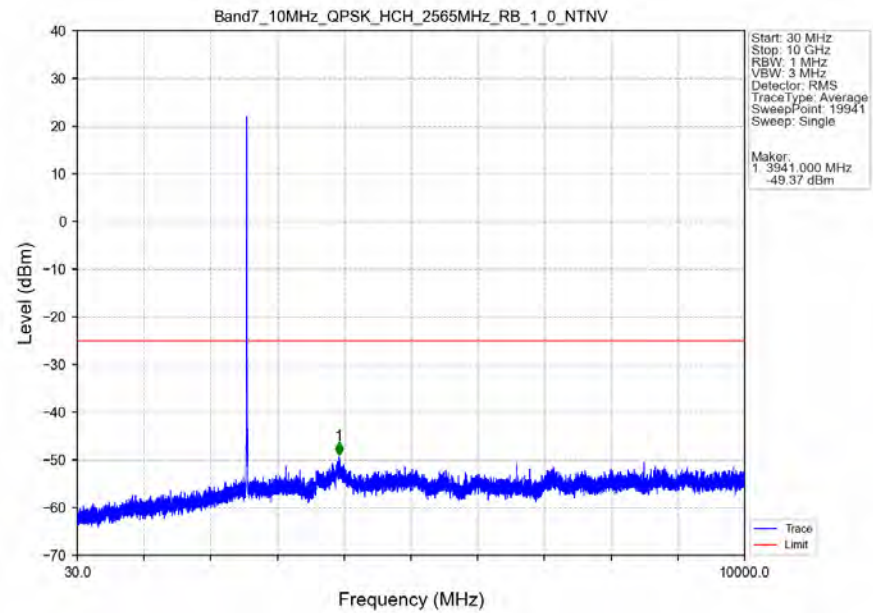
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



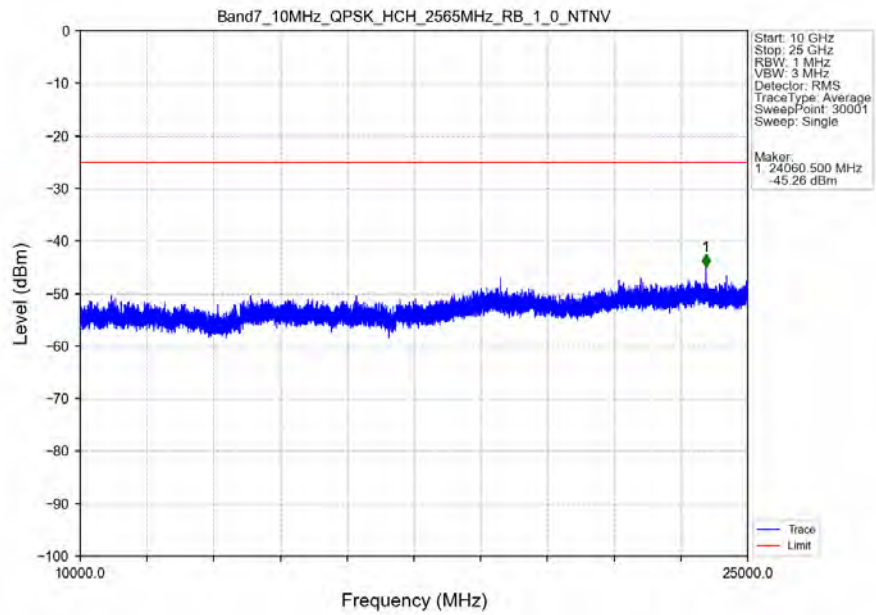
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



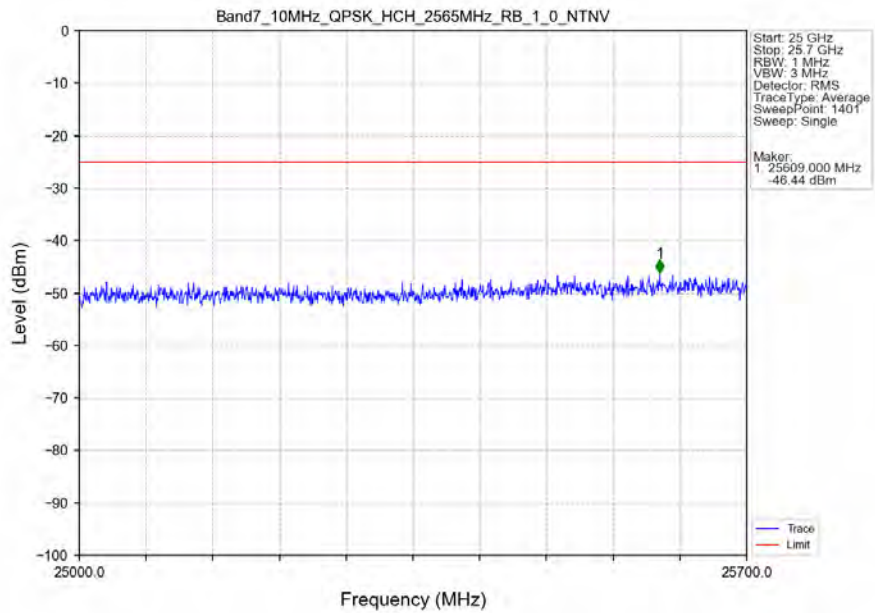
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



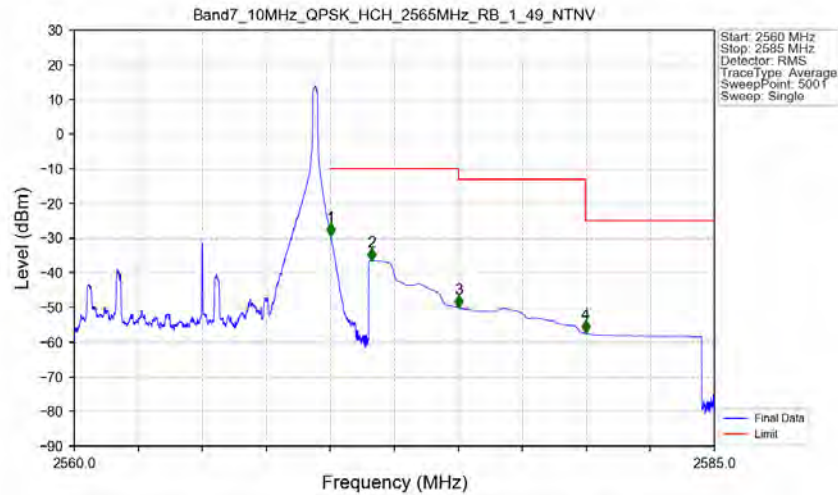
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

