

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	22.47	-1.45	21.02	<=33.01	Pass
			13	22.44	-1.45	20.99	<=33.01	Pass
			24	22.24	-1.45	20.79	<=33.01	Pass
		12	0	21.45	-1.45	20.00	<=33.01	Pass
			6	21.56	-1.45	20.11	<=33.01	Pass
			13	21.49	-1.45	20.04	<=33.01	Pass
		25	0	21.50	-1.45	20.05	<=33.01	Pass
	2535	1	0	22.23	-1.45	20.78	<=33.01	Pass
			13	22.65	-1.45	21.20	<=33.01	Pass
			24	22.26	-1.45	20.81	<=33.01	Pass
		12	0	21.72	-1.45	20.27	<=33.01	Pass
			6	21.53	-1.45	20.08	<=33.01	Pass
			13	21.46	-1.45	20.01	<=33.01	Pass
		25	0	21.67	-1.45	20.22	<=33.01	Pass
	2567.5	1	0	22.51	-1.45	21.06	<=33.01	Pass
			13	22.57	-1.45	21.12	<=33.01	Pass
			24	22.34	-1.45	20.89	<=33.01	Pass
		12	0	21.59	-1.45	20.14	<=33.01	Pass
			6	21.64	-1.45	20.19	<=33.01	Pass
			13	21.57	-1.45	20.12	<=33.01	Pass
		25	0	21.65	-1.45	20.20	<=33.01	Pass
16QAM	2502.5	1	0	21.74	-1.45	20.29	<=33.01	Pass
			13	22.01	-1.45	20.56	<=33.01	Pass
			24	21.76	-1.45	20.31	<=33.01	Pass
		12	0	20.30	-1.45	18.85	<=33.01	Pass
			6	20.51	-1.45	19.06	<=33.01	Pass
			13	20.60	-1.45	19.15	<=33.01	Pass
		25	0	20.50	-1.45	19.05	<=33.01	Pass
	2535	1	0	22.04	-1.45	20.59	<=33.01	Pass
			13	21.99	-1.45	20.54	<=33.01	Pass
			24	21.81	-1.45	20.36	<=33.01	Pass
		12	0	20.57	-1.45	19.12	<=33.01	Pass
			6	20.54	-1.45	19.09	<=33.01	Pass
			13	20.37	-1.45	18.92	<=33.01	Pass
		25	0	20.62	-1.45	19.17	<=33.01	Pass
	2567.5	1	0	21.74	-1.45	20.29	<=33.01	Pass
			13	21.98	-1.45	20.53	<=33.01	Pass
			24	21.92	-1.45	20.47	<=33.01	Pass
		12	0	20.52	-1.45	19.07	<=33.01	Pass
			6	20.54	-1.45	19.09	<=33.01	Pass
			13	20.65	-1.45	19.20	<=33.01	Pass
		25	0	20.59	-1.45	19.14	<=33.01	Pass
64QAM	2502.5	1	0	21.55	-1.45	20.10	<=33.01	Pass
			13	21.42	-1.45	19.97	<=33.01	Pass
			24	21.36	-1.45	19.91	<=33.01	Pass
		12	0	20.31	-1.45	18.86	<=33.01	Pass
			6	20.47	-1.45	19.02	<=33.01	Pass
			13	20.40	-1.45	18.95	<=33.01	Pass
		25	0	20.44	-1.45	18.99	<=33.01	Pass

	2535	1	0	21.61	-1.45	20.16	<=33.01	Pass
			13	21.76	-1.45	20.31	<=33.01	Pass
			24	21.73	-1.45	20.28	<=33.01	Pass
		12	0	20.55	-1.45	19.10	<=33.01	Pass
			6	20.56	-1.45	19.11	<=33.01	Pass
			13	20.57	-1.45	19.12	<=33.01	Pass
		25	0	20.51	-1.45	19.06	<=33.01	Pass
	2567.5	1	0	21.32	-1.45	19.87	<=33.01	Pass
			13	21.56	-1.45	20.11	<=33.01	Pass
			24	21.55	-1.45	20.10	<=33.01	Pass
		12	0	20.35	-1.45	18.90	<=33.01	Pass
			6	20.62	-1.45	19.17	<=33.01	Pass
			13	20.63	-1.45	19.18	<=33.01	Pass
		25	0	20.67	-1.45	19.22	<=33.01	Pass
256QAM	2502.5	1	0	17.45	-1.45	16.00	<=33.01	Pass
			13	17.58	-1.45	16.13	<=33.01	Pass
			24	17.49	-1.45	16.04	<=33.01	Pass
		12	0	17.56	-1.45	16.11	<=33.01	Pass
			6	17.61	-1.45	16.16	<=33.01	Pass
			13	17.45	-1.45	16.00	<=33.01	Pass
		25	0	17.53	-1.45	16.08	<=33.01	Pass
	2535	1	0	17.42	-1.45	15.97	<=33.01	Pass
			13	17.73	-1.45	16.28	<=33.01	Pass
			24	17.59	-1.45	16.14	<=33.01	Pass
		12	0	17.67	-1.45	16.22	<=33.01	Pass
			6	17.73	-1.45	16.28	<=33.01	Pass
			13	17.62	-1.45	16.17	<=33.01	Pass
		25	0	17.65	-1.45	16.20	<=33.01	Pass
	2567.5	1	0	17.67	-1.45	16.22	<=33.01	Pass
			13	17.81	-1.45	16.36	<=33.01	Pass
			24	17.78	-1.45	16.33	<=33.01	Pass
		12	0	17.29	-1.45	15.84	<=33.01	Pass
			6	17.60	-1.45	16.15	<=33.01	Pass
			13	17.58	-1.45	16.13	<=33.01	Pass
		25	0	17.74	-1.45	16.29	<=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	22.40	-1.45	20.95	<=33.01	Pass
			25	22.51	-1.45	21.06	<=33.01	Pass
			49	22.47	-1.45	21.02	<=33.01	Pass
		25	0	21.51	-1.45	20.06	<=33.01	Pass
			13	21.56	-1.45	20.11	<=33.01	Pass
			25	21.53	-1.45	20.08	<=33.01	Pass
		50	0	21.55	-1.45	20.10	<=33.01	Pass
	2535	1	0	22.37	-1.45	20.92	<=33.01	Pass
			25	22.57	-1.45	21.12	<=33.01	Pass
			49	22.55	-1.45	21.10	<=33.01	Pass
		25	0	21.59	-1.45	20.14	<=33.01	Pass
			13	21.67	-1.45	20.22	<=33.01	Pass
			25	21.68	-1.45	20.23	<=33.01	Pass
		50	0	21.60	-1.45	20.15	<=33.01	Pass
	2565	1	0	22.37	-1.45	20.92	<=33.01	Pass

		25	25	22.58	-1.45	21.13	<=33.01	Pass
			49	22.62	-1.45	21.17	<=33.01	Pass
			0	21.71	-1.45	20.26	<=33.01	Pass
			13	21.73	-1.45	20.28	<=33.01	Pass
			25	21.68	-1.45	20.23	<=33.01	Pass
			50	0	-1.45	20.21	<=33.01	Pass
16QAM	2505	1	0	21.59	-1.45	20.14	<=33.01	Pass
			25	21.43	-1.45	19.98	<=33.01	Pass
			49	21.72	-1.45	20.27	<=33.01	Pass
		25	0	20.49	-1.45	19.04	<=33.01	Pass
			13	20.63	-1.45	19.18	<=33.01	Pass
			25	20.28	-1.45	18.83	<=33.01	Pass
		50	0	20.48	-1.45	19.03	<=33.01	Pass
	2535	1	0	21.40	-1.45	19.95	<=33.01	Pass
			25	22.21	-1.45	20.76	<=33.01	Pass
			49	20.90	-1.45	19.45	<=33.01	Pass
		25	0	20.72	-1.45	19.27	<=33.01	Pass
			13	20.73	-1.45	19.28	<=33.01	Pass
			25	20.66	-1.45	19.21	<=33.01	Pass
		50	0	20.45	-1.45	19.00	<=33.01	Pass
	2565	1	0	21.95	-1.45	20.50	<=33.01	Pass
			25	22.01	-1.45	20.56	<=33.01	Pass
			49	21.62	-1.45	20.17	<=33.01	Pass
		25	0	20.66	-1.45	19.21	<=33.01	Pass
			13	20.55	-1.45	19.10	<=33.01	Pass
			25	20.50	-1.45	19.05	<=33.01	Pass
		50	0	20.60	-1.45	19.15	<=33.01	Pass
64QAM	2505	1	0	21.29	-1.45	19.84	<=33.01	Pass
			25	21.53	-1.45	20.08	<=33.01	Pass
			49	21.48	-1.45	20.03	<=33.01	Pass
		25	0	20.50	-1.45	19.05	<=33.01	Pass
			13	20.49	-1.45	19.04	<=33.01	Pass
			25	20.48	-1.45	19.03	<=33.01	Pass
		50	0	20.47	-1.45	19.02	<=33.01	Pass
	2535	1	0	21.39	-1.45	19.94	<=33.01	Pass
			25	21.72	-1.45	20.27	<=33.01	Pass
			49	21.57	-1.45	20.12	<=33.01	Pass
		25	0	20.63	-1.45	19.18	<=33.01	Pass
			13	20.63	-1.45	19.18	<=33.01	Pass
			25	20.66	-1.45	19.21	<=33.01	Pass
		50	0	20.46	-1.45	19.01	<=33.01	Pass
	2565	1	0	21.35	-1.45	19.90	<=33.01	Pass
			25	21.57	-1.45	20.12	<=33.01	Pass
			49	21.37	-1.45	19.92	<=33.01	Pass
		25	0	20.74	-1.45	19.29	<=33.01	Pass
			13	20.48	-1.45	19.03	<=33.01	Pass
			25	20.61	-1.45	19.16	<=33.01	Pass
		50	0	20.51	-1.45	19.06	<=33.01	Pass
256QAM	2505	1	0	17.47	-1.45	16.02	<=33.01	Pass
			25	17.50	-1.45	16.05	<=33.01	Pass
			49	17.49	-1.45	16.04	<=33.01	Pass
		25	0	17.51	-1.45	16.06	<=33.01	Pass
			13	17.62	-1.45	16.17	<=33.01	Pass
			25	17.55	-1.45	16.10	<=33.01	Pass
		50	0	17.53	-1.45	16.08	<=33.01	Pass
	2535	1	0	17.34	-1.45	15.89	<=33.01	Pass
			25	17.76	-1.45	16.31	<=33.01	Pass
			49	17.51	-1.45	16.06	<=33.01	Pass
		25	0	17.56	-1.45	16.11	<=33.01	Pass

		50	13	17.84	-1.45	16.39	<=33.01	Pass
			25	17.68	-1.45	16.23	<=33.01	Pass
			0	17.66	-1.45	16.21	<=33.01	Pass
	2565	1	0	17.54	-1.45	16.09	<=33.01	Pass
			25	17.68	-1.45	16.23	<=33.01	Pass
			49	17.77	-1.45	16.32	<=33.01	Pass
		25	0	17.90	-1.45	16.45	<=33.01	Pass
			13	17.75	-1.45	16.30	<=33.01	Pass
			25	17.71	-1.45	16.26	<=33.01	Pass
		50	0	17.69	-1.45	16.24	<=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	22.21	-1.45	20.76	<=33.01	Pass
			38	22.32	-1.45	20.87	<=33.01	Pass
			74	22.29	-1.45	20.84	<=33.01	Pass
		36	0	21.38	-1.45	19.93	<=33.01	Pass
			18	21.35	-1.45	19.90	<=33.01	Pass
			39	21.36	-1.45	19.91	<=33.01	Pass
		75	0	21.40	-1.45	19.95	<=33.01	Pass
	2535	1	0	22.45	-1.45	21.00	<=33.01	Pass
			38	22.48	-1.45	21.03	<=33.01	Pass
			74	22.33	-1.45	20.88	<=33.01	Pass
		36	0	21.38	-1.45	19.93	<=33.01	Pass
			18	21.49	-1.45	20.04	<=33.01	Pass
			39	21.42	-1.45	19.97	<=33.01	Pass
		75	0	21.41	-1.45	19.96	<=33.01	Pass
	2562.5	1	0	22.52	-1.45	21.07	<=33.01	Pass
			38	22.38	-1.45	20.93	<=33.01	Pass
			74	22.38	-1.45	20.93	<=33.01	Pass
		36	0	21.32	-1.45	19.87	<=33.01	Pass
			18	21.31	-1.45	19.86	<=33.01	Pass
			39	21.46	-1.45	20.01	<=33.01	Pass
		75	0	21.60	-1.45	20.15	<=33.01	Pass
16QAM	2507.5	1	0	21.26	-1.45	19.81	<=33.01	Pass
			38	20.94	-1.45	19.49	<=33.01	Pass
			74	21.25	-1.45	19.80	<=33.01	Pass
		36	0	20.39	-1.45	18.94	<=33.01	Pass
			18	20.39	-1.45	18.94	<=33.01	Pass
			39	20.42	-1.45	18.97	<=33.01	Pass
		75	0	20.39	-1.45	18.94	<=33.01	Pass
	2535	1	0	21.23	-1.45	19.78	<=33.01	Pass
			38	21.53	-1.45	20.08	<=33.01	Pass
			74	21.95	-1.45	20.50	<=33.01	Pass
		36	0	20.41	-1.45	18.96	<=33.01	Pass
			18	20.52	-1.45	19.07	<=33.01	Pass
			39	20.46	-1.45	19.01	<=33.01	Pass
		75	0	20.34	-1.45	18.89	<=33.01	Pass
	2562.5	1	0	21.58	-1.45	20.13	<=33.01	Pass
			38	21.63	-1.45	20.18	<=33.01	Pass
			74	21.54	-1.45	20.09	<=33.01	Pass
		36	0	20.61	-1.45	19.16	<=33.01	Pass
			18	20.47	-1.45	19.02	<=33.01	Pass

			39	20.50	-1.45	19.05	<=33.01	Pass	
		75	0	20.43	-1.45	18.98	<=33.01	Pass	
64QAM	2507.5	1	0	21.43	-1.45	19.98	<=33.01	Pass	
			38	21.29	-1.45	19.84	<=33.01	Pass	
			74	21.20	-1.45	19.75	<=33.01	Pass	
			0	20.34	-1.45	18.89	<=33.01	Pass	
		36	18	20.37	-1.45	18.92	<=33.01	Pass	
			39	20.35	-1.45	18.90	<=33.01	Pass	
			75	0	20.38	-1.45	18.93	<=33.01	Pass
		2535	1	0	21.17	-1.45	19.72	<=33.01	Pass
				38	21.85	-1.45	20.40	<=33.01	Pass
				74	21.06	-1.45	19.61	<=33.01	Pass
	0			20.31	-1.45	18.86	<=33.01	Pass	
	36		18	20.40	-1.45	18.95	<=33.01	Pass	
			39	20.46	-1.45	19.01	<=33.01	Pass	
			75	0	20.42	-1.45	18.97	<=33.01	Pass
	2562.5		1	0	21.68	-1.45	20.23	<=33.01	Pass
		38		20.97	-1.45	19.52	<=33.01	Pass	
		74		21.54	-1.45	20.09	<=33.01	Pass	
		0		20.43	-1.45	18.98	<=33.01	Pass	
		36	18	20.51	-1.45	19.06	<=33.01	Pass	
			39	20.42	-1.45	18.97	<=33.01	Pass	
			75	0	20.42	-1.45	18.97	<=33.01	Pass
		256QAM	2507.5	1	0	17.46	-1.45	16.01	<=33.01
	38				17.37	-1.45	15.92	<=33.01	Pass
74	17.63				-1.45	16.18	<=33.01	Pass	
36	0			17.41	-1.45	15.96	<=33.01	Pass	
	18			17.50	-1.45	16.05	<=33.01	Pass	
	39			17.46	-1.45	16.01	<=33.01	Pass	
75	0			17.43	-1.45	15.98	<=33.01	Pass	
2535	1		0	17.51	-1.45	16.06	<=33.01	Pass	
			38	17.49	-1.45	16.04	<=33.01	Pass	
			74	17.54	-1.45	16.09	<=33.01	Pass	
			0	17.35	-1.45	15.90	<=33.01	Pass	
	36		18	17.65	-1.45	16.20	<=33.01	Pass	
			39	17.63	-1.45	16.18	<=33.01	Pass	
	75		0	17.56	-1.45	16.11	<=33.01	Pass	
2562.5	1		0	17.75	-1.45	16.30	<=33.01	Pass	
			38	17.59	-1.45	16.14	<=33.01	Pass	
			74	17.69	-1.45	16.24	<=33.01	Pass	
	36		0	17.26	-1.45	15.81	<=33.01	Pass	
			18	17.65	-1.45	16.20	<=33.01	Pass	
			39	17.50	-1.45	16.05	<=33.01	Pass	
	75		0	17.53	-1.45	16.08	<=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	22.22	-1.45	20.77	<=33.01	Pass
			50	22.34	-1.45	20.89	<=33.01	Pass
			99	22.19	-1.45	20.74	<=33.01	Pass
		50	0	21.38	-1.45	19.93	<=33.01	Pass
			25	21.37	-1.45	19.92	<=33.01	Pass
			50	21.36	-1.45	19.91	<=33.01	Pass

		100	0	21.41	-1.45	19.96	<=33.01	Pass
		2535	1	0	22.25	-1.45	20.80	<=33.01
				50	22.40	-1.45	20.95	<=33.01
				99	22.41	-1.45	20.96	<=33.01
			50	0	21.37	-1.45	19.92	<=33.01
				25	21.43	-1.45	19.98	<=33.01
				50	21.54	-1.45	20.09	<=33.01
		100	0	21.37	-1.45	19.92	<=33.01	Pass
		2560	1	0	22.26	-1.45	20.81	<=33.01
				50	22.39	-1.45	20.94	<=33.01
				99	22.24	-1.45	20.79	<=33.01
			50	0	21.50	-1.45	20.05	<=33.01
				25	21.44	-1.45	19.99	<=33.01
				50	21.39	-1.45	19.94	<=33.01
16QAM		100	0	21.56	-1.45	20.11	<=33.01	Pass
		2510	1	0	21.29	-1.45	19.84	<=33.01
				50	21.20	-1.45	19.75	<=33.01
				99	21.43	-1.45	19.98	<=33.01
			50	0	20.30	-1.45	18.85	<=33.01
				25	20.44	-1.45	18.99	<=33.01
				50	20.33	-1.45	18.88	<=33.01
		100	0	20.40	-1.45	18.95	<=33.01	Pass
		2535	1	0	21.53	-1.45	20.08	<=33.01
				50	21.39	-1.45	19.94	<=33.01
				99	21.80	-1.45	20.35	<=33.01
			50	0	20.48	-1.45	19.03	<=33.01
				25	20.43	-1.45	18.98	<=33.01
				50	20.51	-1.45	19.06	<=33.01
		100	0	20.42	-1.45	18.97	<=33.01	Pass
		2560	1	0	21.91	-1.45	20.46	<=33.01
				50	21.43	-1.45	19.98	<=33.01
				99	21.55	-1.45	20.10	<=33.01
			50	0	20.41	-1.45	18.96	<=33.01
				25	20.35	-1.45	18.90	<=33.01
				50	20.39	-1.45	18.94	<=33.01
64QAM		100	0	20.42	-1.45	18.97	<=33.01	Pass
		2510	1	0	20.56	-1.45	19.11	<=33.01
				50	21.70	-1.45	20.25	<=33.01
				99	21.29	-1.45	19.84	<=33.01
			50	0	20.39	-1.45	18.94	<=33.01
				25	20.42	-1.45	18.97	<=33.01
				50	20.38	-1.45	18.93	<=33.01
		100	0	20.40	-1.45	18.95	<=33.01	Pass
		2535	1	0	21.11	-1.45	19.66	<=33.01
				50	21.44	-1.45	19.99	<=33.01
				99	21.42	-1.45	19.97	<=33.01
			50	0	20.38	-1.45	18.93	<=33.01
				25	20.47	-1.45	19.02	<=33.01
				50	20.43	-1.45	18.98	<=33.01
		100	0	20.51	-1.45	19.06	<=33.01	Pass
		2560	1	0	21.48	-1.45	20.03	<=33.01
				50	21.45	-1.45	20.00	<=33.01
				99	21.22	-1.45	19.77	<=33.01
			50	0	20.36	-1.45	18.91	<=33.01
				25	20.44	-1.45	18.99	<=33.01
				50	20.34	-1.45	18.89	<=33.01
256QAM		100	0	20.42	-1.45	18.97	<=33.01	Pass
		2510	1	0	17.85	-1.45	16.40	<=33.01
			50	17.23	-1.45	15.78	<=33.01	Pass

			99	17.45	-1.45	16.00	<=33.01	Pass
		50	0	17.45	-1.45	16.00	<=33.01	Pass
			25	17.38	-1.45	15.93	<=33.01	Pass
			50	17.47	-1.45	16.02	<=33.01	Pass
		100	0	17.50	-1.45	16.05	<=33.01	Pass
	2535	1	0	17.46	-1.45	16.01	<=33.01	Pass
			50	17.31	-1.45	15.86	<=33.01	Pass
			99	17.63	-1.45	16.18	<=33.01	Pass
		50	0	17.25	-1.45	15.80	<=33.01	Pass
			25	17.46	-1.45	16.01	<=33.01	Pass
			50	17.60	-1.45	16.15	<=33.01	Pass
		100	0	17.52	-1.45	16.07	<=33.01	Pass
		2560	1	0	18.04	-1.45	16.59	<=33.01
	50			17.16	-1.45	15.71	<=33.01	Pass
	99			18.02	-1.45	16.57	<=33.01	Pass
	50		0	17.35	-1.45	15.90	<=33.01	Pass
			25	17.52	-1.45	16.07	<=33.01	Pass
			50	17.51	-1.45	16.06	<=33.01	Pass
	100		0	17.46	-1.45	16.01	<=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	-6.400	-0.0025	-2.5 to 2.5	Pass
					NV	3.500	0.0014	-2.5 to 2.5	Pass
					HV	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	NV	-0.300	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-0.700	-0.0003	-2.5 to 2.5	Pass
				-10	NV	-0.700	-0.0003	-2.5 to 2.5	Pass
				0	NV	1.100	0.0004	-2.5 to 2.5	Pass
				10	NV	-3.500	-0.0014	-2.5 to 2.5	Pass
				30	NV	1.900	0.0007	-2.5 to 2.5	Pass
				40	NV	-0.500	-0.0002	-2.5 to 2.5	Pass
				50	NV	-1.200	-0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

