

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	23.19	-0.45	22.74	<=33.01	Pass
			13	23.18	-0.45	22.73	<=33.01	Pass
			24	23.13	-0.45	22.68	<=33.01	Pass
		12	0	22.12	-0.45	21.67	<=33.01	Pass
			6	22.19	-0.45	21.74	<=33.01	Pass
			13	22.12	-0.45	21.67	<=33.01	Pass
		25	0	22.17	-0.45	21.72	<=33.01	Pass
	2535	1	0	23.29	-0.45	22.84	<=33.01	Pass
			13	23.34	-0.45	22.89	<=33.01	Pass
			24	23.29	-0.45	22.84	<=33.01	Pass
		12	0	22.21	-0.45	21.76	<=33.01	Pass
			6	22.24	-0.45	21.79	<=33.01	Pass
			13	22.28	-0.45	21.83	<=33.01	Pass
		25	0	22.18	-0.45	21.73	<=33.01	Pass
	2567.5	1	0	23.25	-0.45	22.80	<=33.01	Pass
			13	23.37	-0.45	22.92	<=33.01	Pass
			24	23.31	-0.45	22.86	<=33.01	Pass
		12	0	22.26	-0.45	21.81	<=33.01	Pass
			6	22.32	-0.45	21.87	<=33.01	Pass
			13	22.29	-0.45	21.84	<=33.01	Pass
		25	0	22.26	-0.45	21.81	<=33.01	Pass
16QAM	2502.5	1	0	22.23	-0.45	21.78	<=33.01	Pass
			13	22.31	-0.45	21.86	<=33.01	Pass
			24	22.28	-0.45	21.83	<=33.01	Pass
		12	0	21.11	-0.45	20.66	<=33.01	Pass
			6	21.10	-0.45	20.65	<=33.01	Pass
			13	21.12	-0.45	20.67	<=33.01	Pass
		25	0	21.11	-0.45	20.66	<=33.01	Pass
	2535	1	0	22.45	-0.45	22.00	<=33.01	Pass
			13	22.42	-0.45	21.97	<=33.01	Pass
			24	22.35	-0.45	21.90	<=33.01	Pass
		12	0	21.23	-0.45	20.78	<=33.01	Pass
			6	21.24	-0.45	20.79	<=33.01	Pass
			13	21.25	-0.45	20.80	<=33.01	Pass
		25	0	21.18	-0.45	20.73	<=33.01	Pass
	2567.5	1	0	22.37	-0.45	21.92	<=33.01	Pass
			13	22.53	-0.45	22.08	<=33.01	Pass
			24	22.46	-0.45	22.01	<=33.01	Pass
		12	0	21.23	-0.45	20.78	<=33.01	Pass
			6	21.29	-0.45	20.84	<=33.01	Pass
			13	21.33	-0.45	20.88	<=33.01	Pass
		25	0	21.27	-0.45	20.82	<=33.01	Pass
64QAM	2502.5	1	0	21.41	-0.45	20.96	<=33.01	Pass
			13	21.42	-0.45	20.97	<=33.01	Pass
			24	21.33	-0.45	20.88	<=33.01	Pass
		12	0	20.11	-0.45	19.66	<=33.01	Pass
			6	20.20	-0.45	19.75	<=33.01	Pass
			13	20.11	-0.45	19.66	<=33.01	Pass
		25	0	20.09	-0.45	19.64	<=33.01	Pass

	2535	1	0	21.56	-0.45	21.11	<=33.01	Pass
			13	21.64	-0.45	21.19	<=33.01	Pass
			24	21.53	-0.45	21.08	<=33.01	Pass
		12	0	20.16	-0.45	19.71	<=33.01	Pass
			6	20.25	-0.45	19.80	<=33.01	Pass
			13	20.34	-0.45	19.89	<=33.01	Pass
		25	0	20.20	-0.45	19.75	<=33.01	Pass
	2567.5	1	0	21.49	-0.45	21.04	<=33.01	Pass
			13	21.53	-0.45	21.08	<=33.01	Pass
			24	21.60	-0.45	21.15	<=33.01	Pass
		12	0	20.25	-0.45	19.80	<=33.01	Pass
			6	20.38	-0.45	19.93	<=33.01	Pass