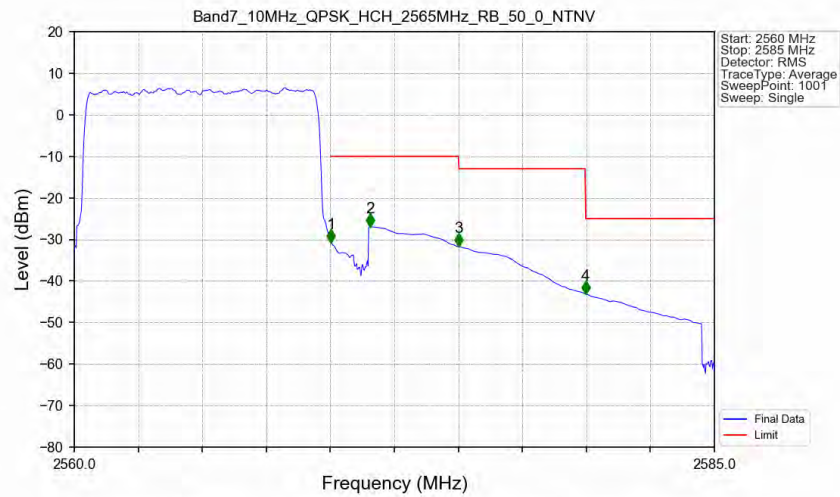


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



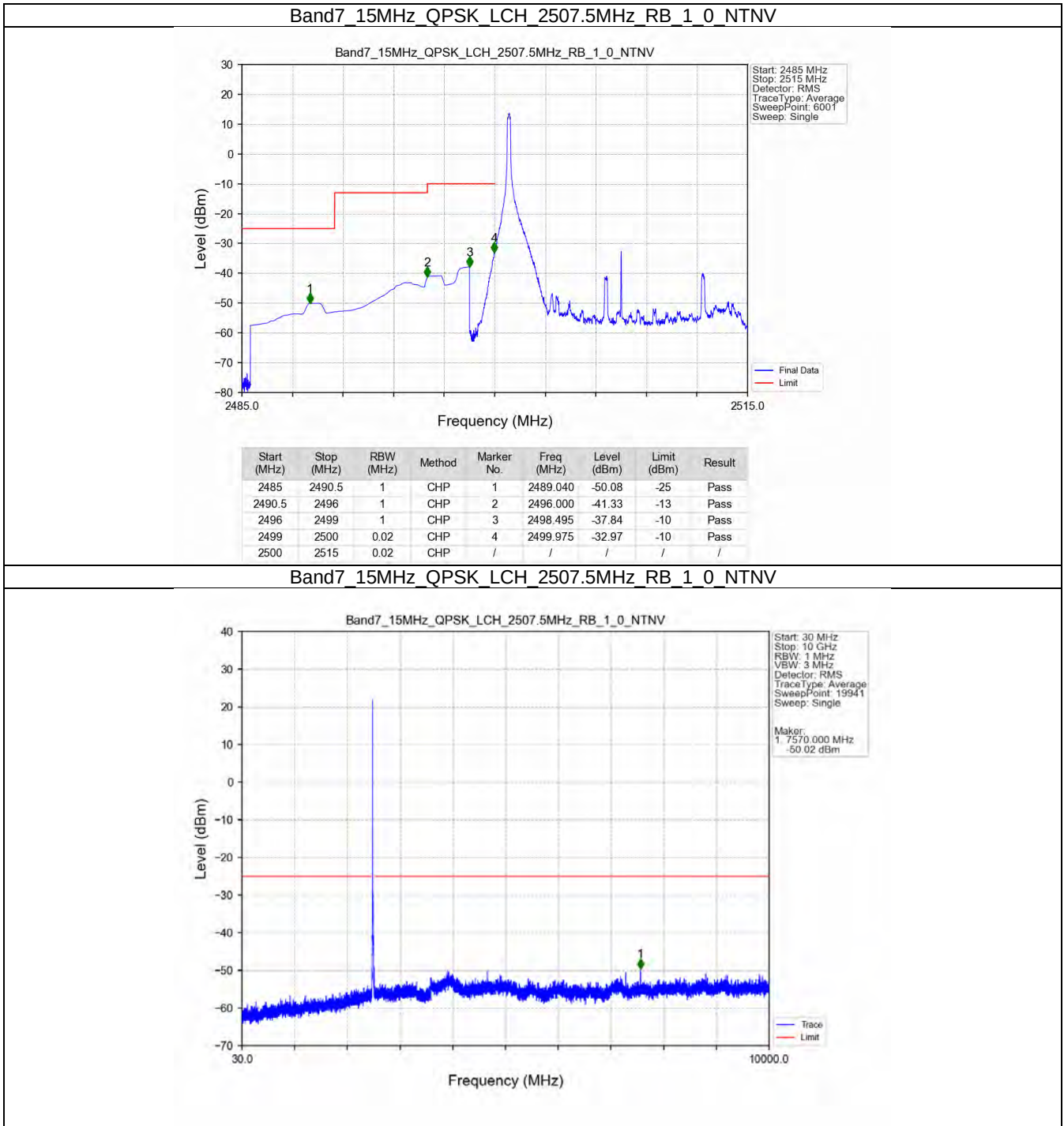
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.32	-10	Pass
2571	2575	1	CHP	2	2571.625	-36.52	-10	Pass
2575	2579.964	1	CHP	3	2575.015	-50.10	-13	Pass
2579.964	2585	1	CHP	4	2579.970	-57.44	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

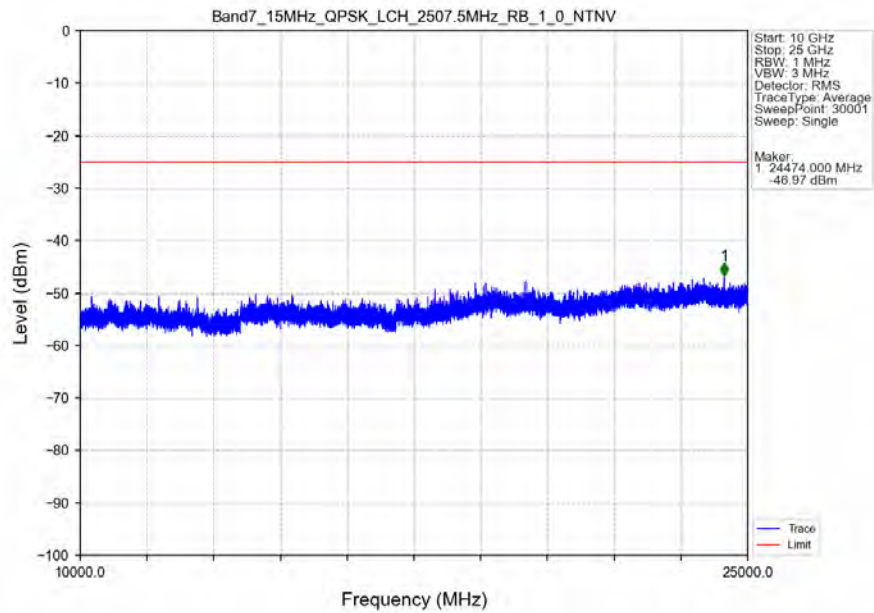


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.199	CHP	/	/	/	/	/
2570	2571	0.199	CHP	1	2570.025	-30.84	-10	Pass
2571	2575	1	CHP	2	2571.550	-26.95	-10	Pass
2575	2579.964	1	CHP	3	2575.025	-31.74	-13	Pass
2579.964	2585	1	CHP	4	2579.975	-43.18	-25	Pass