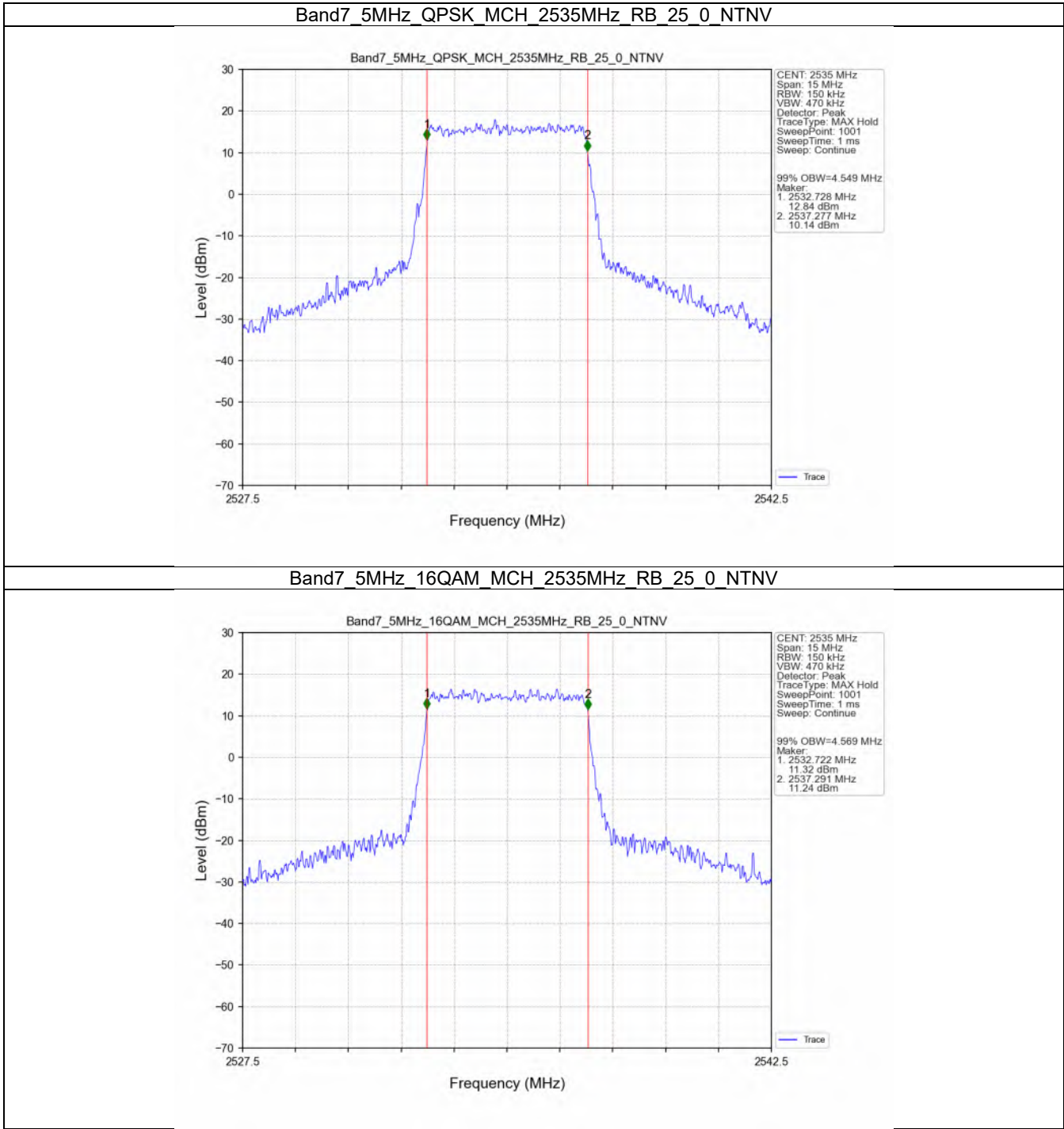
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.549	/	Pass
	16QAM	2535	25	0	4.569	/	Pass
	64QAM	2535	25	0	4.554	/	Pass
	256QAM	2535	25	0	4.559	/	Pass
10	QPSK	2535	50	0	9.103	/	Pass
	16QAM	2535	50	0	9.100	/	Pass
	64QAM	2535	50	0	9.074	/	Pass
	256QAM	2535	50	0	9.093	/	Pass
15	QPSK	2535	75	0	13.619	/	Pass
	16QAM	2535	75	0	13.621	/	Pass
	64QAM	2535	75	0	13.601	/	Pass
	256QAM	2535	75	0	13.627	/	Pass
20	QPSK	2535	100	0	18.159	/	Pass
	16QAM	2535	100	0	18.145	/	Pass
	64QAM	2535	100	0	18.135	/	Pass
	256QAM	2535	100	0	18.138	/	Pass

3.1.2 Band7_XDB

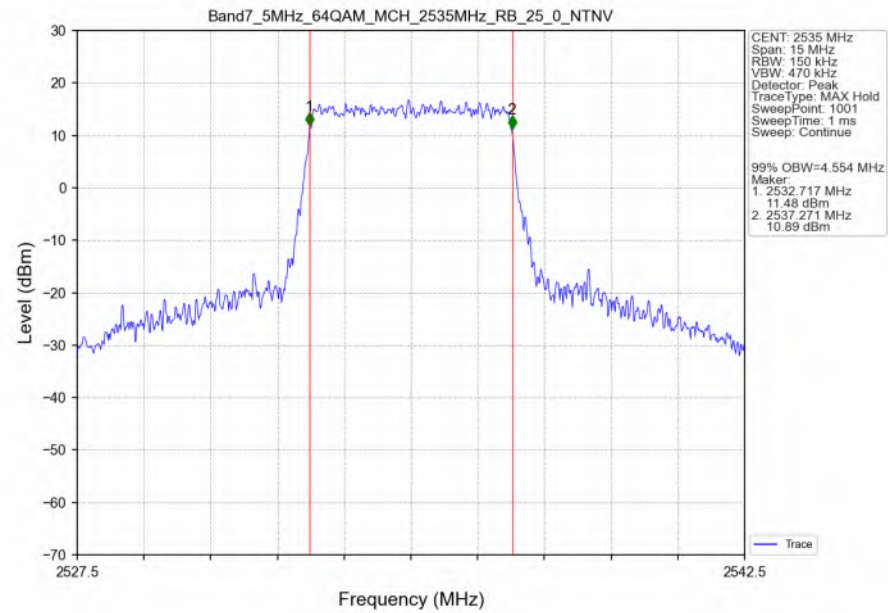
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.231	/	Pass
	16QAM	2535	25	0	5.255	/	Pass
	64QAM	2535	25	0	5.219	/	Pass
	256QAM	2535	25	0	5.139	/	Pass
10	QPSK	2535	50	0	10.179	/	Pass
	16QAM	2535	50	0	10.223	/	Pass
	64QAM	2535	50	0	10.112	/	Pass
	256QAM	2535	50	0	10.246	/	Pass
15	QPSK	2535	75	0	15.194	/	Pass
	16QAM	2535	75	0	15.146	/	Pass
	64QAM	2535	75	0	15.241	/	Pass
	256QAM	2535	75	0	15.121	/	Pass
20	QPSK	2535	100	0	20.142	/	Pass
	16QAM	2535	100	0	20.020	/	Pass
	64QAM	2535	100	0	20.318	/	Pass
	256QAM	2535	100	0	20.082	/	Pass

3.2 Test Graph

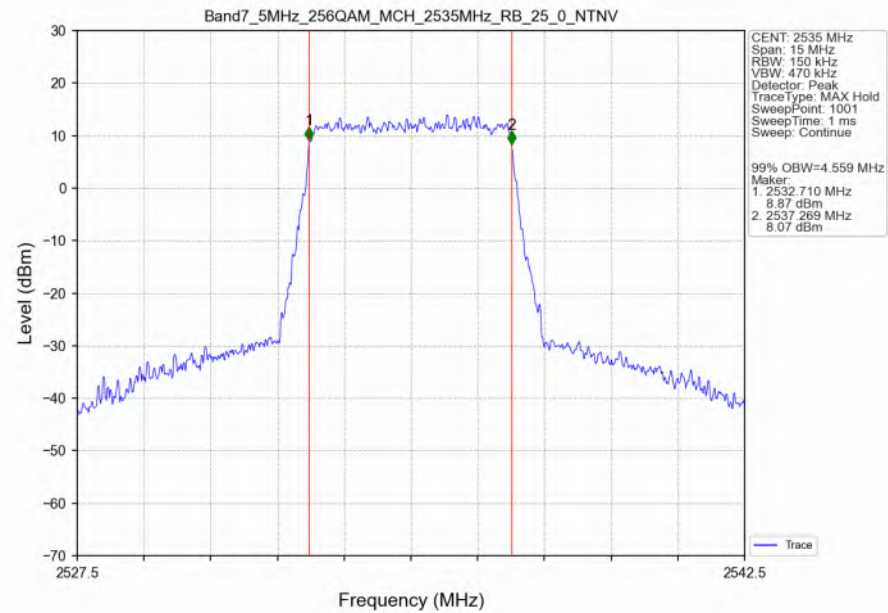
3.2.1 Band7_OBW



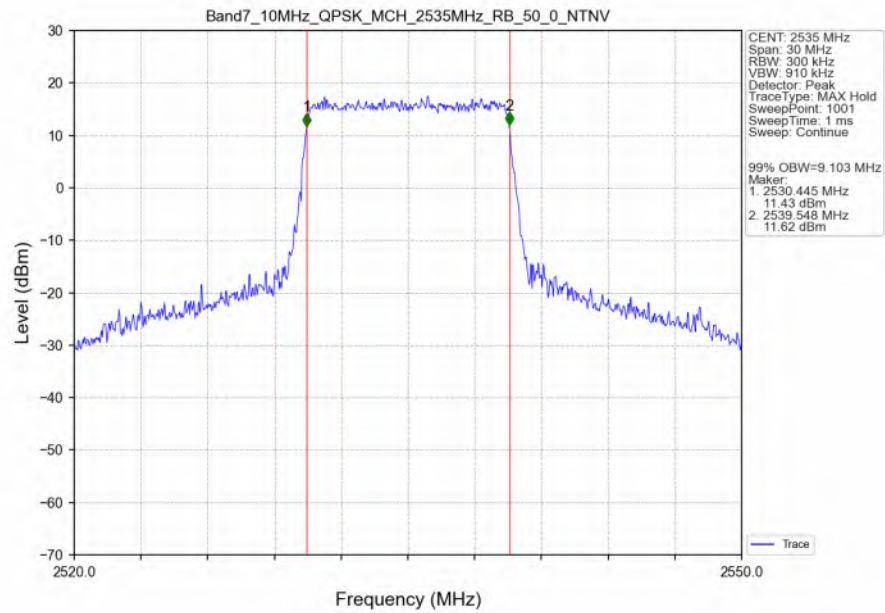
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



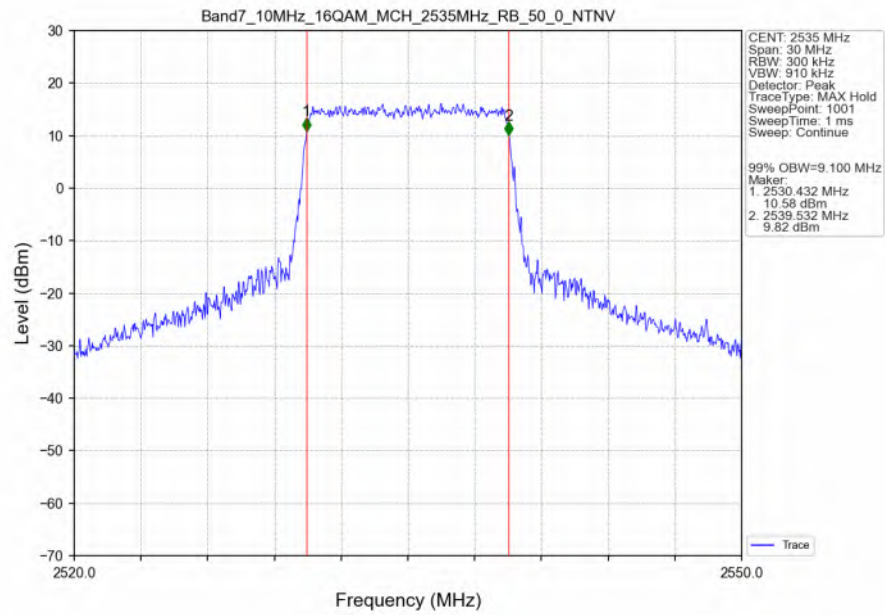
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



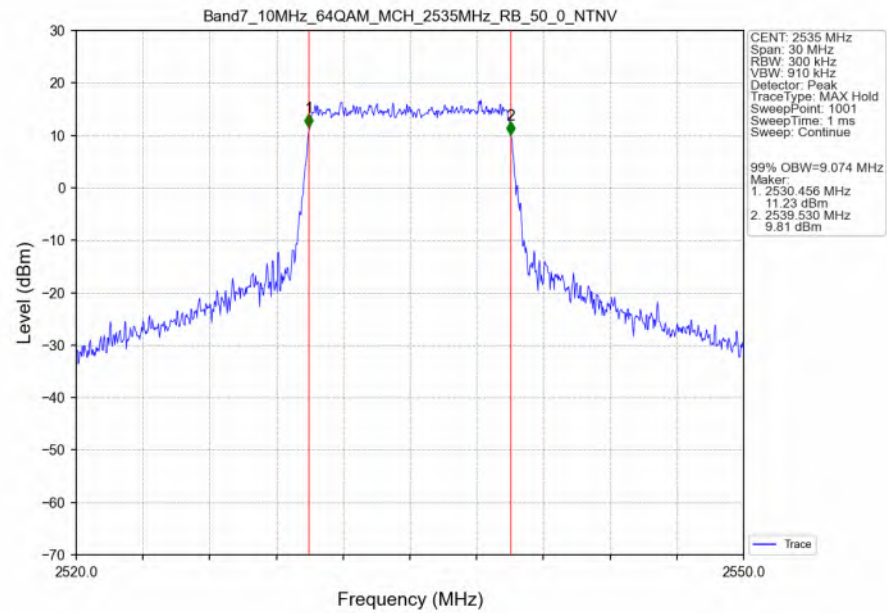
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



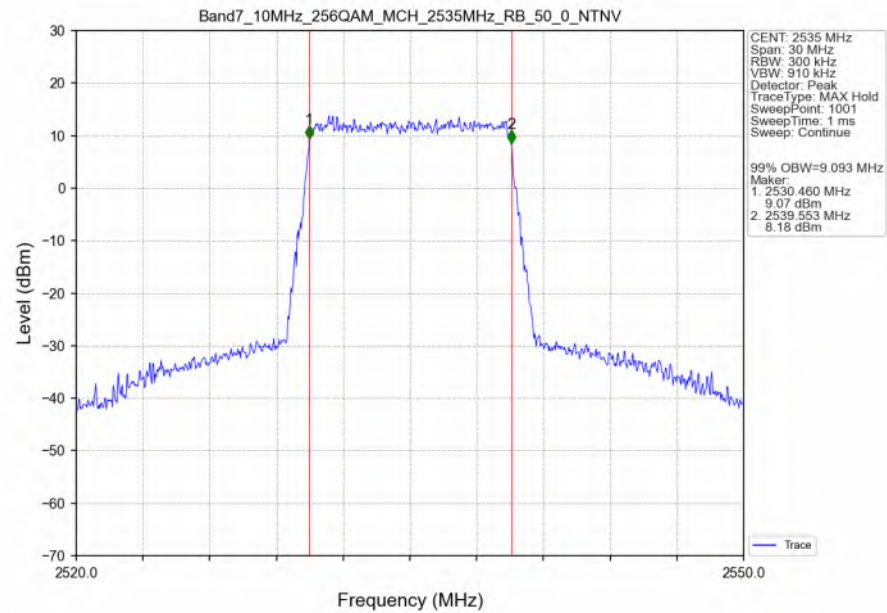
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



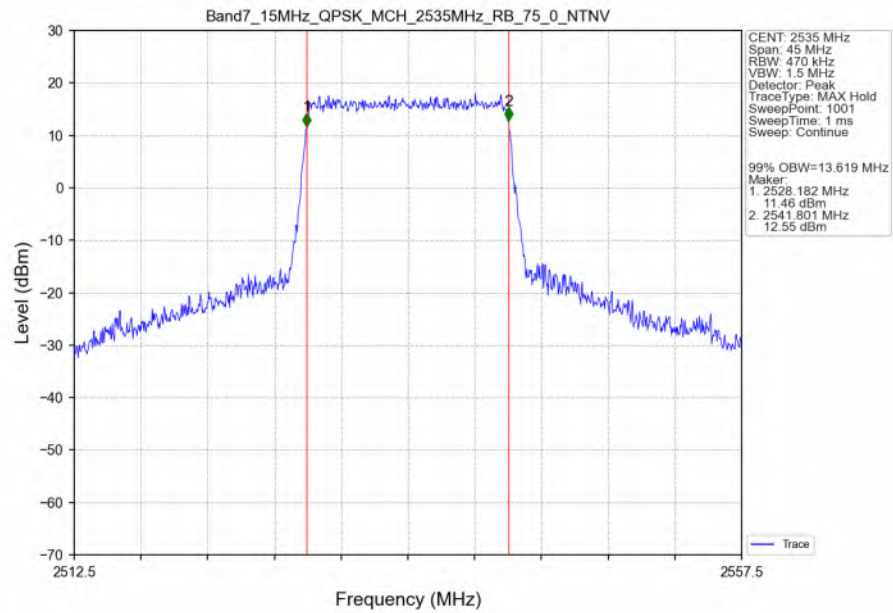
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



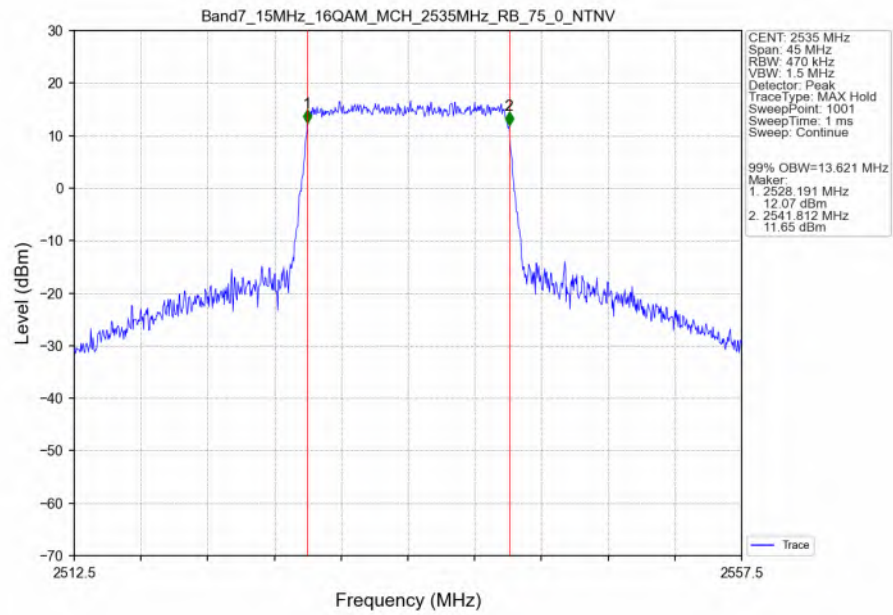
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTNV



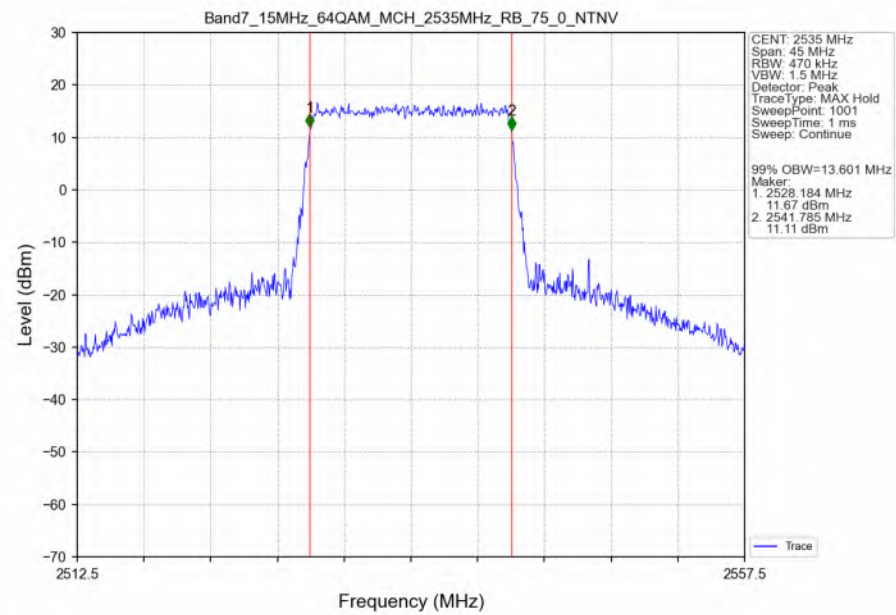
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