			13	20.24	-0.45	19.79	<=33.01	Pass
		25	0	20.27	-0.45	19.82	<=33.01	Pass
256QAM	2502.5	1	0	18.22	-0.45	17.77	<=33.01	Pass
			13	18.24	-0.45	17.79	<=33.01	Pass
			24	18.17	-0.45	17.72	<=33.01	Pass
		12	0	18.15	-0.45	17.70	<=33.01	Pass
			6	18.20	-0.45	17.75	<=33.01	Pass
			13	18.15	-0.45	17.70	<=33.01	Pass
		25	0	18.16	-0.45	17.71	<=33.01	Pass
	2535	1	0	18.44	-0.45	17.99	<=33.01	Pass
			13	18.54	-0.45	18.09	<=33.01	Pass
			24	18.37	-0.45	17.92	<=33.01	Pass
		12	0	18.31	-0.45	17.86	<=33.01	Pass
			6	18.30	-0.45	17.85	<=33.01	Pass
			13	18.30	-0.45	17.85	<=33.01	Pass
		25	0	18.24	-0.45	17.79	<=33.01	Pass
	2567.5	1	0	18.38	-0.45	17.93	<=33.01	Pass
			13	18.47	-0.45	18.02	<=33.01	Pass
			24	18.41	-0.45	17.96	<=33.01	Pass
		12	0	18.28	-0.45	17.83	<=33.01	Pass
			6	18.33	-0.45	17.88	<=33.01	Pass
			13	18.35	-0.45	17.90	<=33.01	Pass
		25	0	18.31	-0.45	17.86	<=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	23.08	-0.45	22.63	<=33.01	Pass
			25	23.11	-0.45	22.66	<=33.01	Pass
			49	23.01	-0.45	22.56	<=33.01	Pass
		25	0	22.11	-0.45	21.66	<=33.01	Pass
			13	22.14	-0.45	21.69	<=33.01	Pass
			25	22.11	-0.45	21.66	<=33.01	Pass
		50	0	22.10	-0.45	21.65	<=33.01	Pass
	2535	1	0	23.33	-0.45	22.88	<=33.01	Pass
			25	23.28	-0.45	22.83	<=33.01	Pass
			49	23.16	-0.45	22.71	<=33.01	Pass
		25	0	22.24	-0.45	21.79	<=33.01	Pass
			13	22.21	-0.45	21.76	<=33.01	Pass
			25	22.18	-0.45	21.73	<=33.01	Pass
		50	0	22.22	-0.45	21.77	<=33.01	Pass
	2565	1	0	23.13	-0.45	22.68	<=33.01	Pass

		25	25	23.27	-0.45	22.82	<=33.01	Pass
			49	23.27	-0.45	22.82	<=33.01	Pass
			0	22.18	-0.45	21.73	<=33.01	Pass
			13	22.26	-0.45	21.81	<=33.01	Pass
			25	22.27	-0.45	21.82	<=33.01	Pass
		50	0	22.20	-0.45	21.75	<=33.01	Pass
16QAM	2505	1	0	22.21	-0.45	21.76	<=33.01	Pass
			25	22.23	-0.45	21.78	<=33.01	Pass
			49	22.13	-0.45	21.68	<=33.01	Pass
		25	0	21.12	-0.45	20.67	<=33.01	Pass
			13	21.15	-0.45	20.70	<=33.01	Pass
			25	21.07	-0.45	20.62	<=33.01	Pass
		50	0	21.09	-0.45	20.64	<=33.01	Pass
	2535	1	0	22.38	-0.45	21.93	<=33.01	Pass
			25	22.39	-0.45	21.94	<=33.01	Pass
			49	22.29	-0.45	21.84	<=33.01	Pass
		25	0	21.23	-0.45	20.78	<=33.01	Pass
			13	21.21	-0.45	20.76	<=33.01	Pass
			25	21.15	-0.45	20.70	<=33.01	Pass
		50	0	21.18	-0.45	20.73	<=33.01	Pass
	2565	1	0	22.24	-0.45	21.79	<=33.01	Pass
			25	22.41	-0.45	21.96	<=33.01	Pass
			49	22.36	-0.45	21.91	<=33.01	Pass