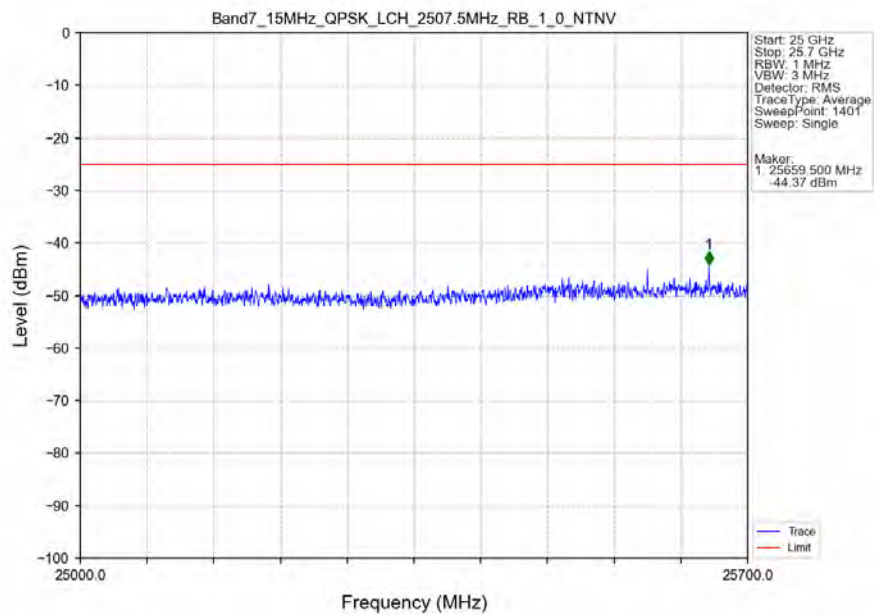
5.2.3 B7_15MHz



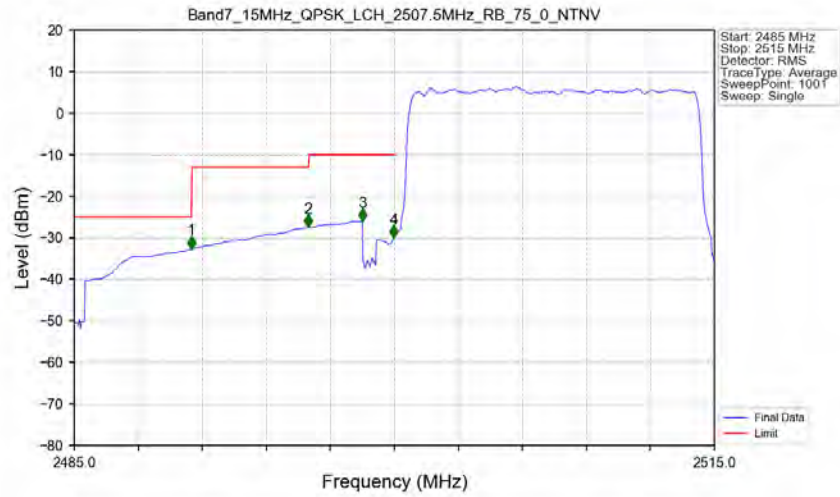
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

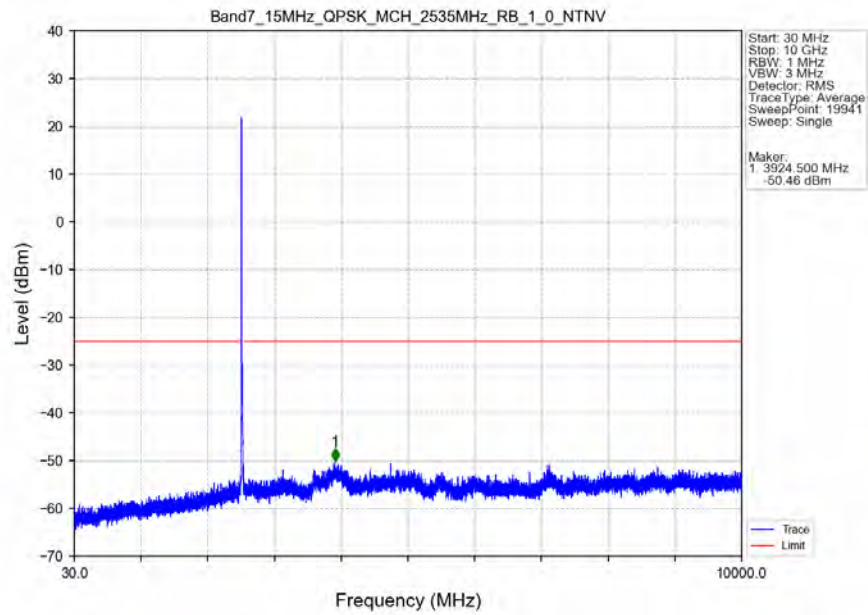


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTV

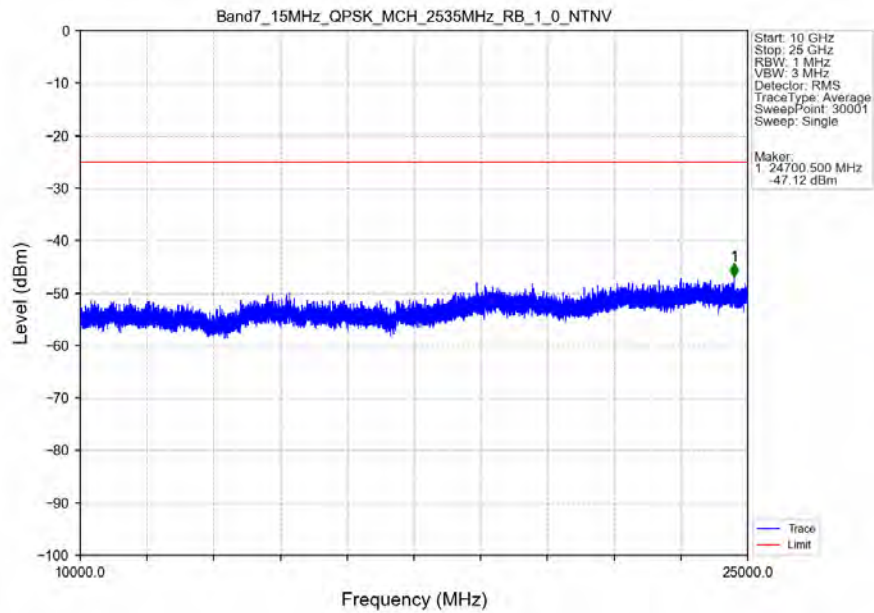


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-32.68	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-27.56	-13	Pass
2496	2499	1	CHP	3	2498.500	-26.08	-10	Pass
2499	2500	0.299	CHP	4	2499.970	-30.12	-10	Pass
2500	2515	0.299	CHP	/	/	/	/	/