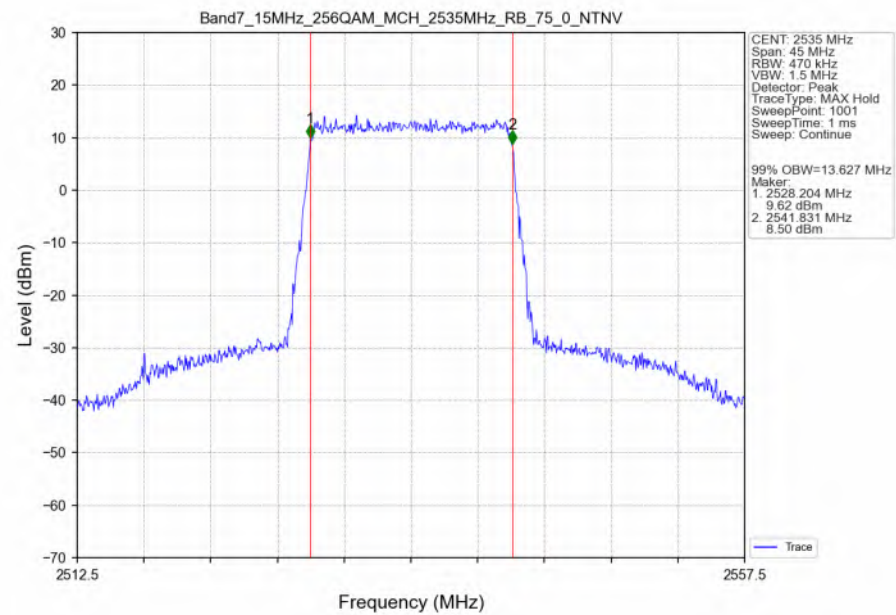
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



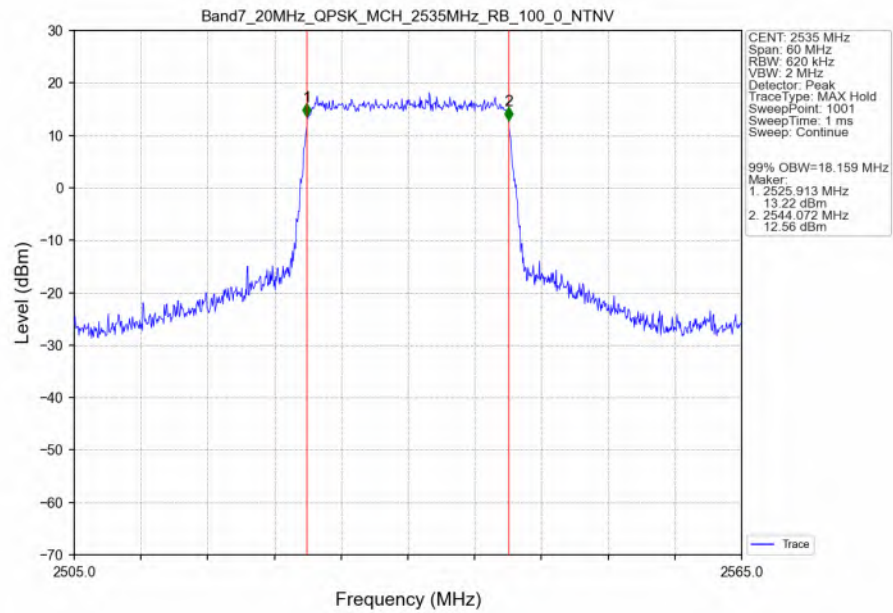
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



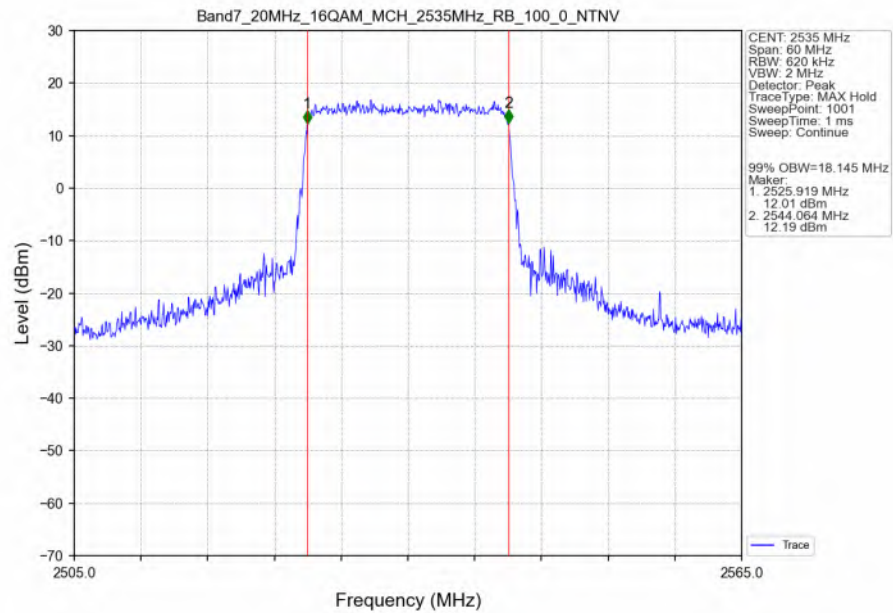
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



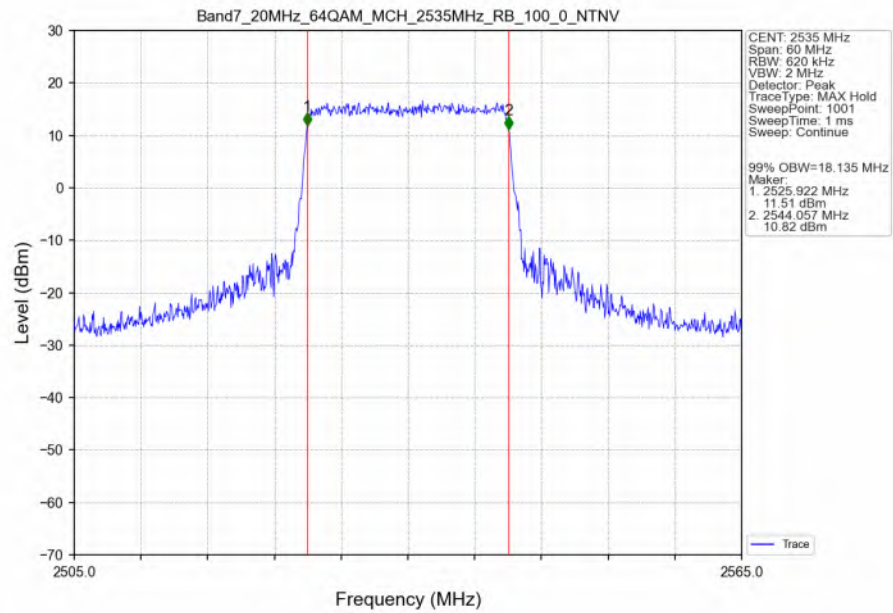
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



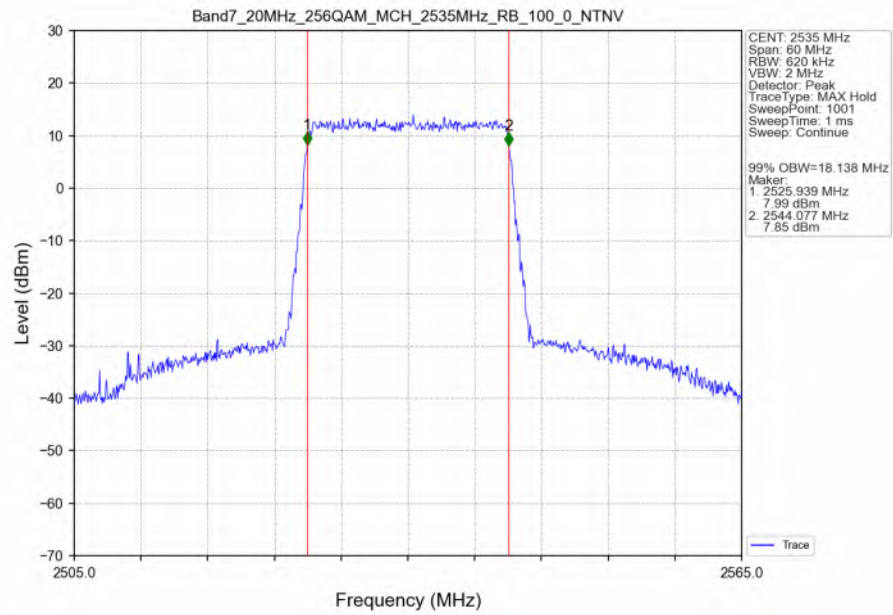
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



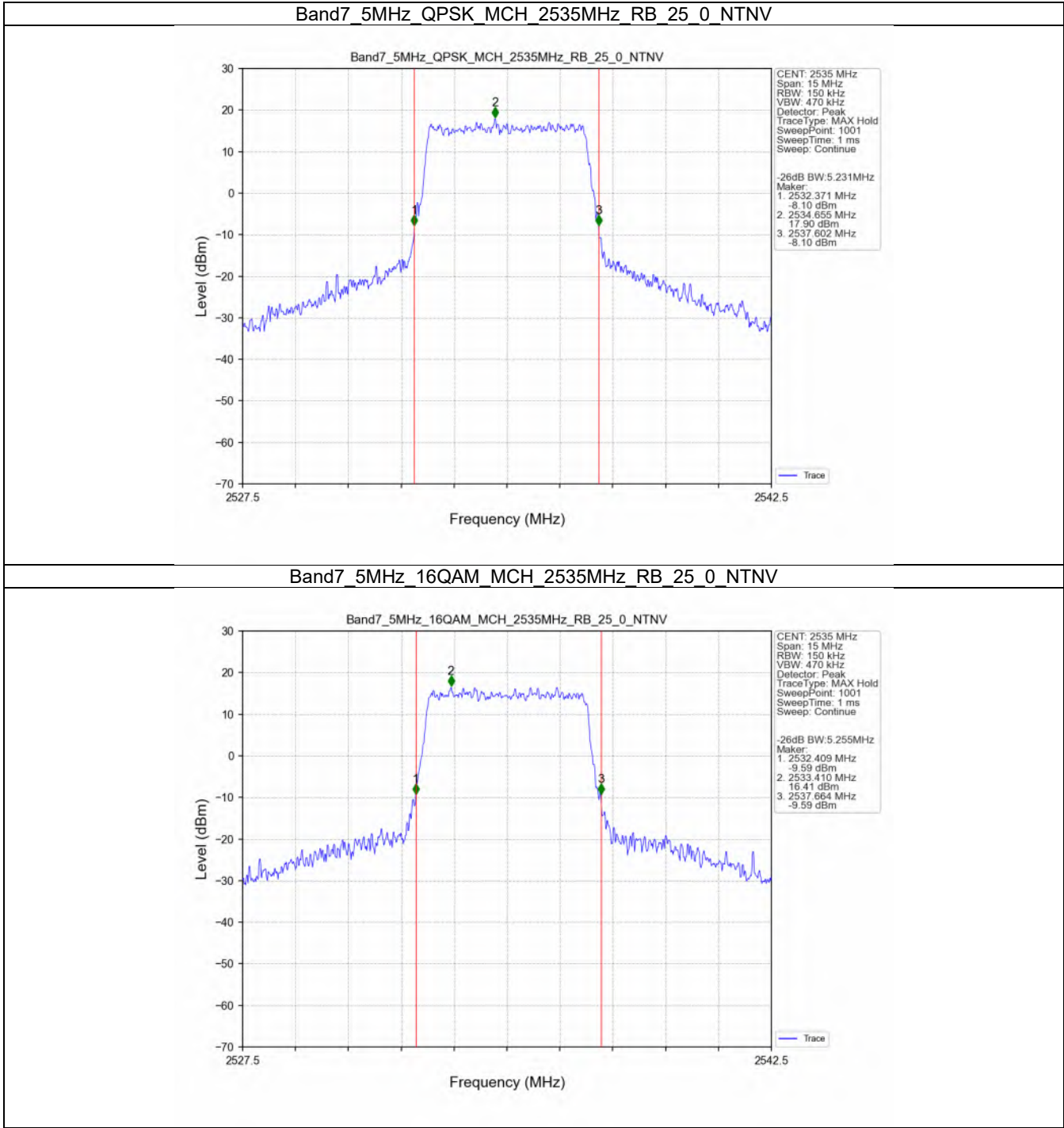
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



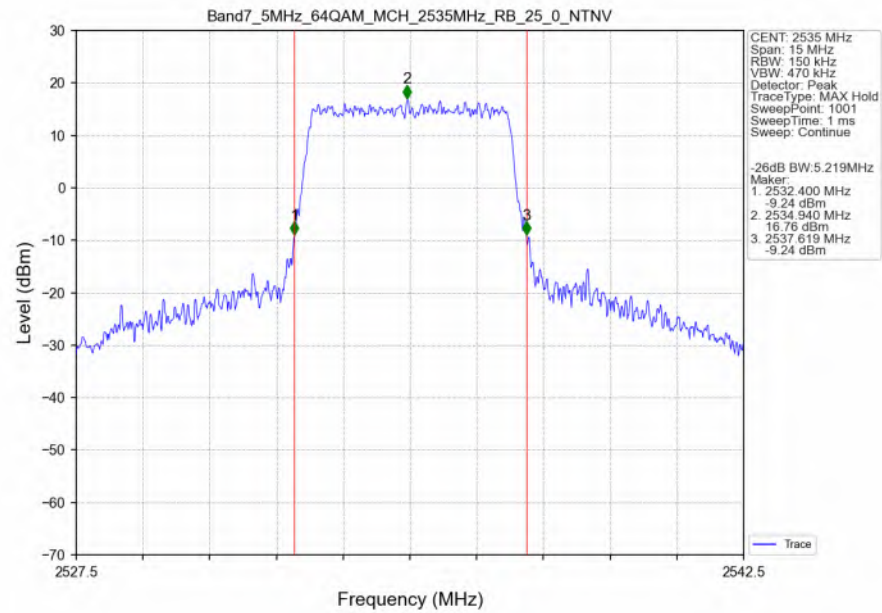
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



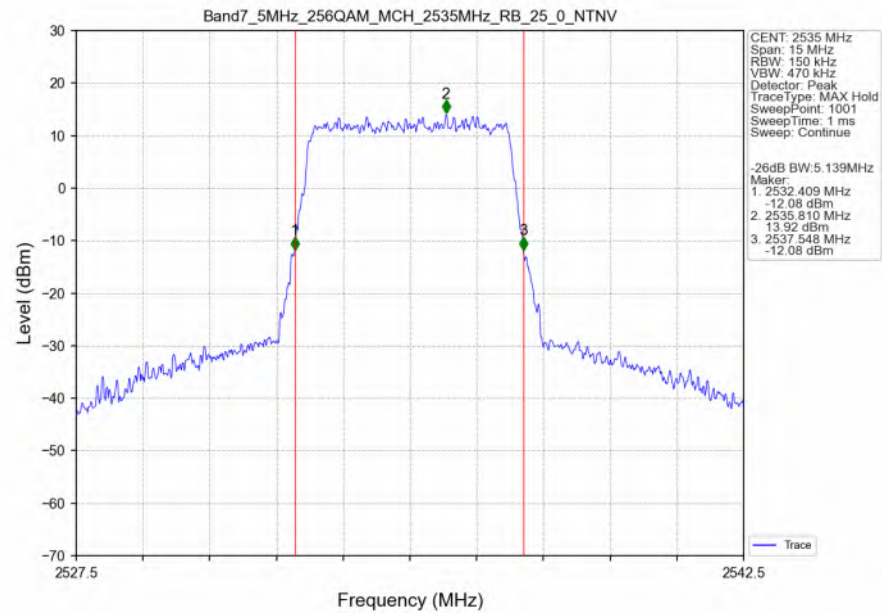
3.2.2 Band7_XDB



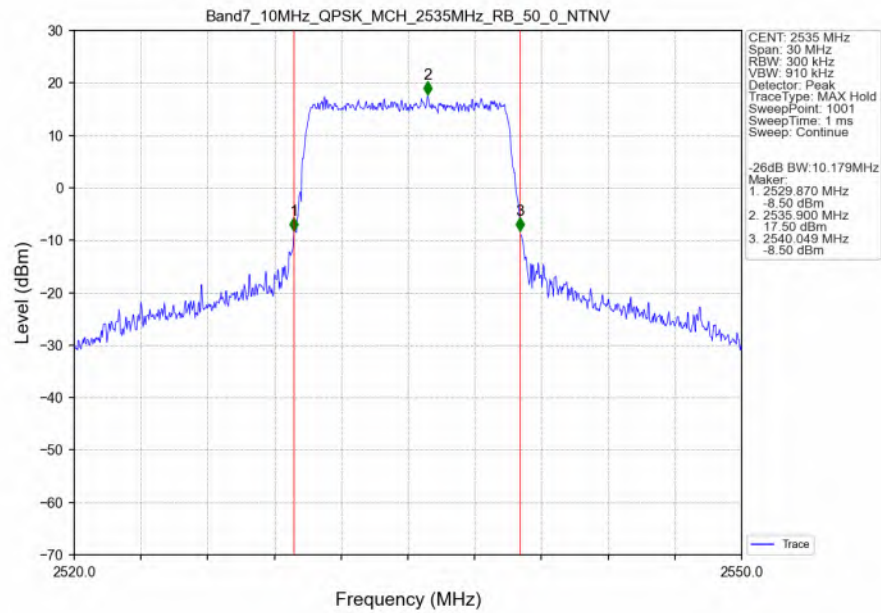
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTN



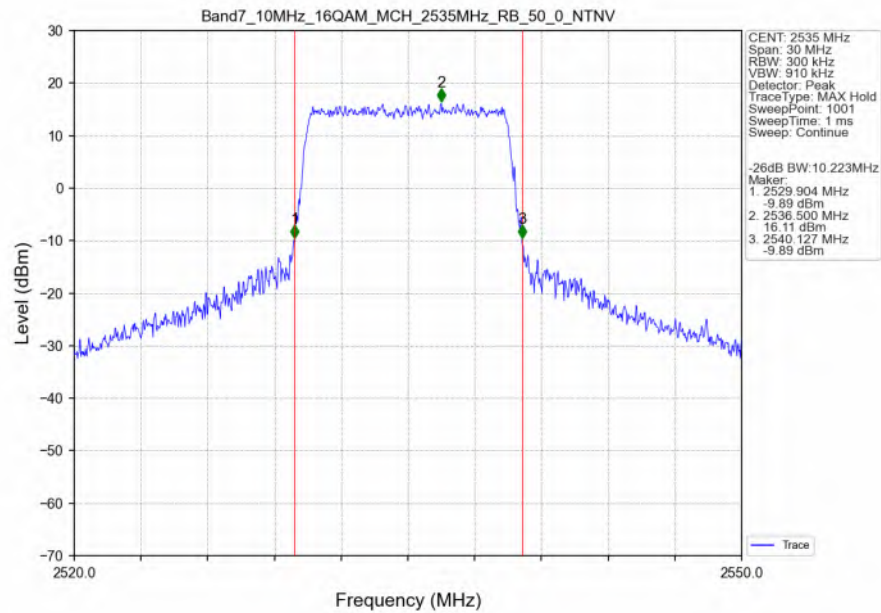
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTN



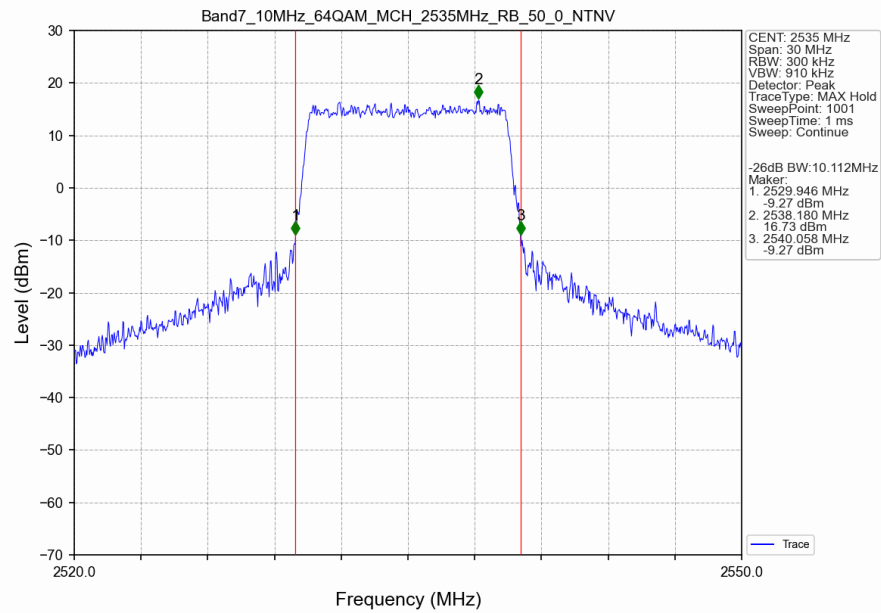
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



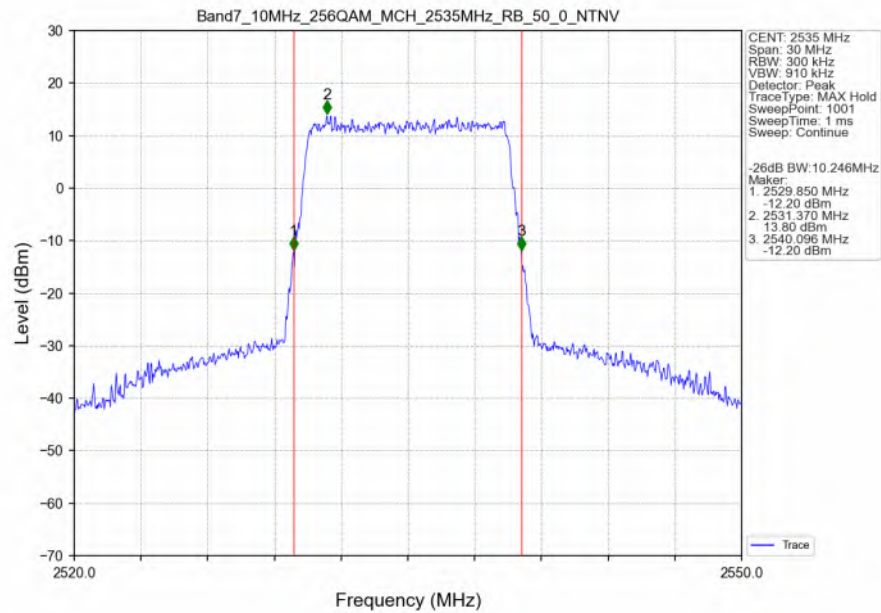
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