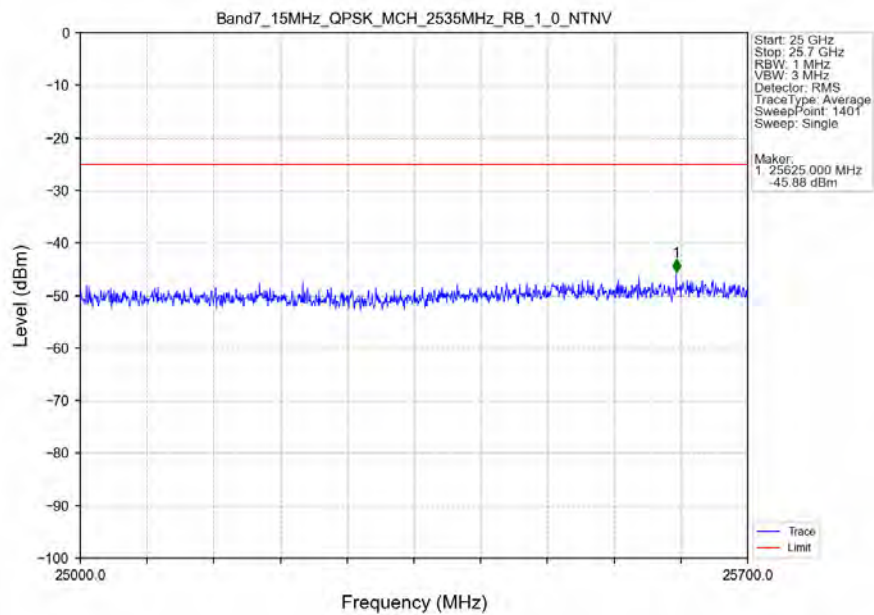
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTV



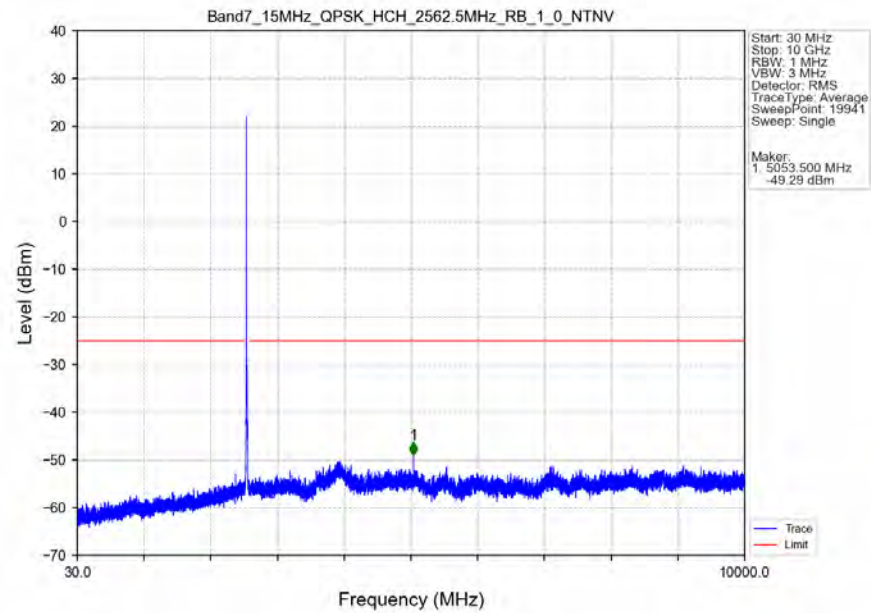
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



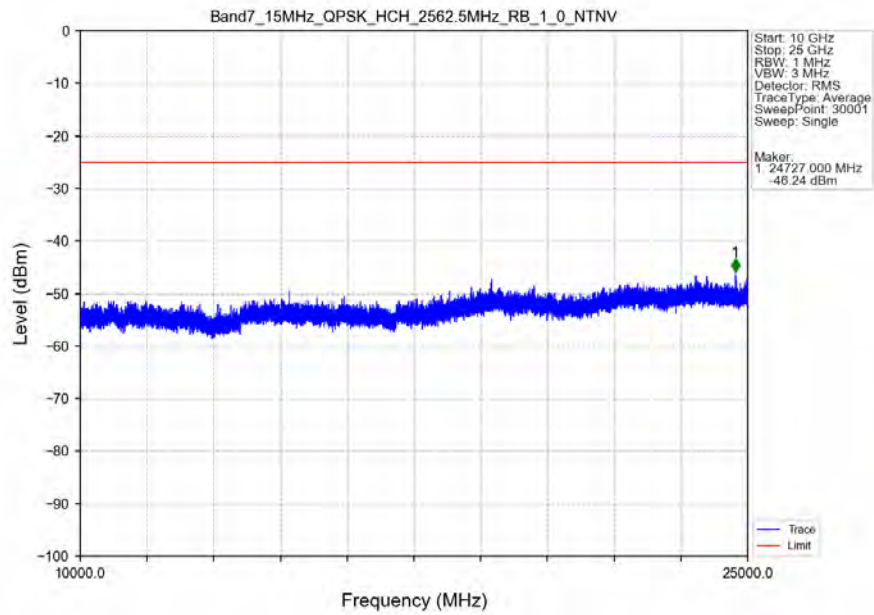
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