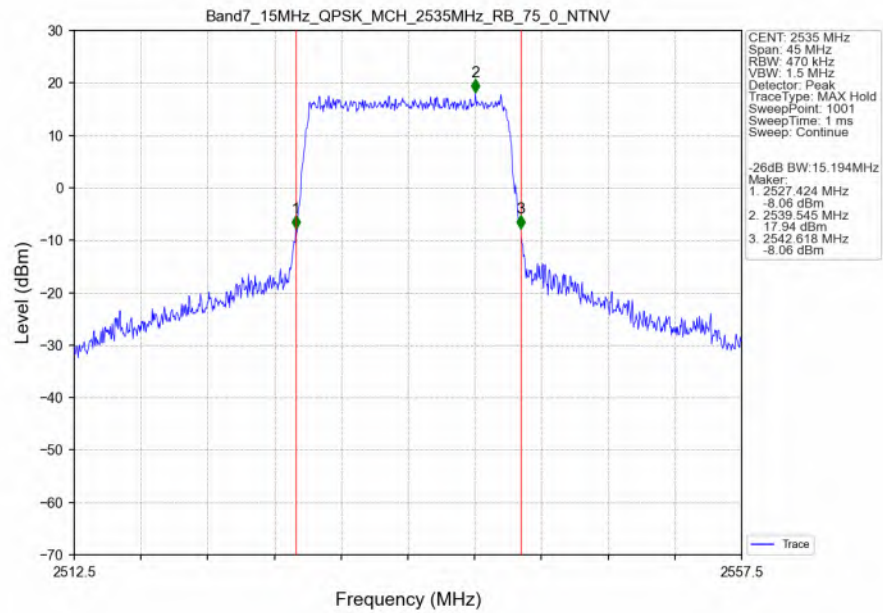
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTN



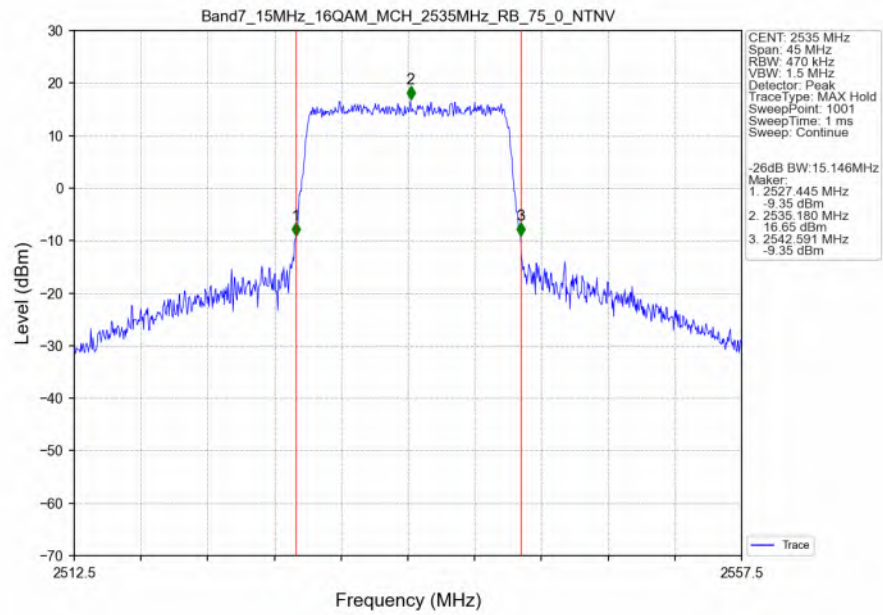
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



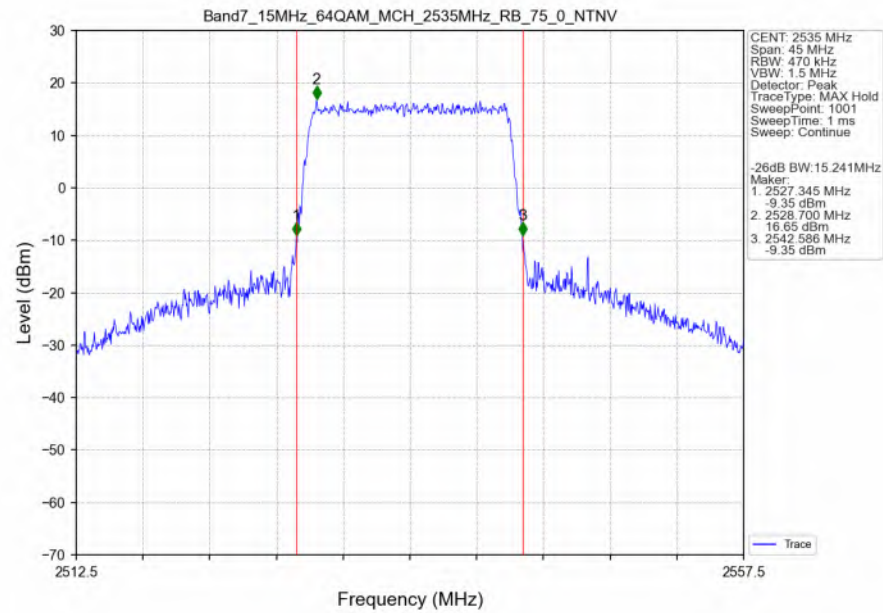
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



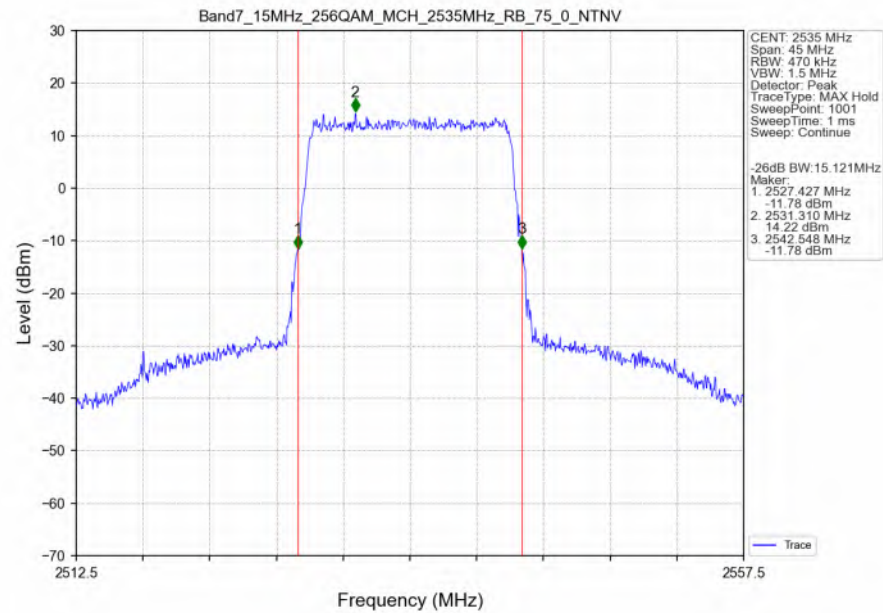
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



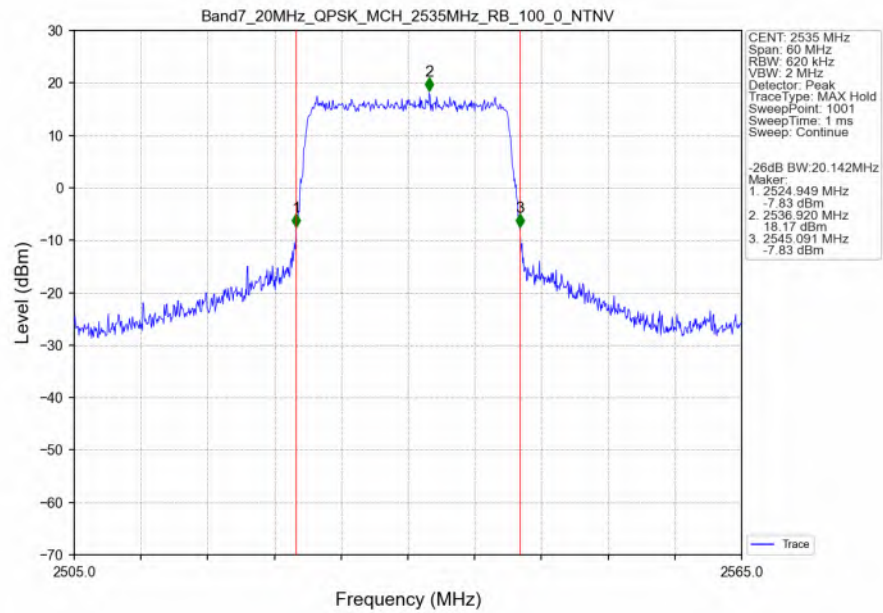
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



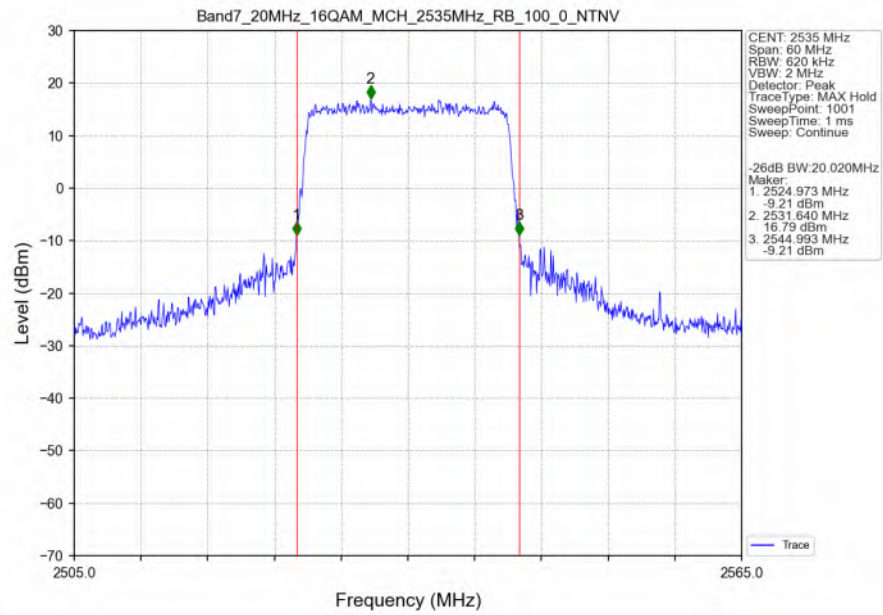
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



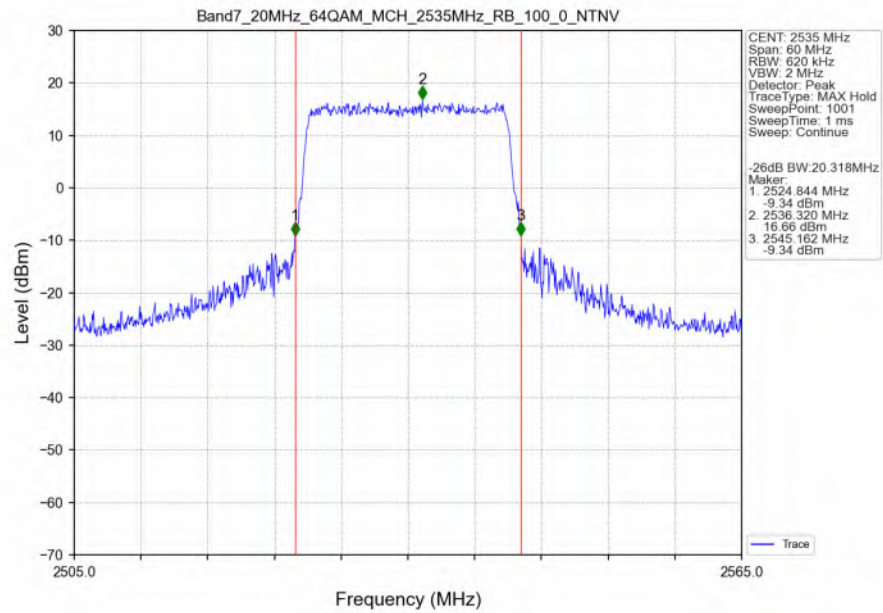
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



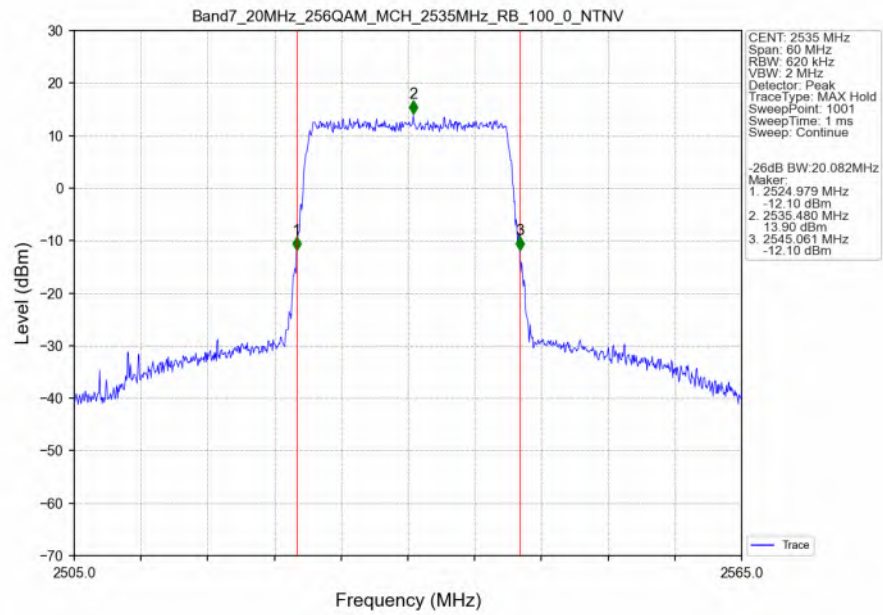
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

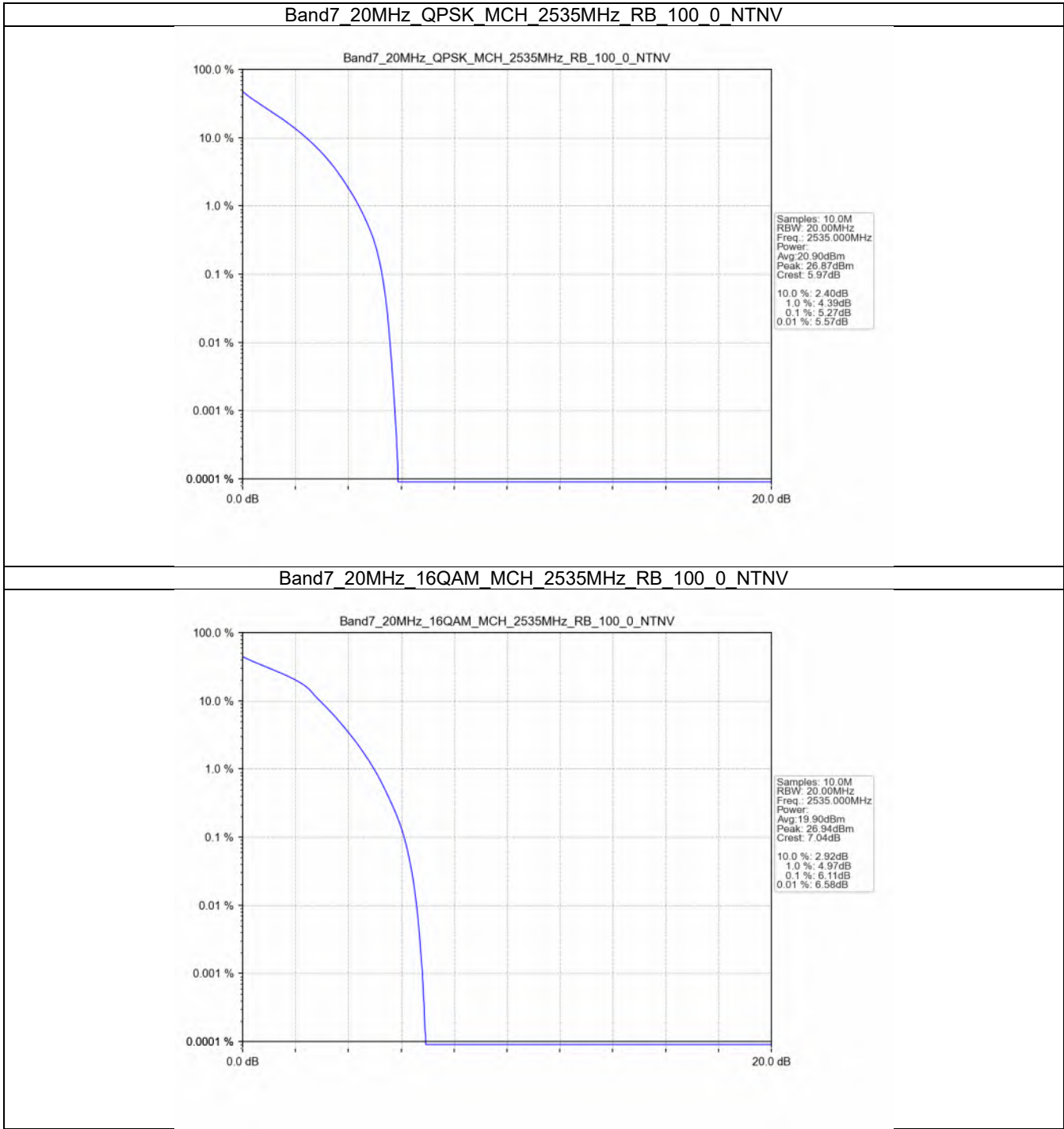
4.1 Test Result

4.1.1 B7_20MHz

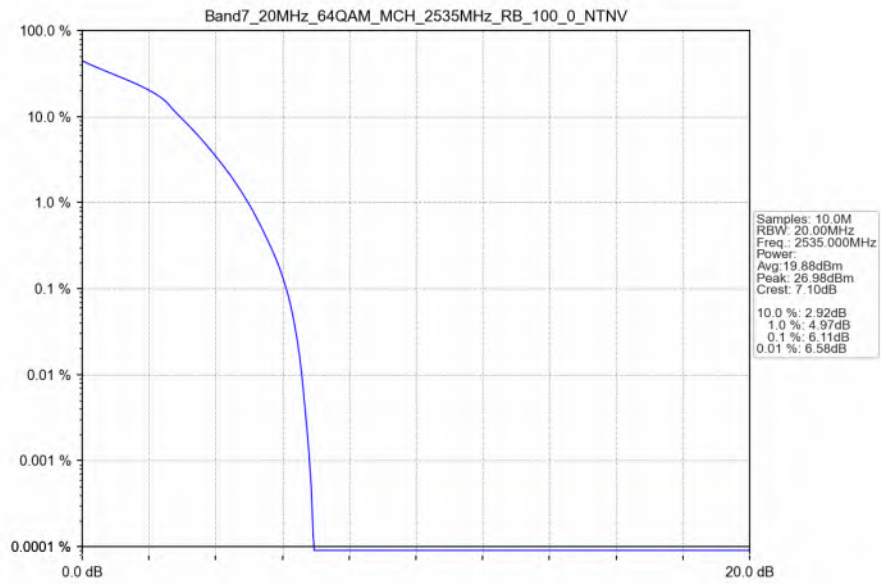
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.27	<=13	Pass
16QAM	2535	100	0	6.11	<=13	Pass
64QAM	2535	100	0	6.11	<=13	Pass
256QAM	2535	100	0	6.74	<=13	Pass

4.2 Test Graph

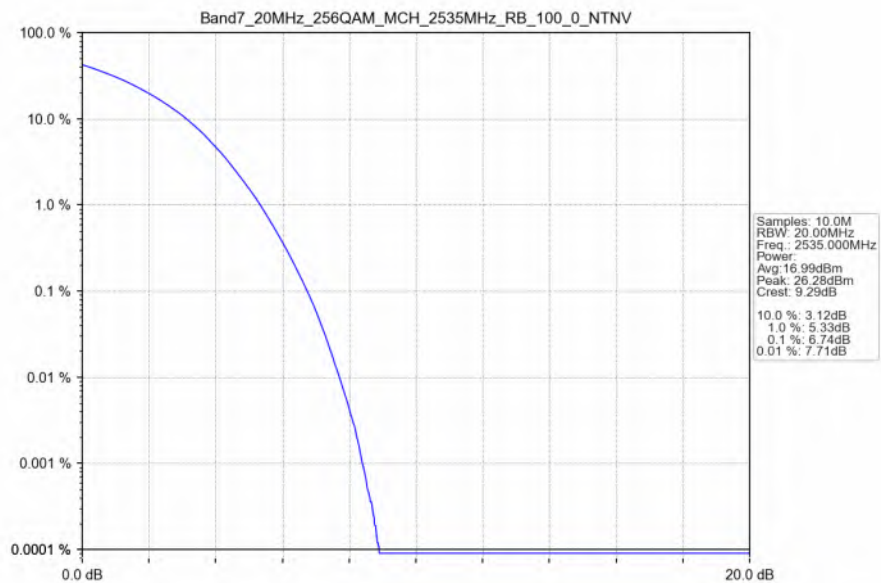
4.2.1 B7_20MHz



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



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



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 / 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