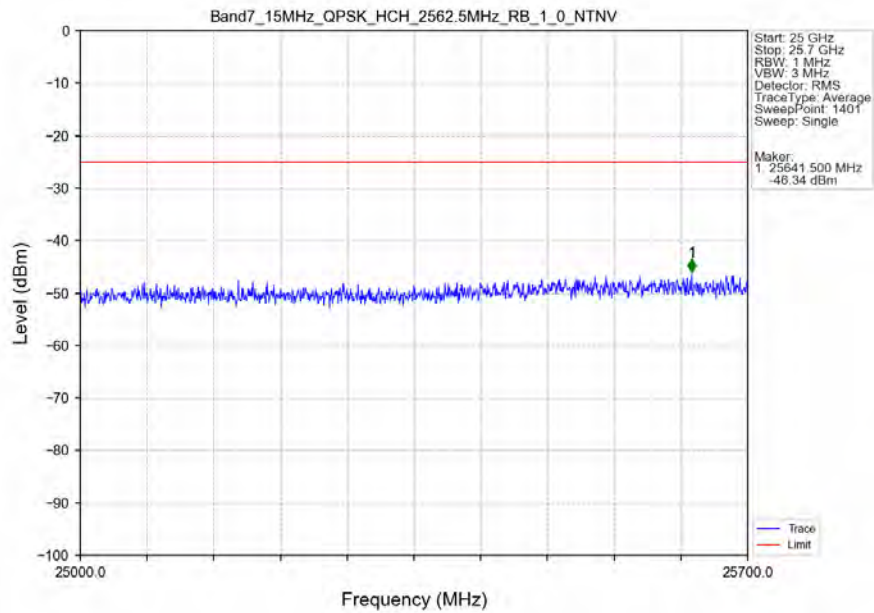
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



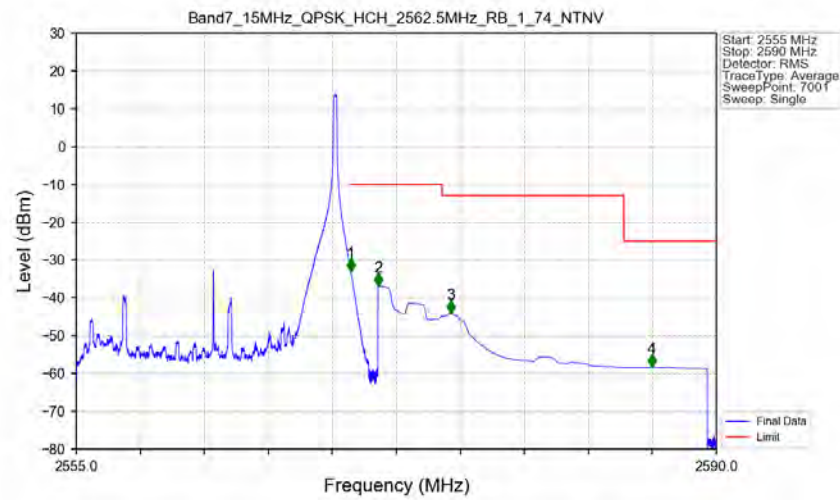
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

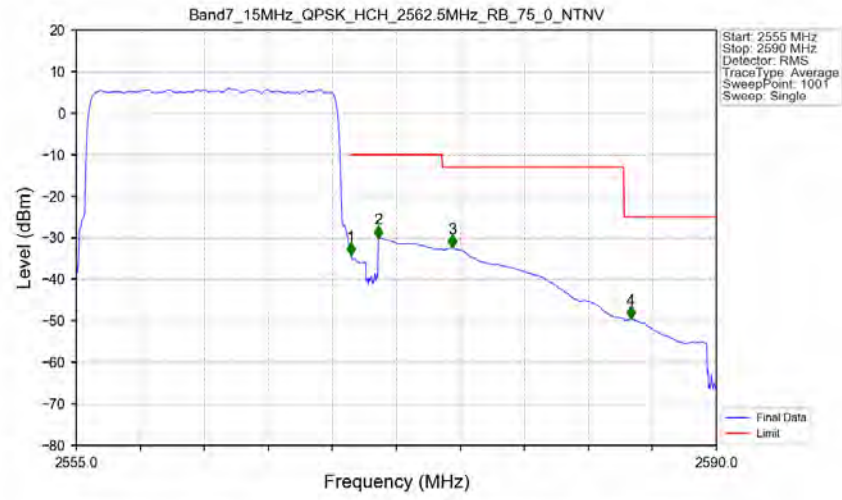


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



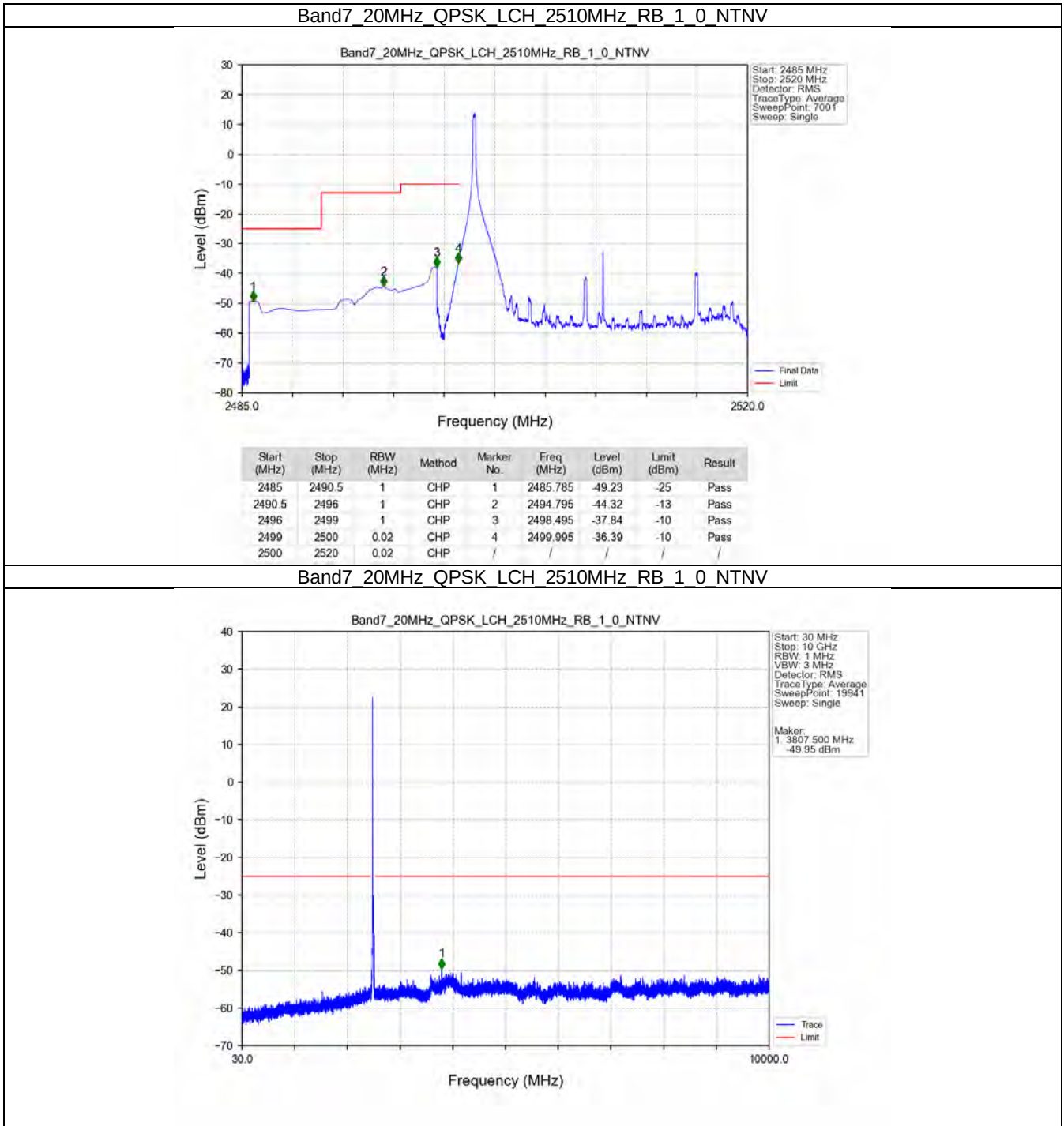
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-33.02	-10	Pass
2571	2575	1	CHP	2	2571.500	-36.88	-10	Pass
2575	2584.937	1	CHP	3	2575.460	-44.10	-13	Pass
2584.937	2590	1	CHP	4	2586.480	-58.35	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