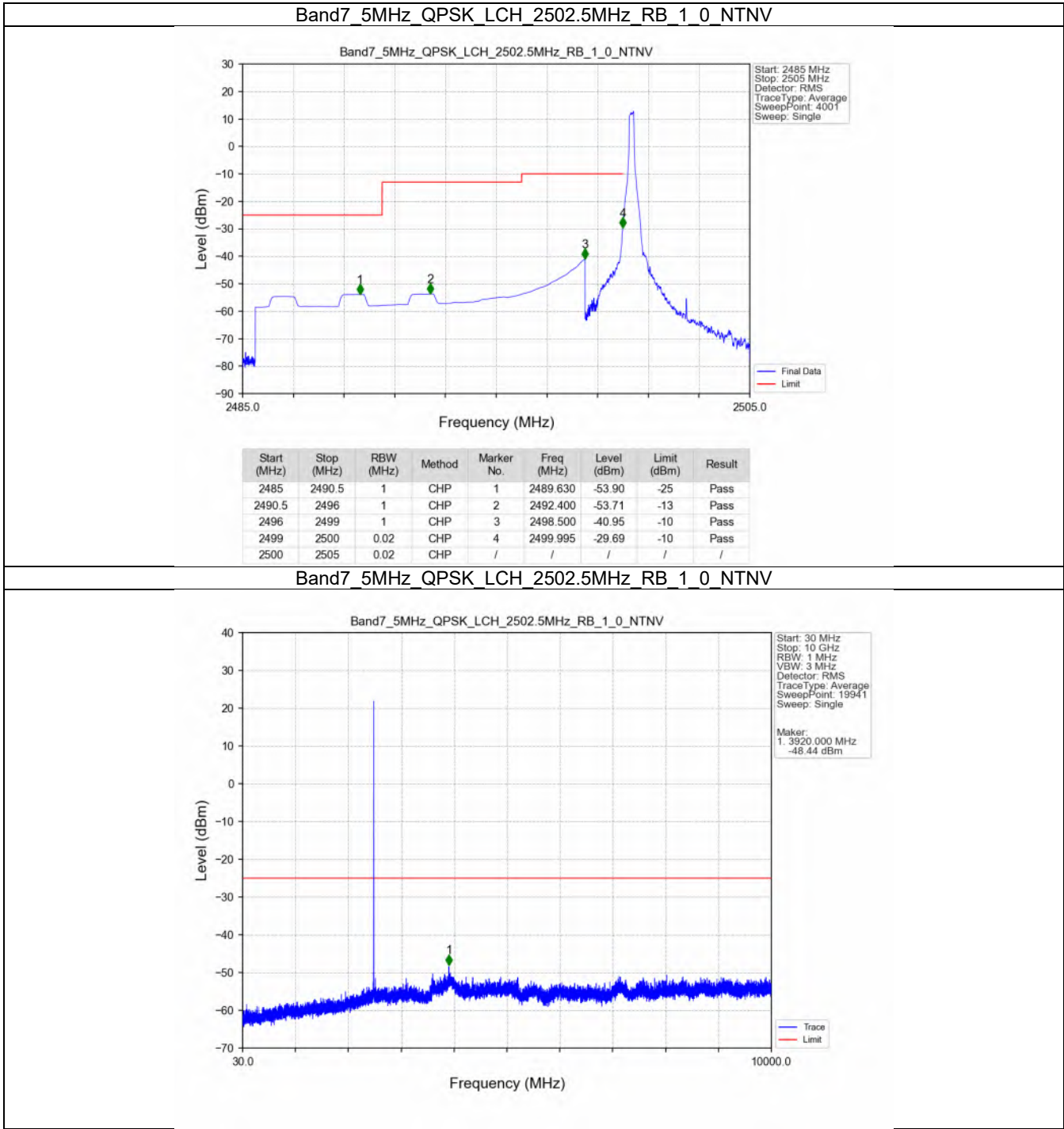
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

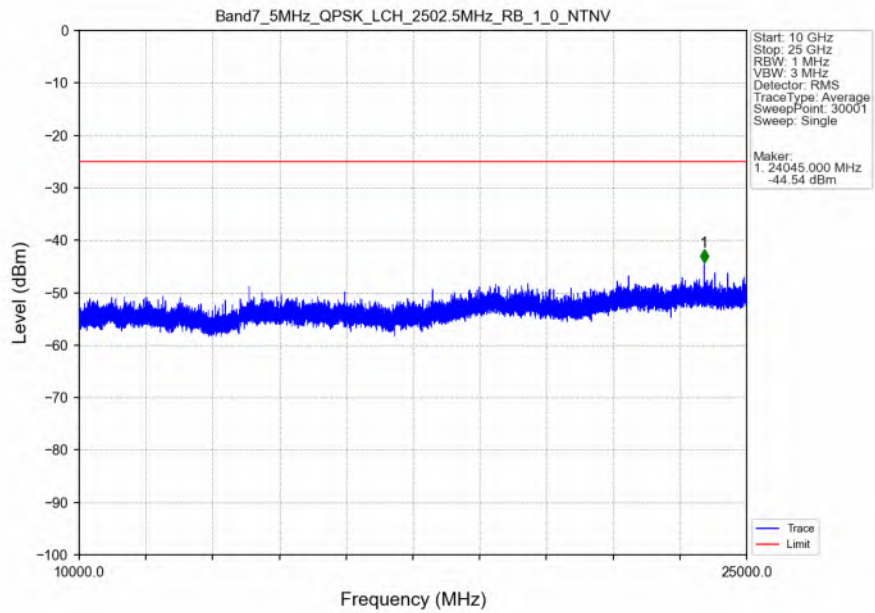
Band: 7 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

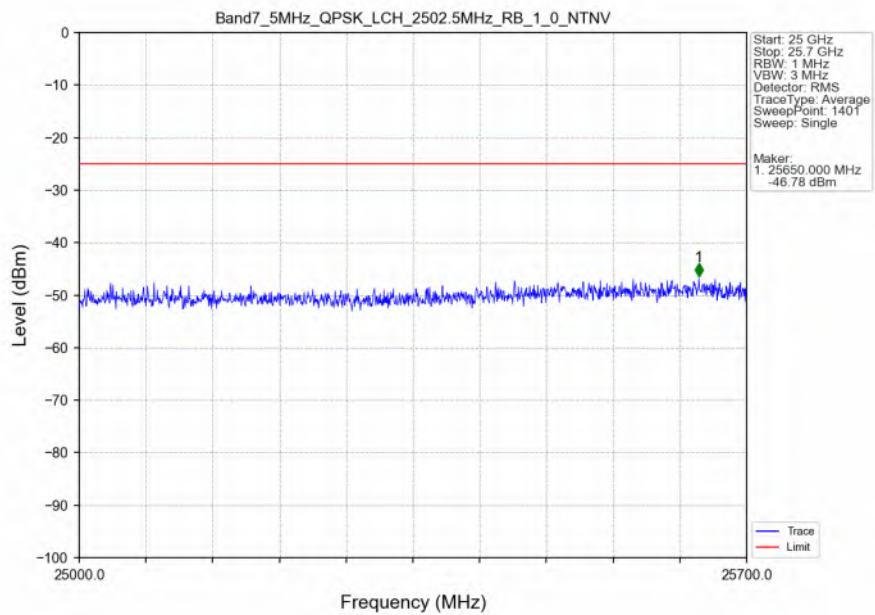
5.2.1 B7_5MHz



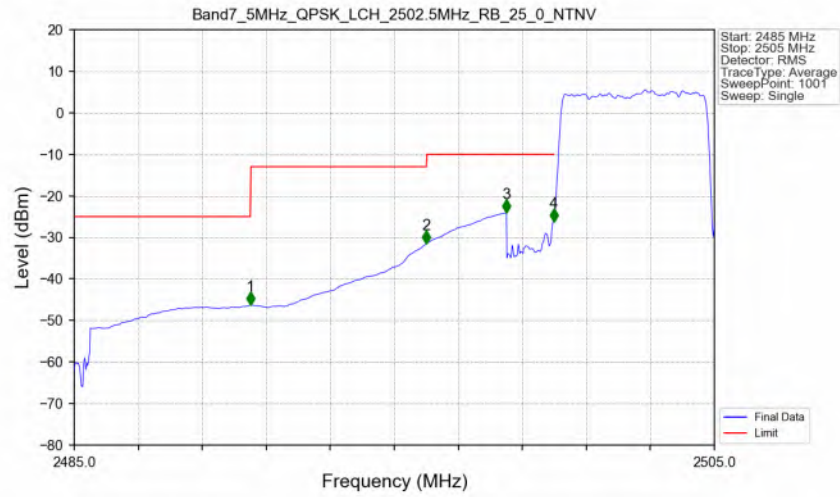
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

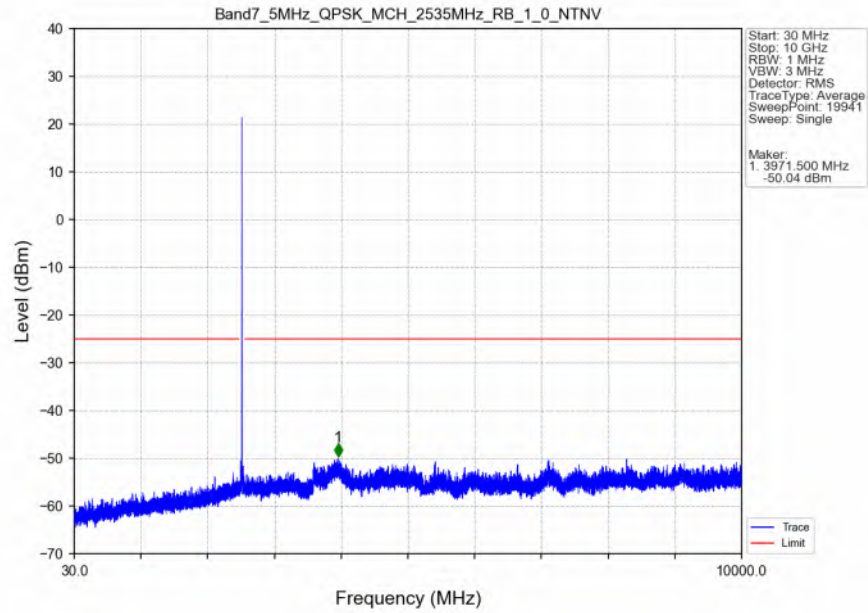


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV

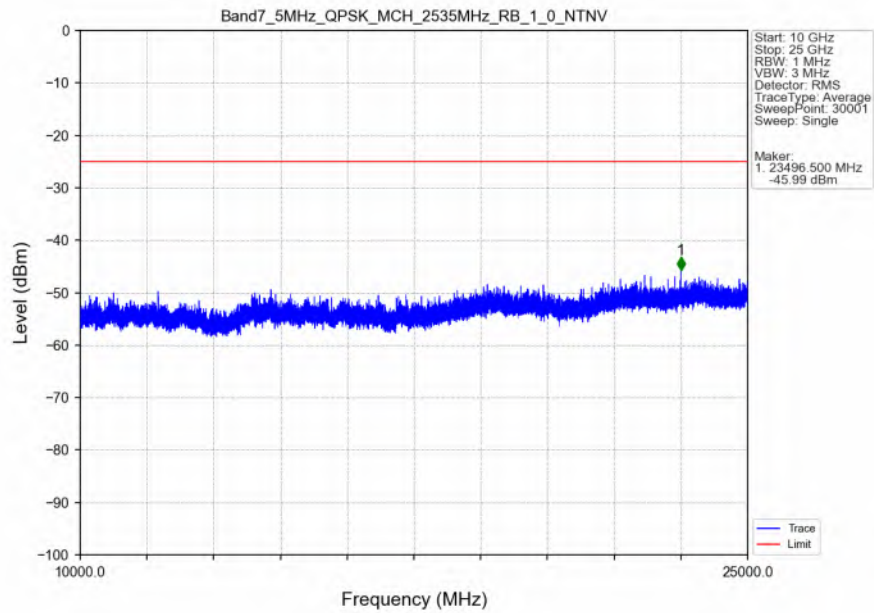


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-46.29	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-31.56	-13	Pass
2496	2499	1	CHP	3	2498.500	-24.09	-10	Pass
2499	2500	0.105	CHP	4	2499.980	-26.17	-10	Pass
2500	2505	0.105	CHP	/	/	/	/	/

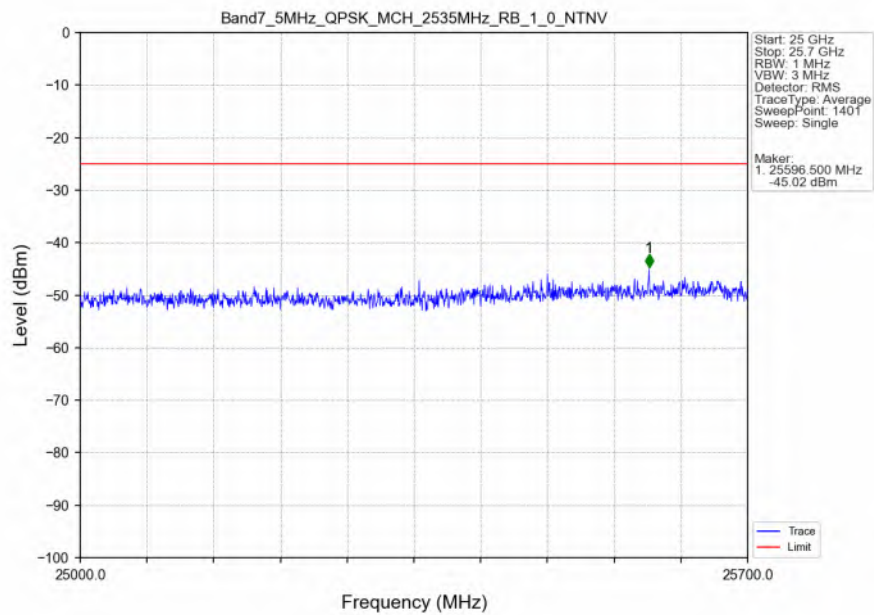
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



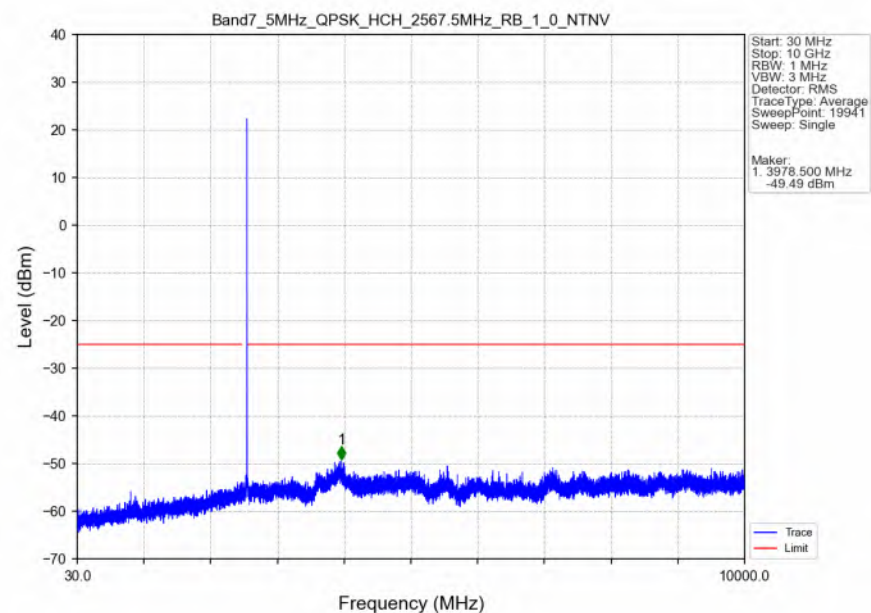
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



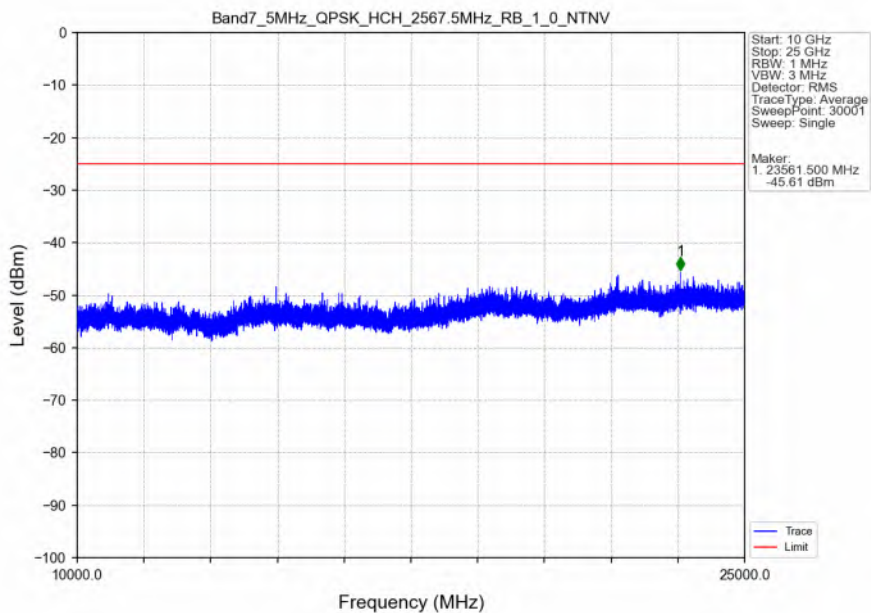
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



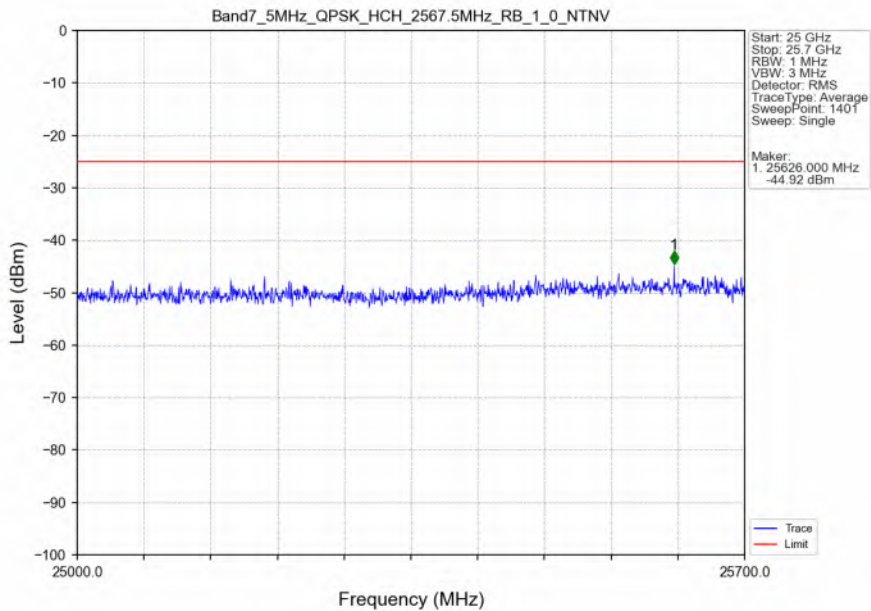
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



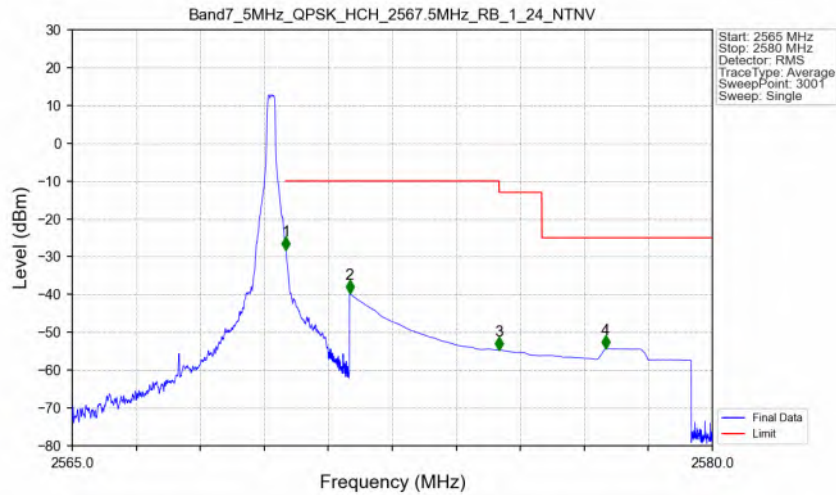
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

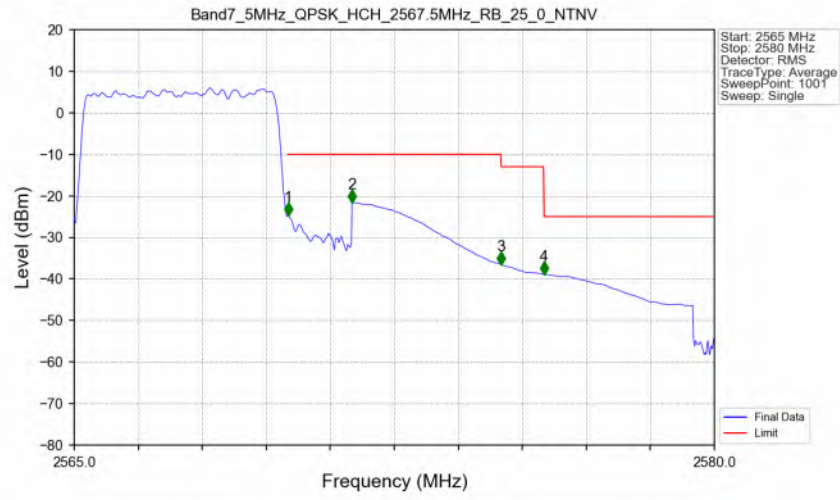


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



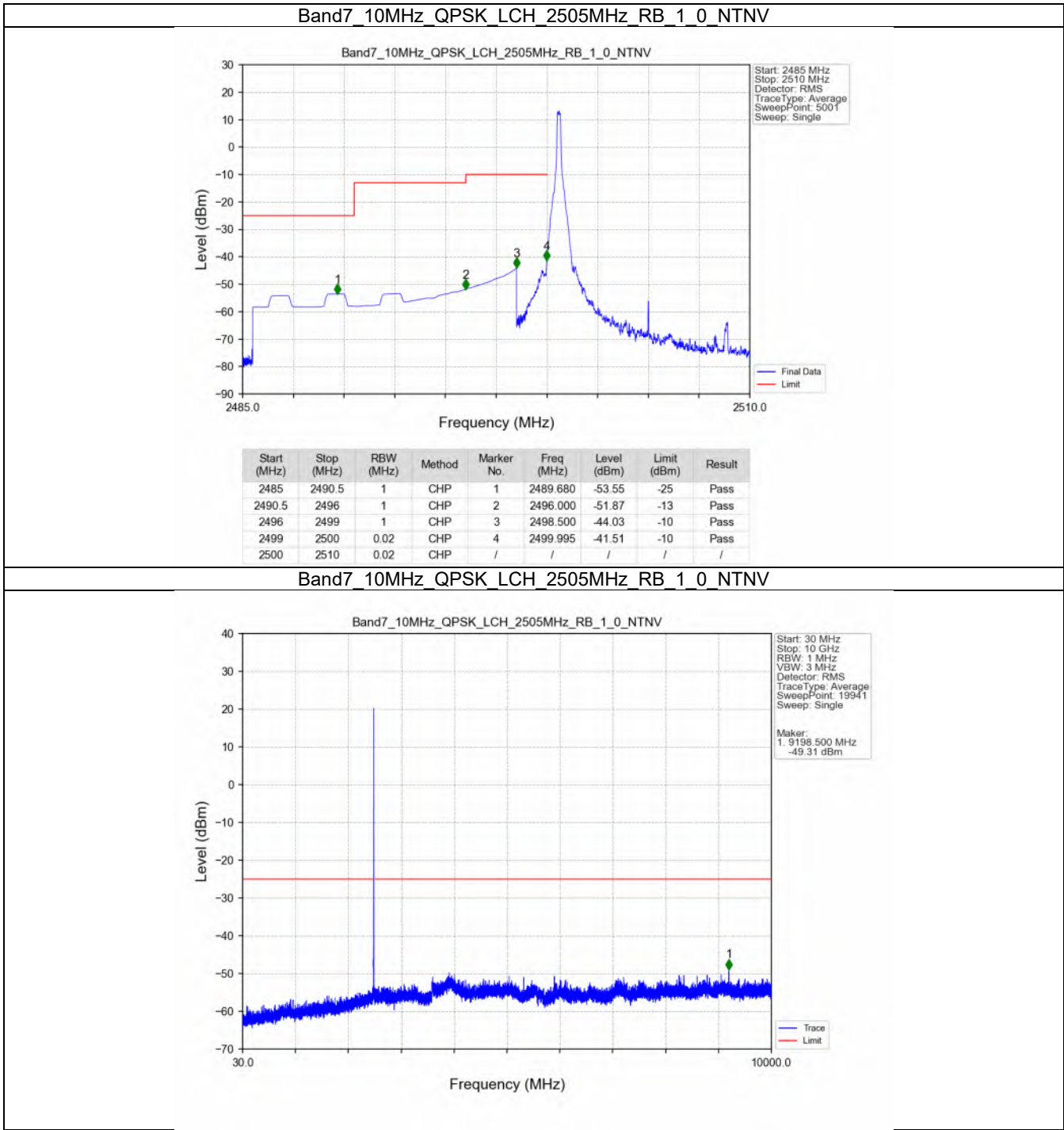
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.18	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.75	-10	Pass
2575	2576	1	CHP	3	2575.005	-54.66	-13	Pass
2576	2580	1	CHP	4	2577.500	-54.33	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV