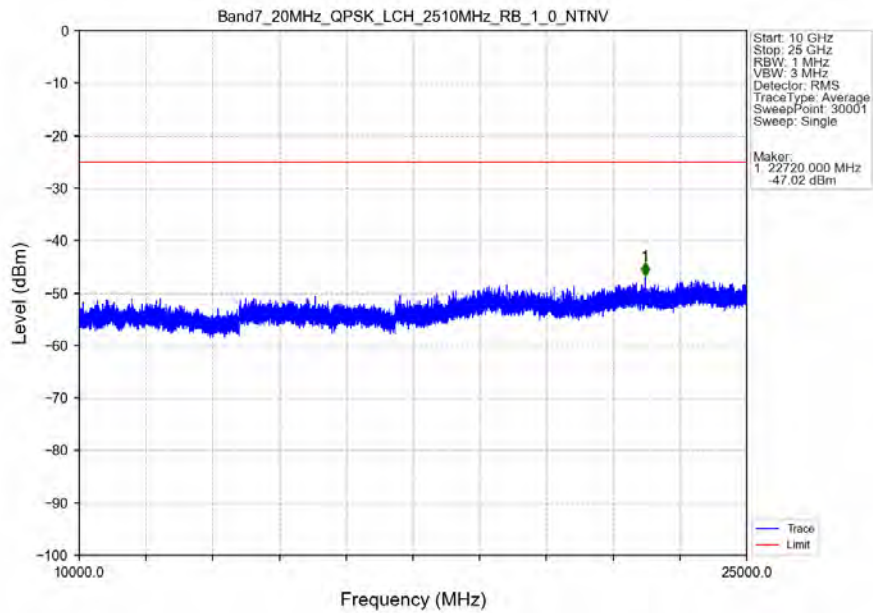


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.299	CHP	/	/	/	/	/
2570	2571	0.299	CHP	1	2570.015	-34.28	-10	Pass
2571	2575	1	CHP	2	2571.520	-30.13	-10	Pass
2575	2584.937	1	CHP	3	2575.545	-32.49	-13	Pass
2584.937	2590	1	CHP	4	2585.310	-49.56	-25	Pass

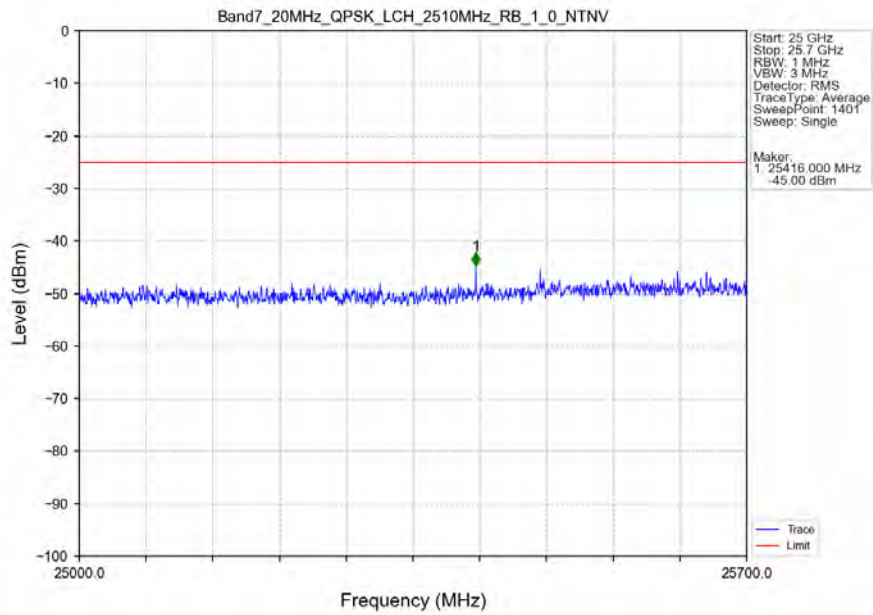
5.2.4 B7_20MHz



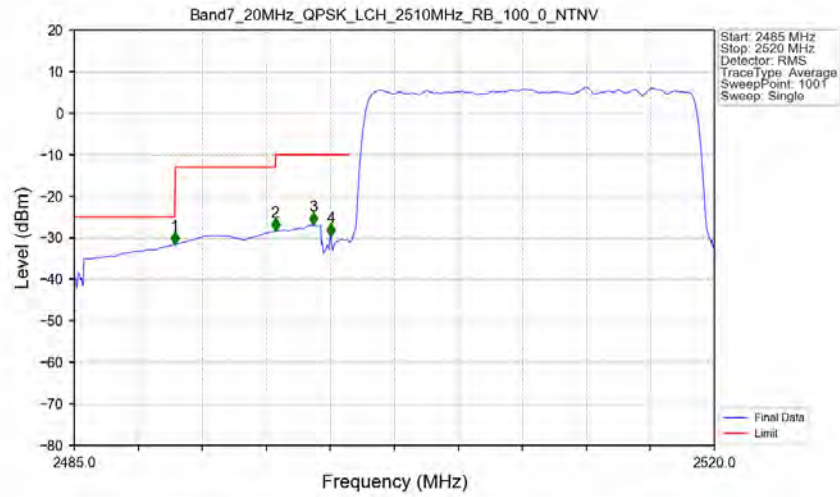
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