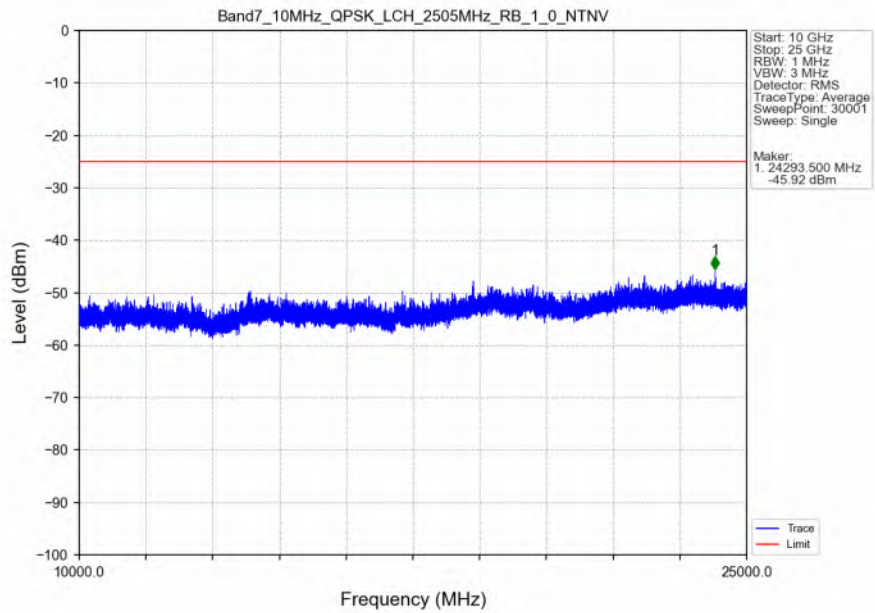


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.105	CHP	/	/	/	/	/
2570	2571	0.105	CHP	1	2570.010	-24.81	-10	Pass
2571	2575	1	CHP	2	2571.510	-21.61	-10	Pass
2575	2576	1	CHP	3	2575.005	-36.52	-13	Pass
2576	2580	1	CHP	4	2576.010	-38.88	-25	Pass

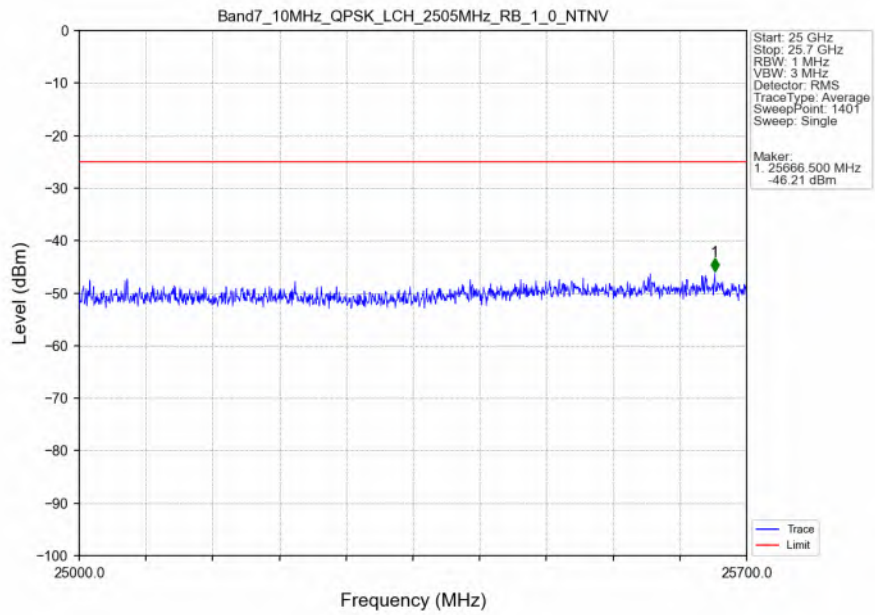
5.2.2 B7_10MHz



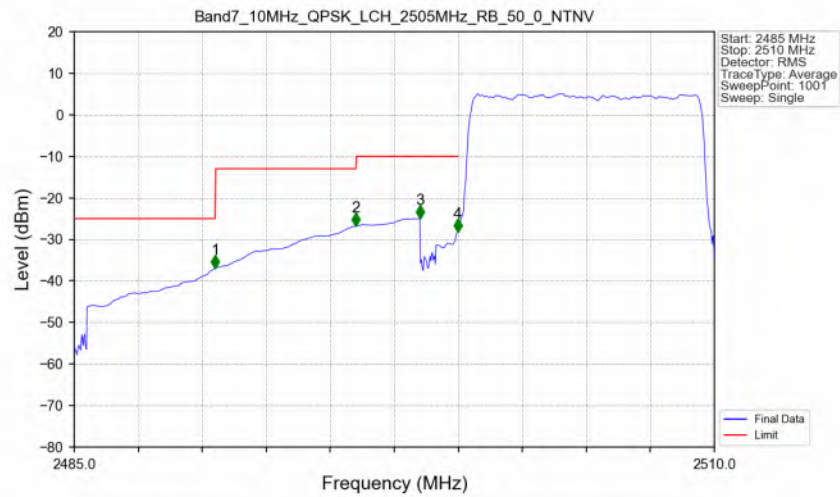
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN



Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN

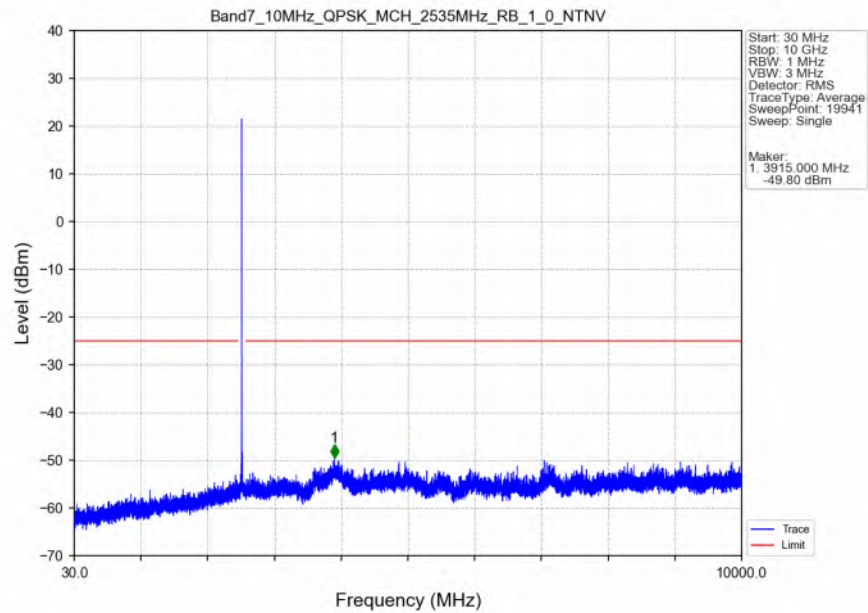


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

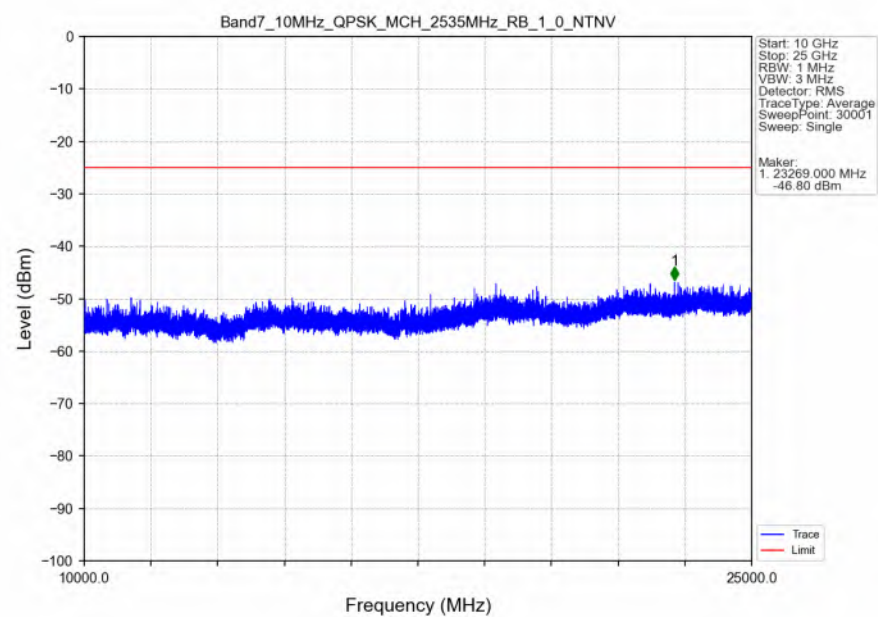


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-36.98	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-26.83	-13	Pass
2496	2499	1	CHP	3	2498.500	-24.95	-10	Pass
2499	2500	0.204	CHP	4	2499.975	-28.16	-10	Pass
2500	2510	0.204	CHP	/	/	/	/	/

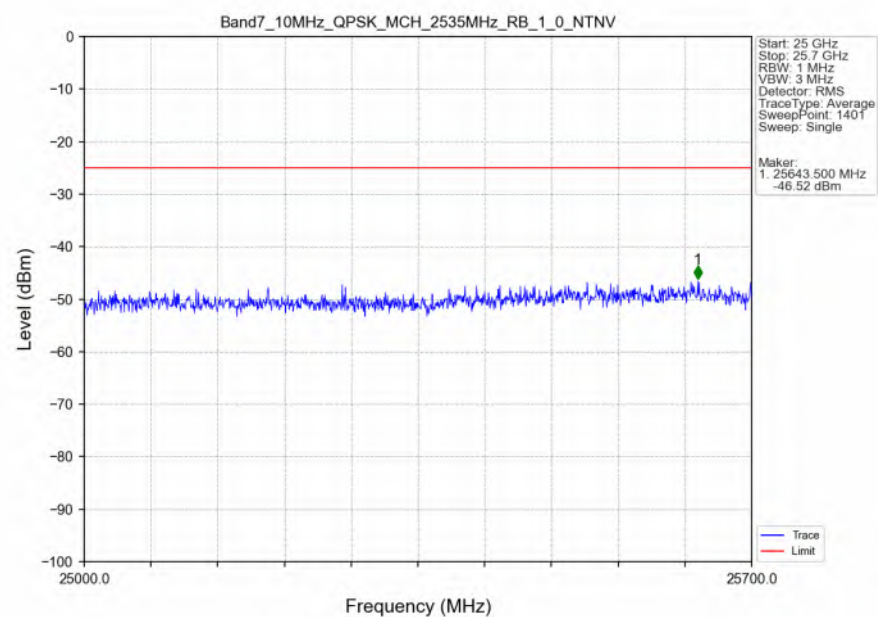
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



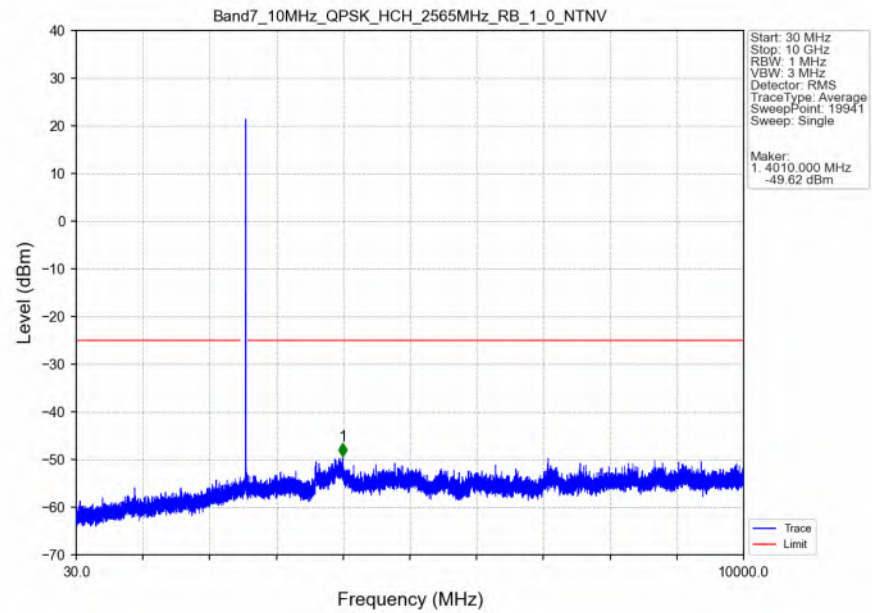
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



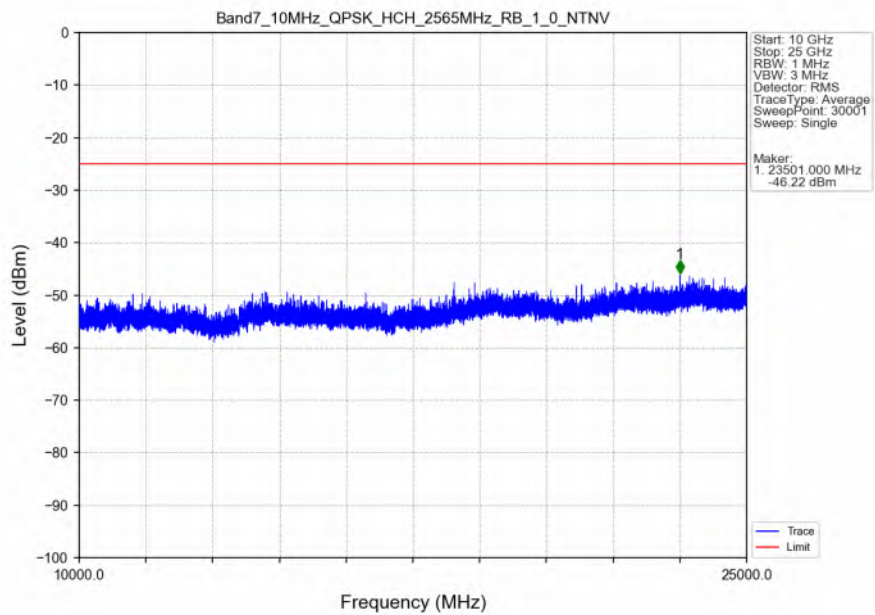
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



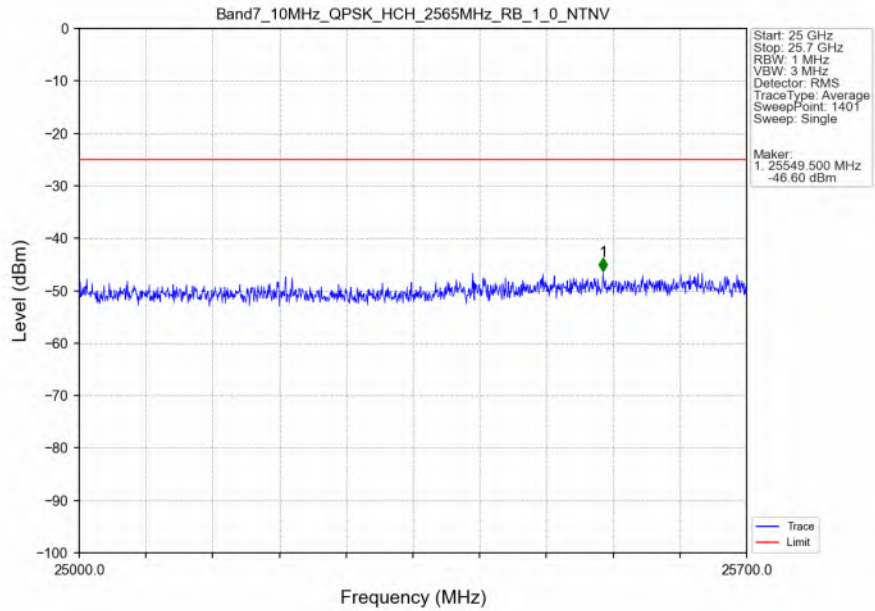
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



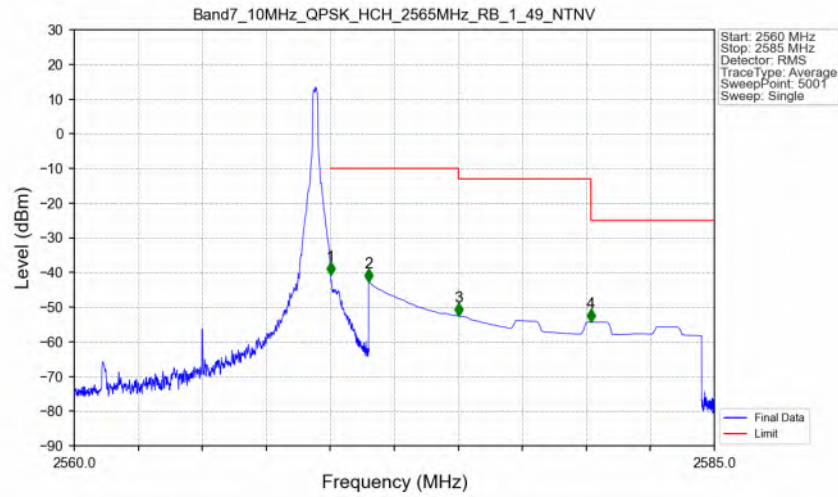
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

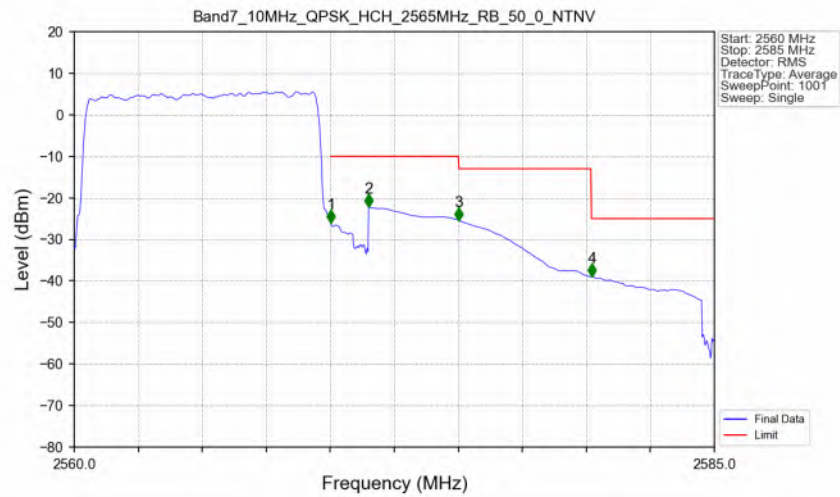


Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



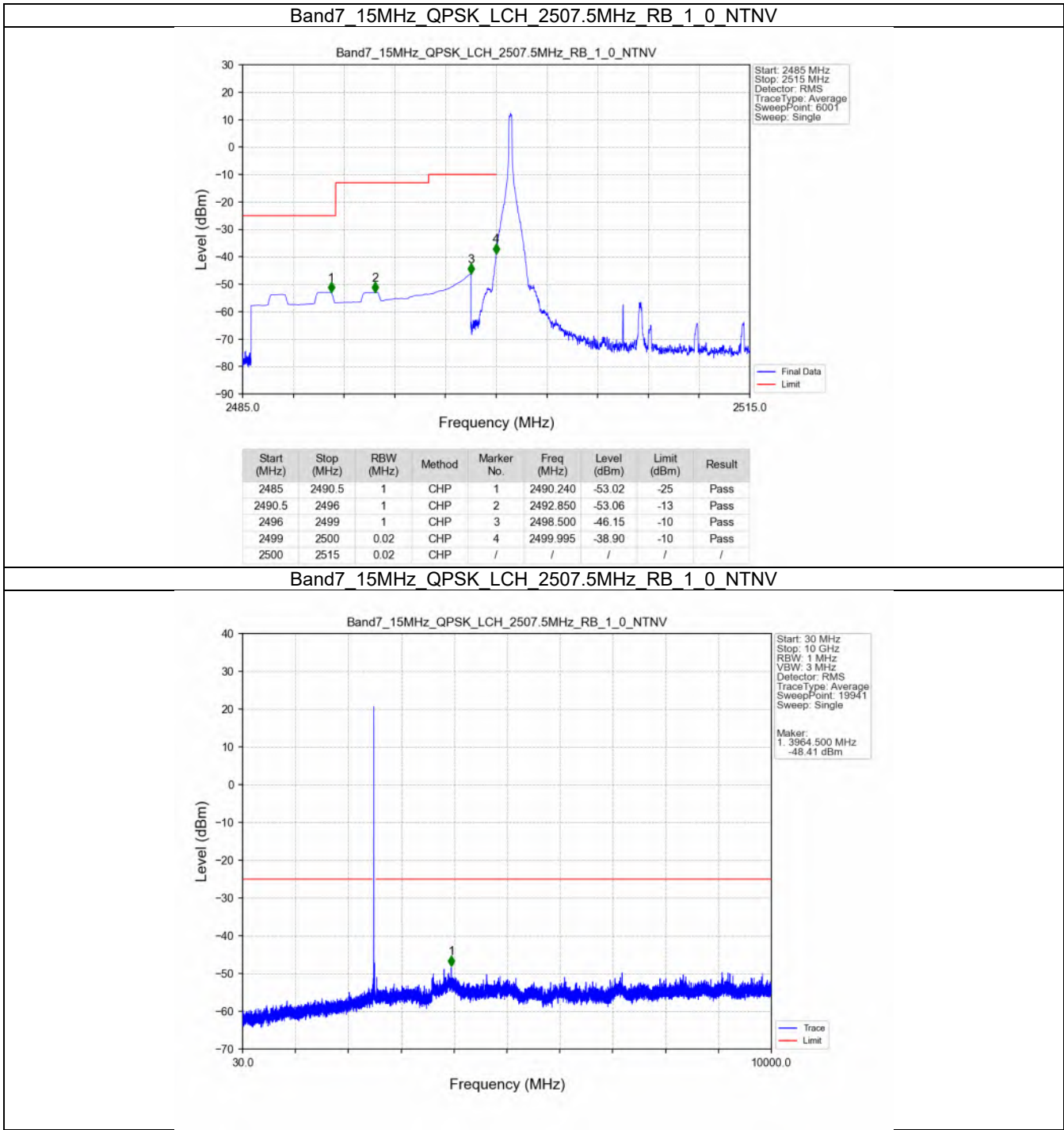
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-40.83	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.79	-10	Pass
2575	2580.179	1	CHP	3	2575.005	-52.59	-13	Pass
2580.179	2585	1	CHP	4	2580.180	-54.30	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

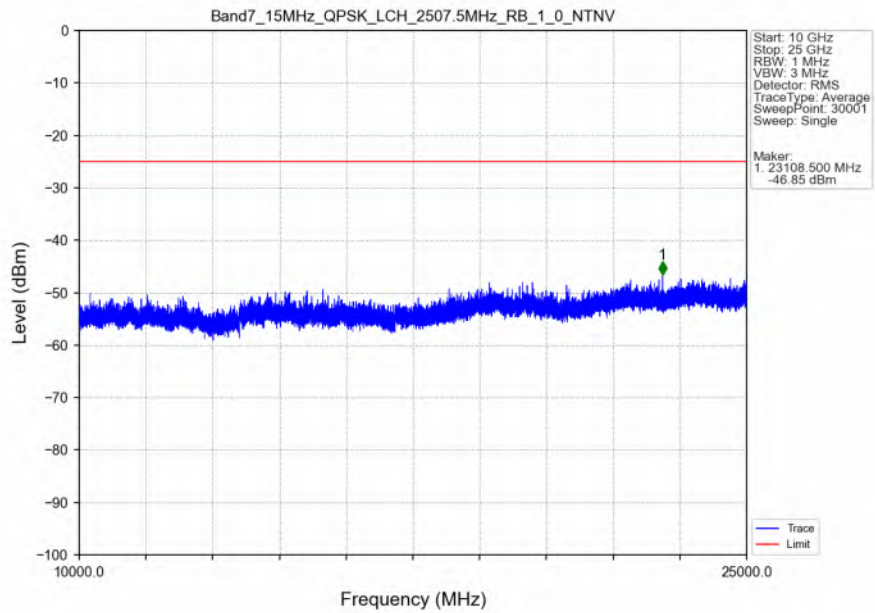


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.204	CHP	/	/	/	/	/
2570	2571	0.204	CHP	1	2570.025	-26.06	-10	Pass
2571	2575	1	CHP	2	2571.500	-22.25	-10	Pass
2575	2580.179	1	CHP	3	2575.025	-25.47	-13	Pass
2580.179	2585	1	CHP	4	2580.225	-39.01	-25	Pass

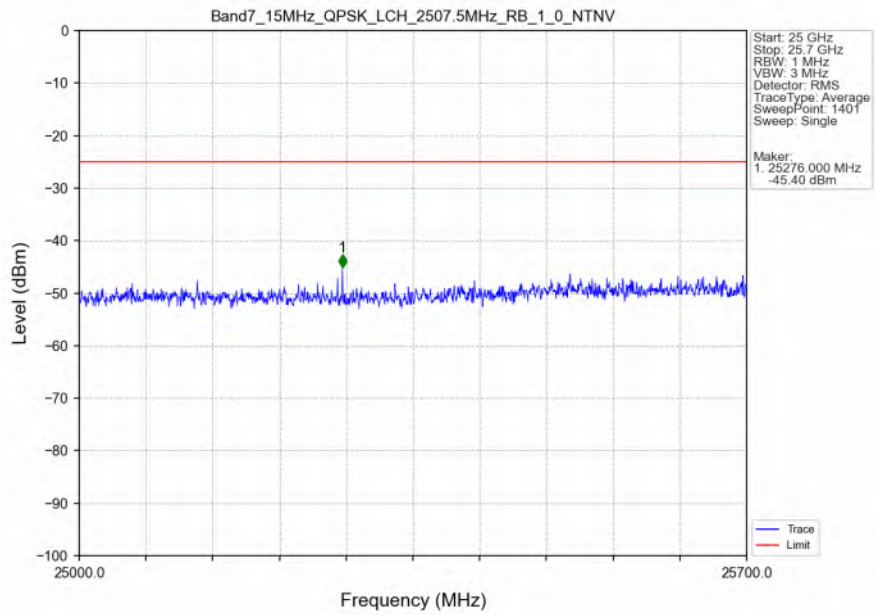
5.2.3 B7_15MHz



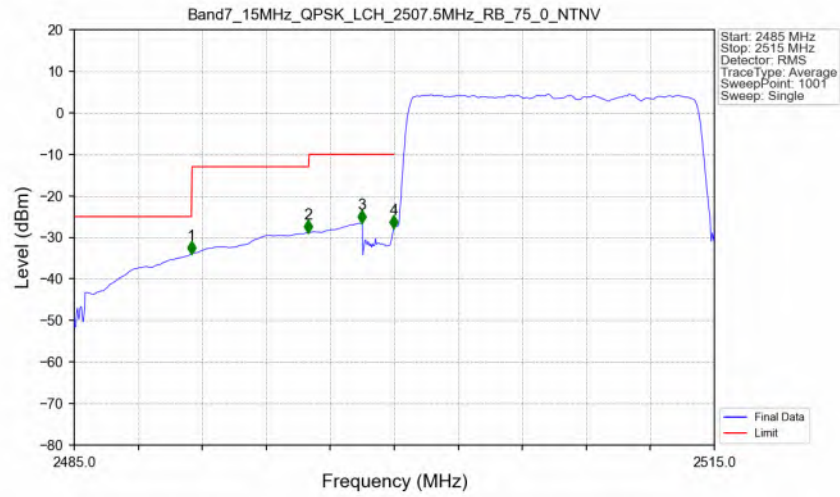
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

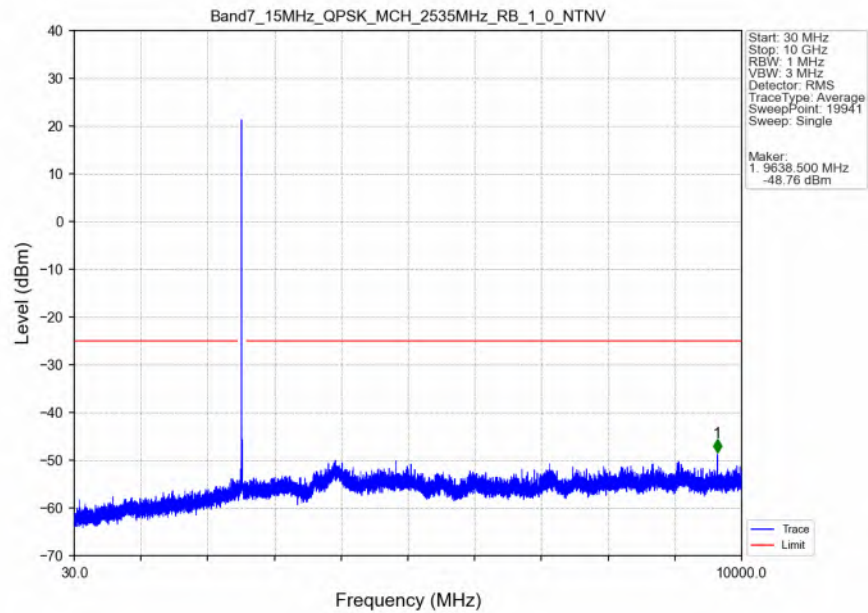


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

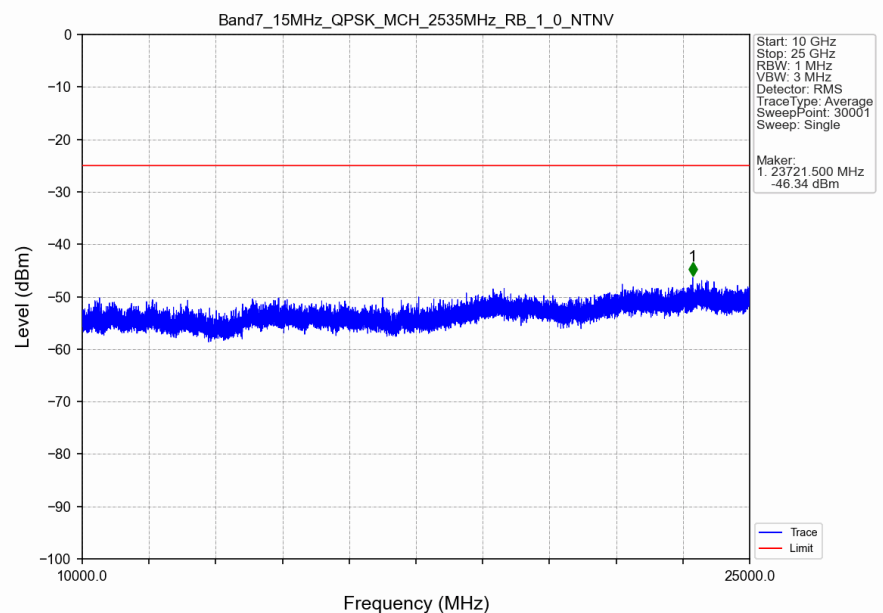


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.98	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-28.89	-13	Pass
2496	2499	1	CHP	3	2498.470	-26.61	-10	Pass
2499	2500	0.304	CHP	4	2499.970	-27.79	-10	Pass
2500	2515	0.304	CHP	/	/	/	/	/

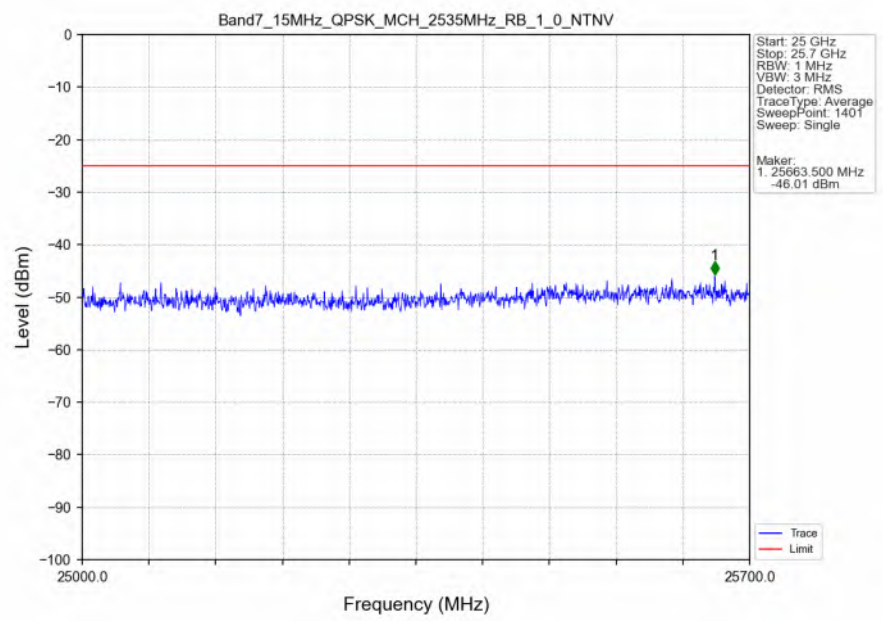
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



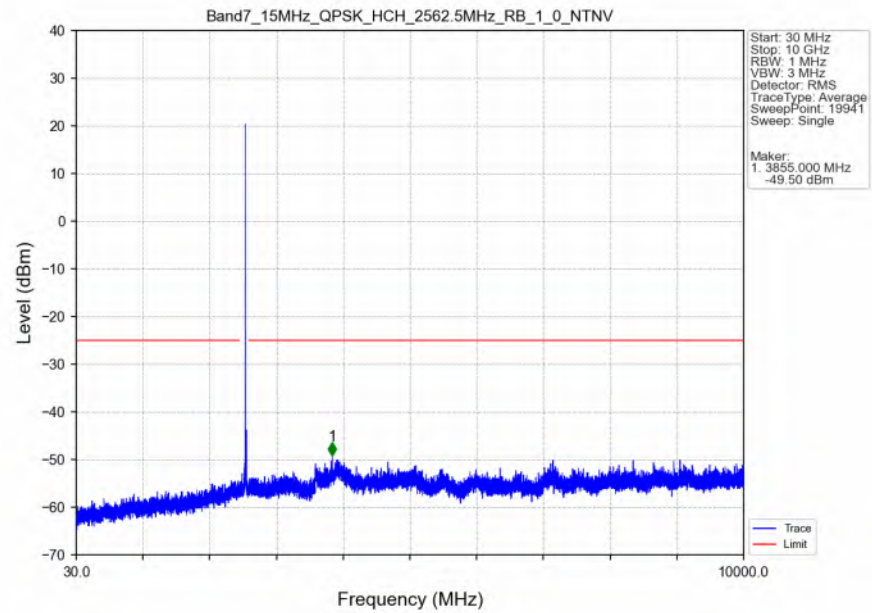
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



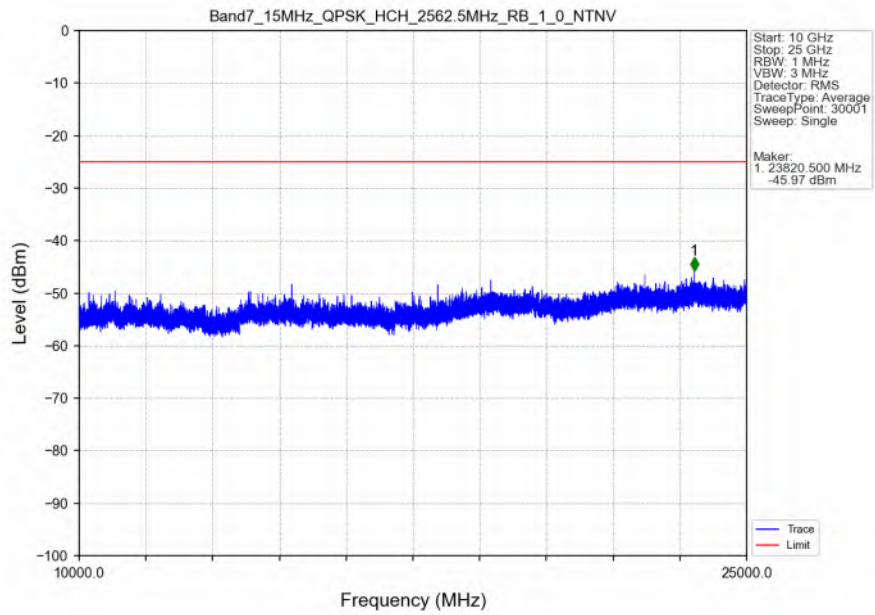
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



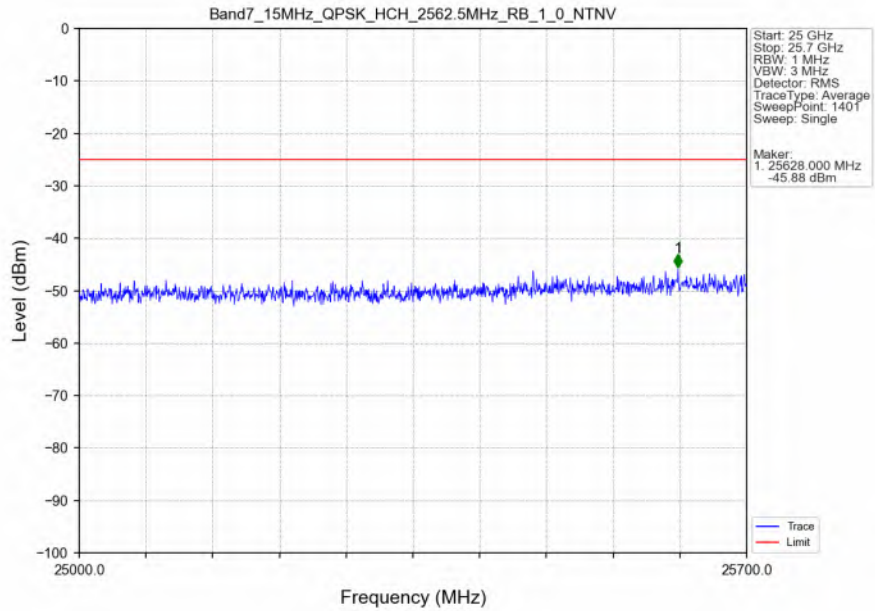
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



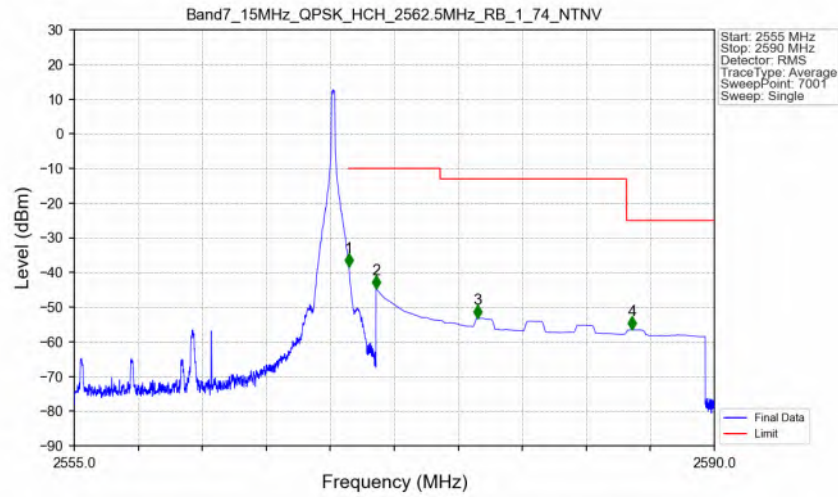
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