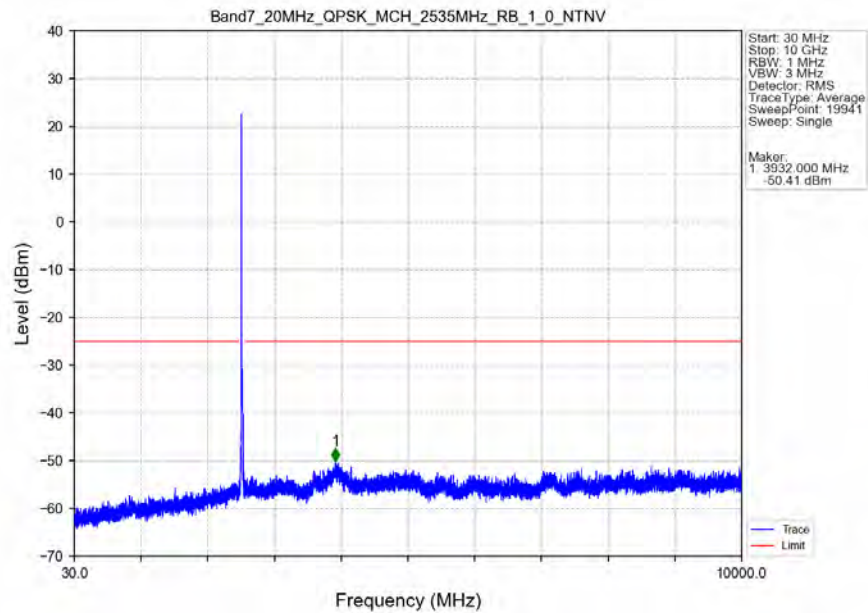


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

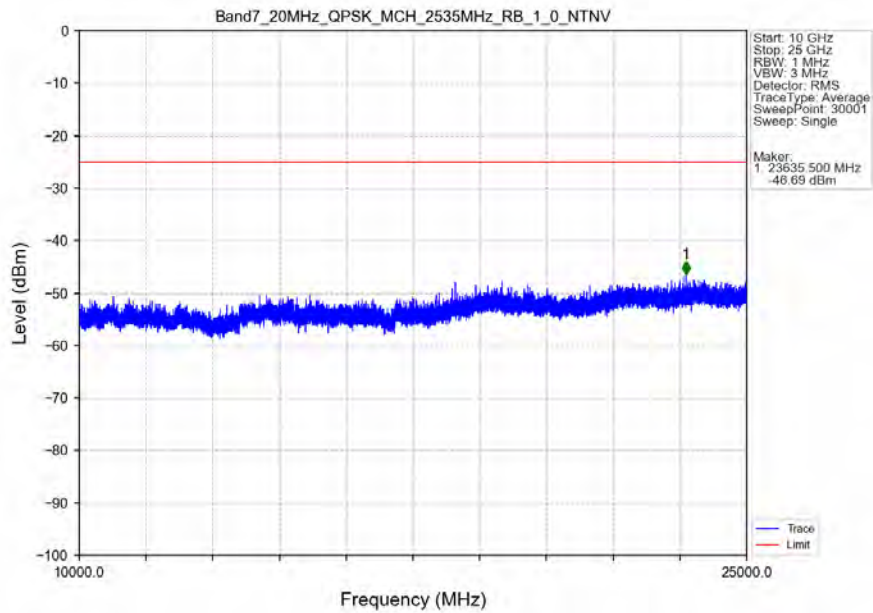


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-31.61	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-28.45	-13	Pass
2496	2499	1	CHP	3	2498.055	-26.92	-10	Pass
2499	2500	0.395	CHP	4	2499.035	-29.72	-10	Pass
2500	2520	0.395	CHP	/	/	/	/	/

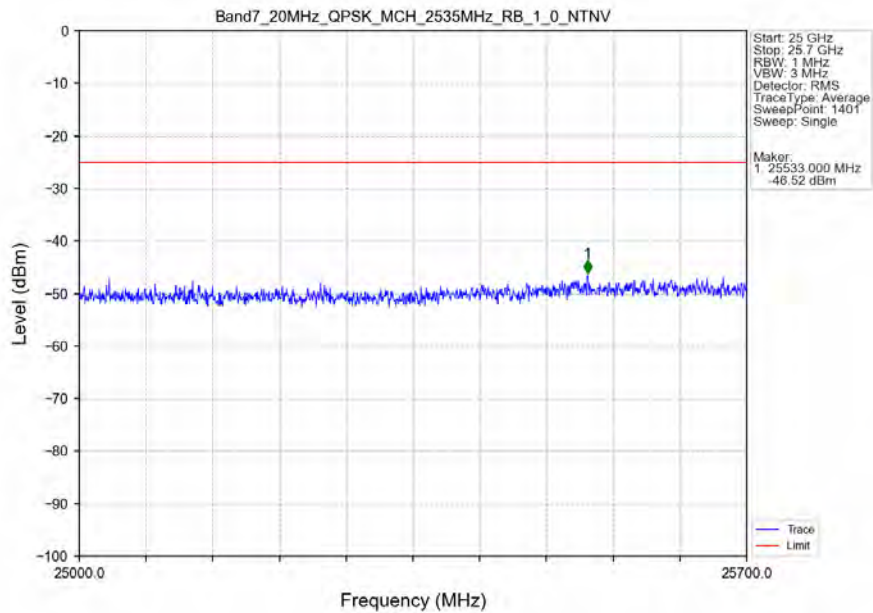
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



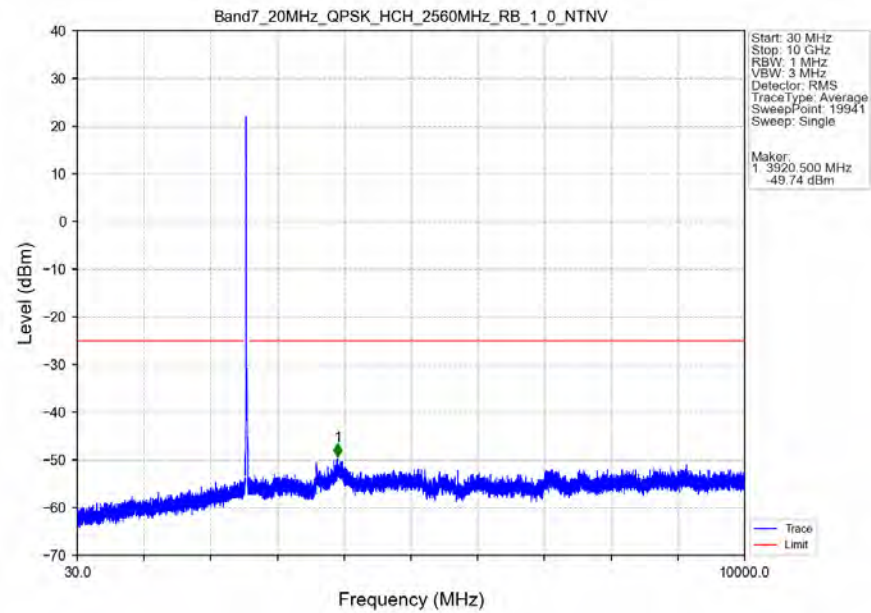
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



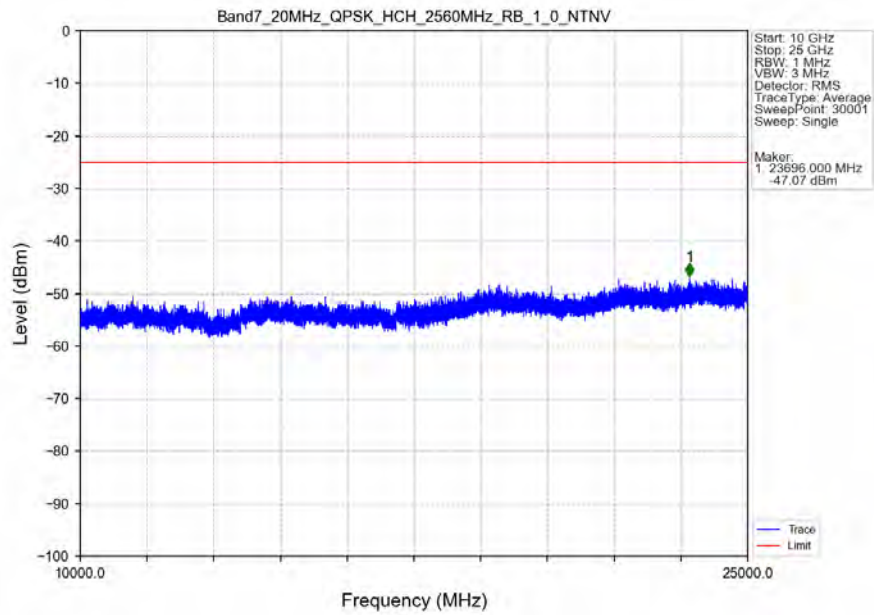
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



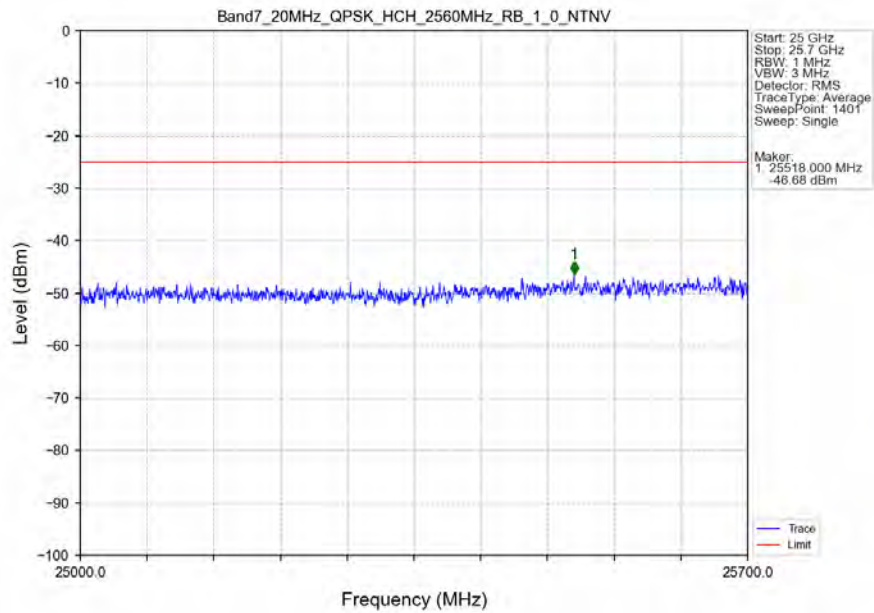
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



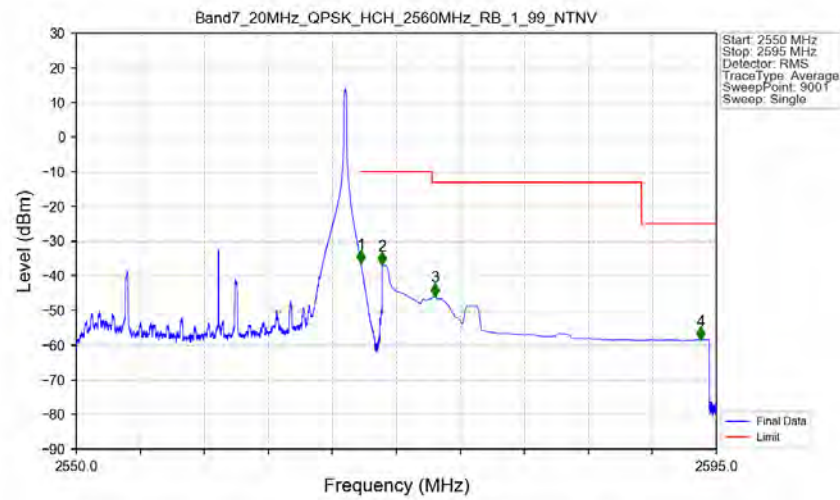
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN

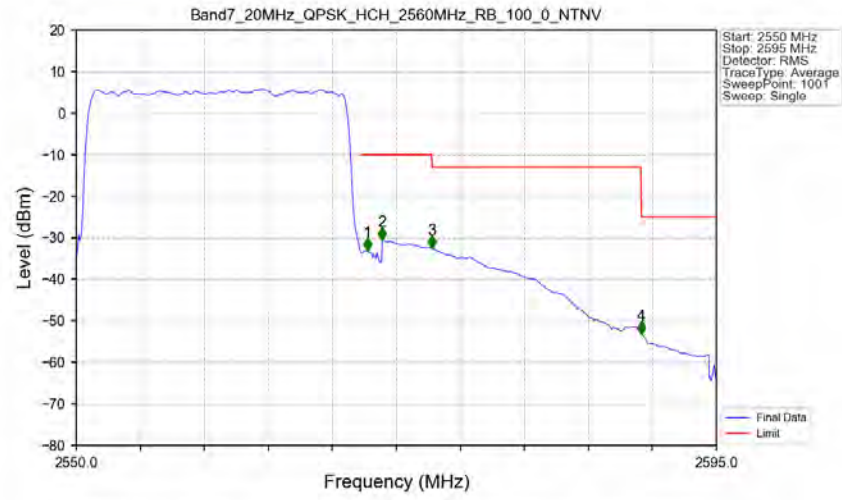


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTN



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	-36.44	-10	Pass
2571	2575	1	CHP	2	2571.500	-36.87	-10	Pass
2575	2589.731	1	CHP	3	2575.200	-45.89	-13	Pass
2589.731	2595	1	CHP	4	2593.890	-58.36	-25	Pass

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.395	CHP	/	/	/	/	/
2570	2571	0.395	CHP	1	2570.475	-33.07	-10	Pass
2571	2575	1	CHP	2	2571.510	-30.66	-10	Pass
2575	2589.731	1	CHP	3	2575.020	-32.54	-13	Pass
2589.731	2595	1	CHP	4	2589.735	-53.20	-25	Pass