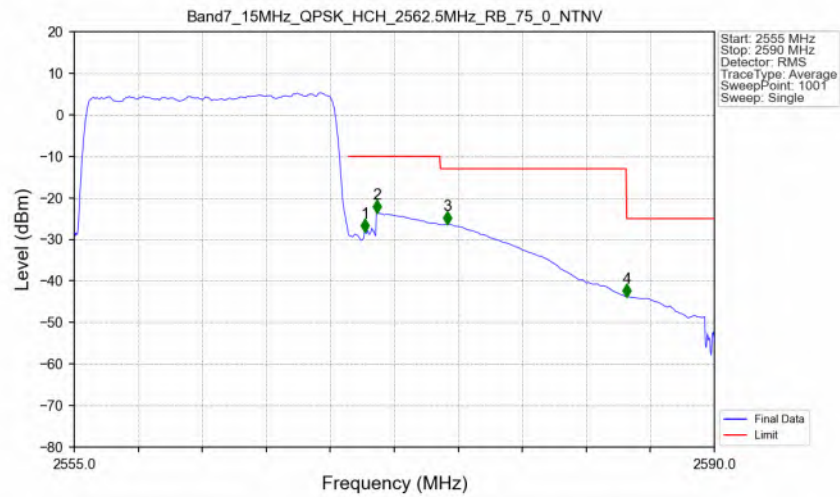


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



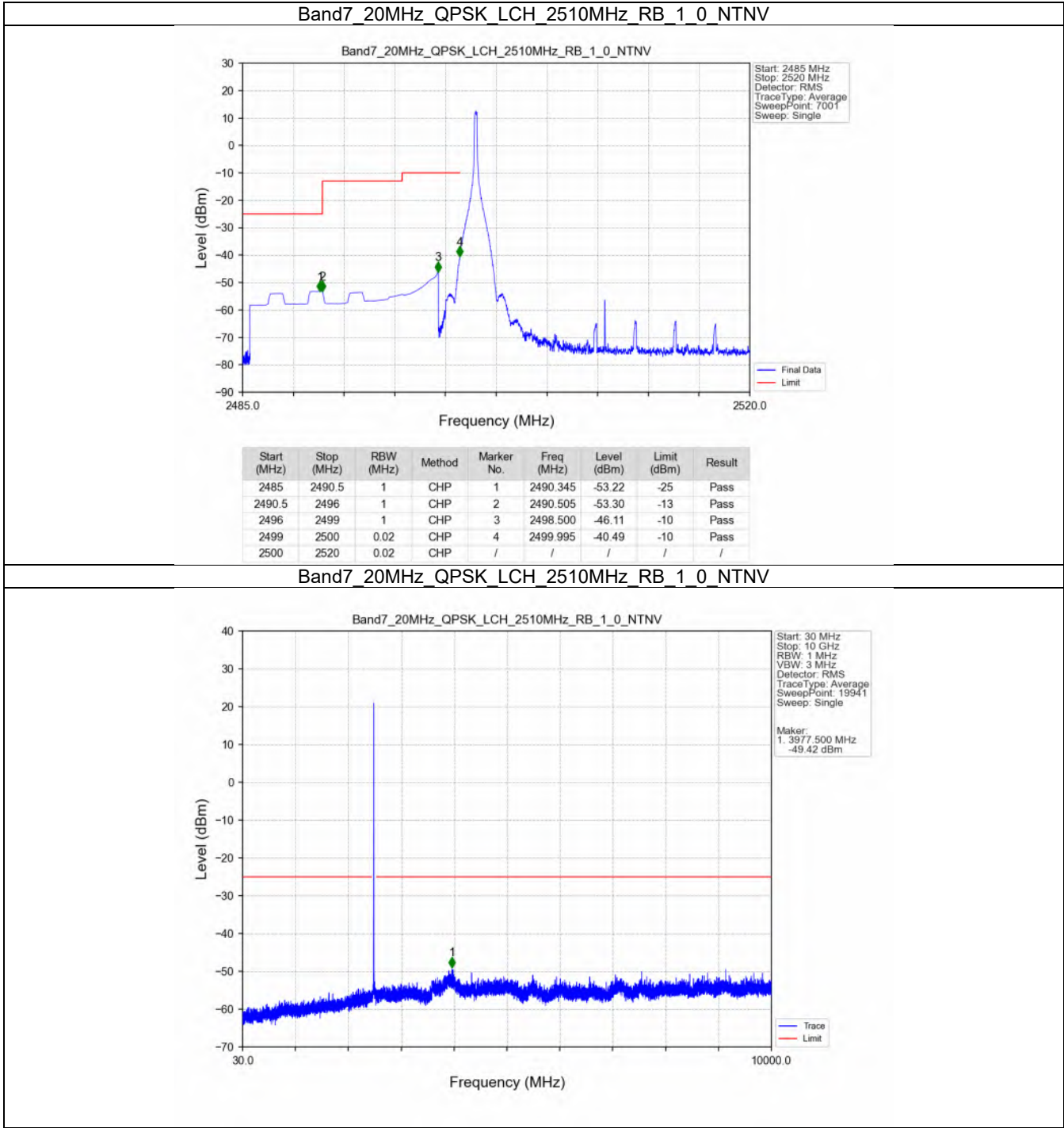
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-38.31	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.78	-10	Pass
2575	2585.194	1	CHP	3	2577.040	-53.23	-13	Pass
2585.194	2590	1	CHP	4	2585.500	-56.52	-25	Pass

Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV

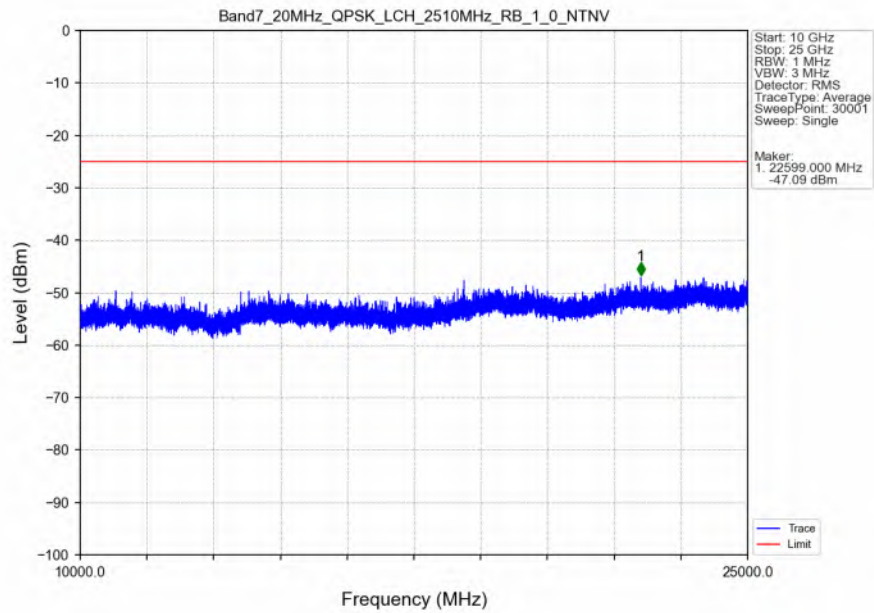


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.304	CHP	/	/	/	/	/
2570	2571	0.304	CHP	1	2570.890	-28.18	-10	Pass
2571	2575	1	CHP	2	2571.555	-23.65	-10	Pass
2575	2585.194	1	CHP	3	2575.405	-26.33	-13	Pass
2585.194	2590	1	CHP	4	2585.205	-43.82	-25	Pass

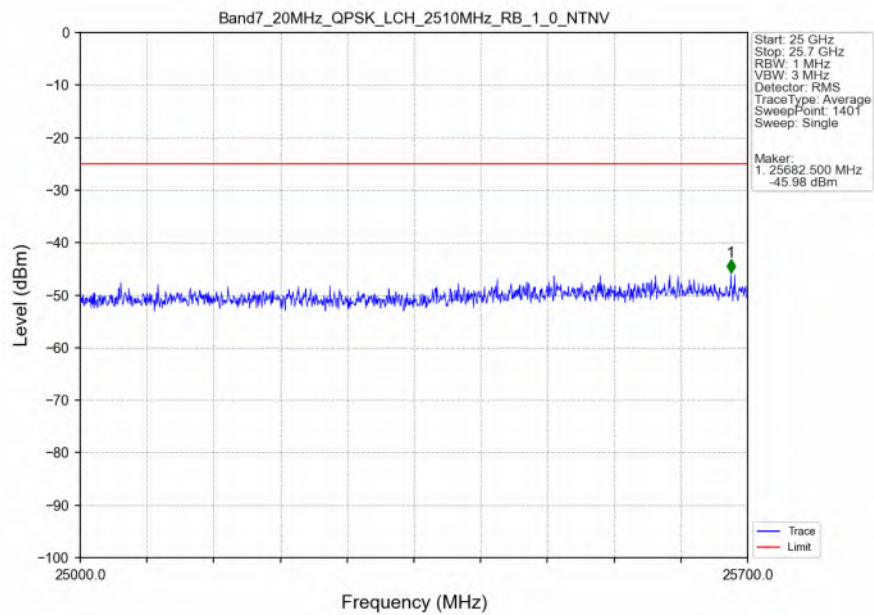
5.2.4 B7_20MHz



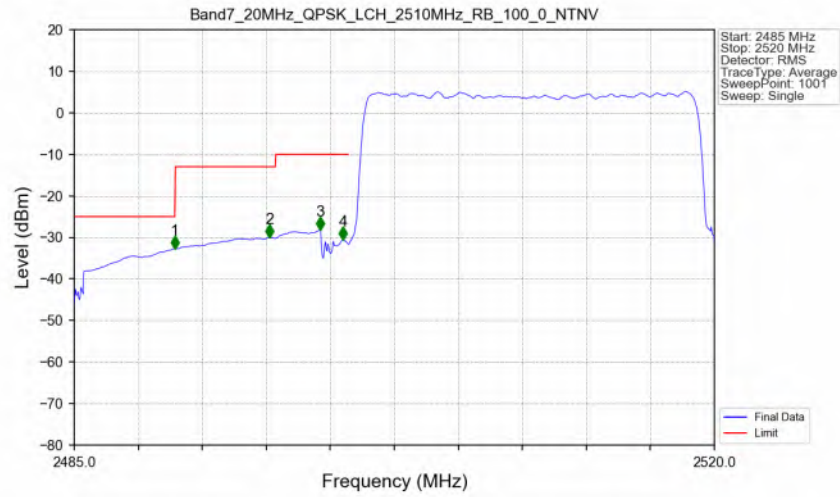
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

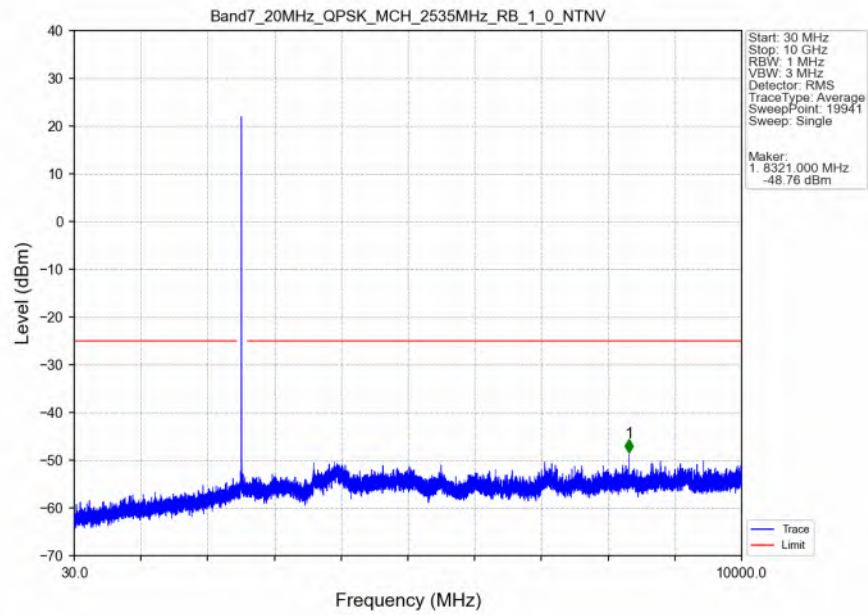


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

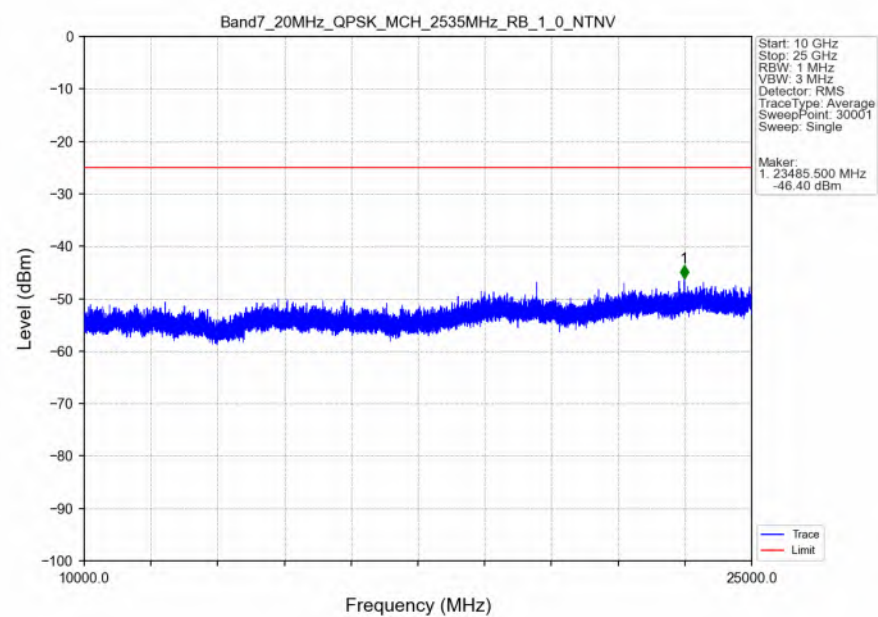


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-32.75	-25	Pass
2490.5	2496	1	CHP	2	2495.675	-30.03	-13	Pass
2496	2499	1	CHP	3	2498.440	-28.27	-10	Pass
2499	2500	0.403	CHP	4	2499.700	-30.61	-10	Pass
2500	2520	0.403	CHP	/	/	/	/	/

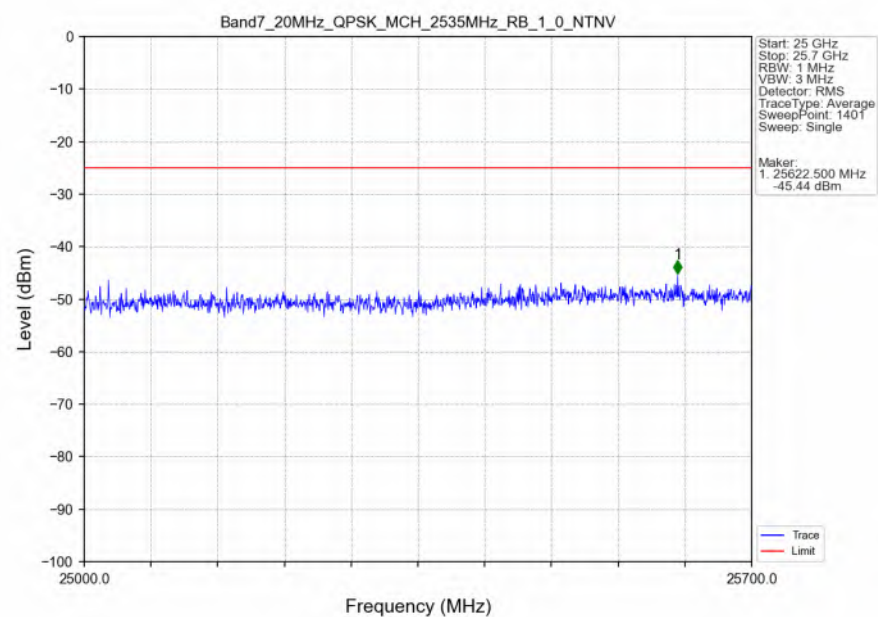
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



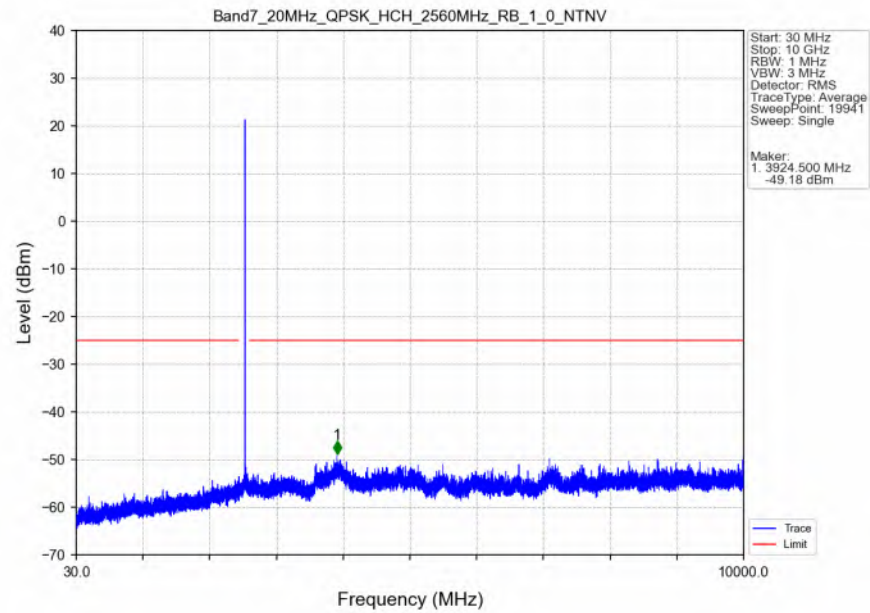
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTN



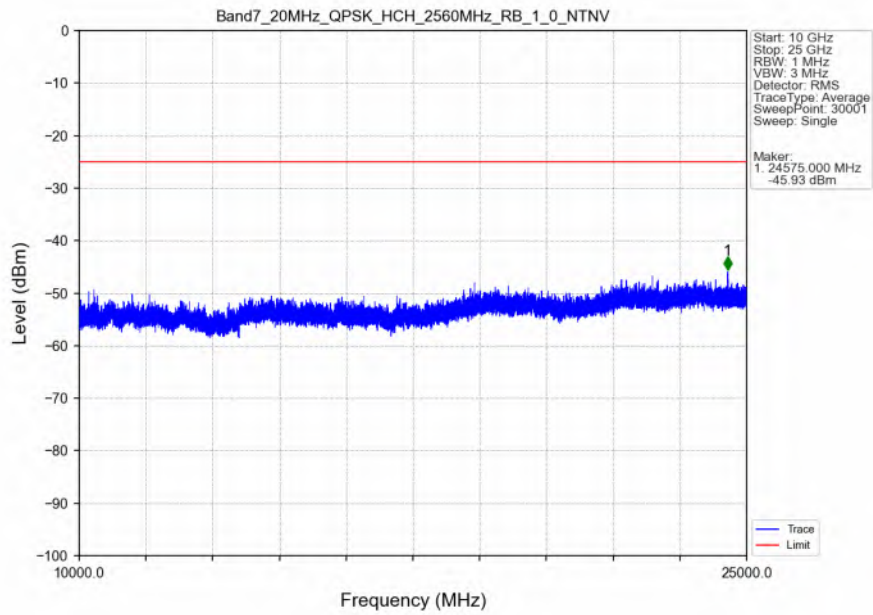
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTN



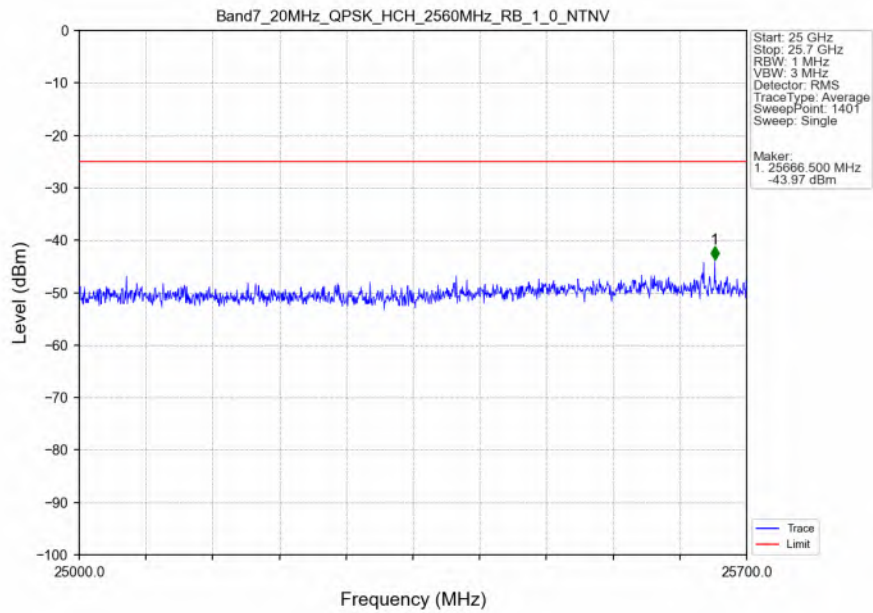
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



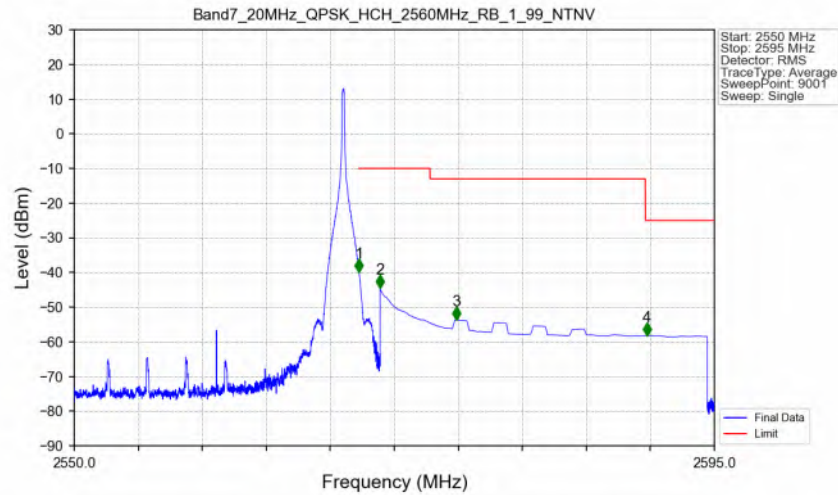
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV

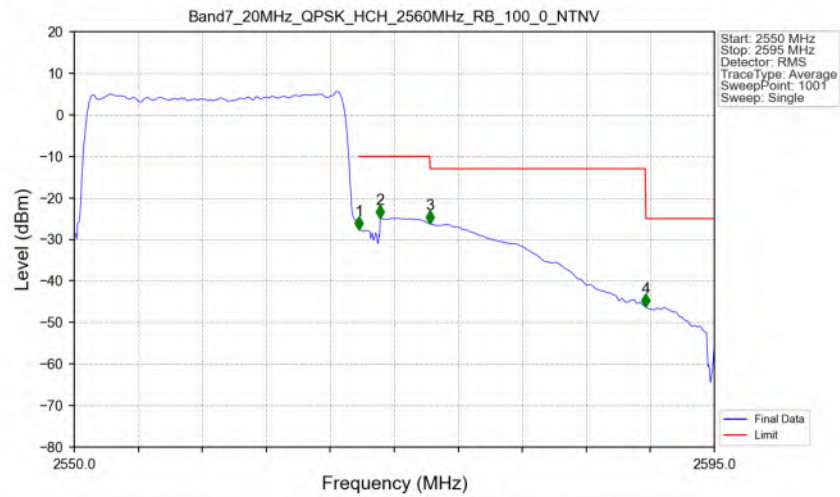


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV



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	-39.79	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.50	-10	Pass
2575	2590.142	1	CHP	3	2576.845	-53.71	-13	Pass
2590.142	2595	1	CHP	4	2590.240	-58.21	-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	0.403	CHP	/	/	/	/	/
2570	2571	0.403	CHP	1	2570.025	-27.60	-10	Pass
2571	2575	1	CHP	2	2571.510	-24.89	-10	Pass
2575	2590.142	1	CHP	3	2575.020	-26.22	-13	Pass
2590.142	2595	1	CHP	4	2590.185	-46.27	-25	Pass