		25	0	21.18	-0.45	20.73	<=33.01	Pass
			13	21.27	-0.45	20.82	<=33.01	Pass
			25	21.26	-0.45	20.81	<=33.01	Pass
		50	0	21.20	-0.45	20.75	<=33.01	Pass
64QAM	2505	1	0	21.25	-0.45	20.80	<=33.01	Pass
			25	21.22	-0.45	20.77	<=33.01	Pass
			49	21.34	-0.45	20.89	<=33.01	Pass
		25	0	20.09	-0.45	19.64	<=33.01	Pass
			13	20.14	-0.45	19.69	<=33.01	Pass
			25	20.09	-0.45	19.64	<=33.01	Pass
		50	0	20.10	-0.45	19.65	<=33.01	Pass
	2535	1	0	21.48	-0.45	21.03	<=33.01	Pass
			25	21.43	-0.45	20.98	<=33.01	Pass
			49	21.37	-0.45	20.92	<=33.01	Pass
		25	0	20.22	-0.45	19.77	<=33.01	Pass
			13	20.18	-0.45	19.73	<=33.01	Pass
			25	20.16	-0.45	19.71	<=33.01	Pass
		50	0	20.18	-0.45	19.73	<=33.01	Pass
	2565	1	0	21.32	-0.45	20.87	<=33.01	Pass
			25	21.43	-0.45	20.98	<=33.01	Pass
			49	21.53	-0.45	21.08	<=33.01	Pass
		25	0	20.20	-0.45	19.75	<=33.01	Pass
			13	20.26	-0.45	19.81	<=33.01	Pass
			25	20.24	-0.45	19.79	<=33.01	Pass
		50	0	20.21	-0.45	19.76	<=33.01	Pass
256QAM	2505	1	0	18.17	-0.45	17.72	<=33.01	Pass
			25	18.25	-0.45	17.80	<=33.01	Pass
			49	18.30	-0.45	17.85	<=33.01	Pass
		25	0	18.13	-0.45	17.68	<=33.01	Pass
			13	18.17	-0.45	17.72	<=33.01	Pass
			25	18.20	-0.45	17.75	<=33.01	Pass
		50	0	18.18	-0.45	17.73	<=33.01	Pass
	2535	1	0	18.38	-0.45	17.93	<=33.01	Pass
			25	18.40	-0.45	17.95	<=33.01	Pass
			49	18.29	-0.45	17.84	<=33.01	Pass
		25	0	18.29	-0.45	17.84	<=33.01	Pass

			13	18.25	-0.45	17.80	<=33.01	Pass
			25	18.17	-0.45	17.72	<=33.01	Pass
		50	0	18.24	-0.45	17.79	<=33.01	Pass
	2565	1	0	18.26	-0.45	17.81	<=33.01	Pass
			25	18.41	-0.45	17.96	<=33.01	Pass
			49	18.43	-0.45	17.98	<=33.01	Pass
		25	0	18.22	-0.45	17.77	<=33.01	Pass
			13	18.29	-0.45	17.84	<=33.01	Pass
			25	18.27	-0.45	17.82	<=33.01	Pass
		50	0	18.24	-0.45	17.79	<=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	22.83	-0.45	22.38	<=33.01	Pass
			38	22.81	-0.45	22.36	<=33.01	Pass
			74	22.81	-0.45	22.36	<=33.01	Pass
		36	0	21.97	-0.45	21.52	<=33.01	Pass
			18	21.95	-0.45	21.50	<=33.01	Pass
			39	21.91	-0.45	21.46	<=33.01	Pass
		75	0	21.95	-0.45	21.50	<=33.01	Pass
	2535	1	0	23.07	-0.45	22.62	<=33.01	Pass
			38	23.01	-0.45	22.56	<=33.01	Pass
			74	22.86	-0.45	22.41	<=33.01	Pass
		36	0	22.08	-0.45	21.63	<=33.01	Pass
			18	22.02	-0.45	21.57	<=33.01	Pass
			39	21.98	-0.45	21.53	<=33.01	Pass
		75	0	22.08	-0.45	21.63	<=33.01	Pass
	2562.5	1	0	22.77	-0.45	22.32	<=33.01	Pass
			38	22.90	-0.45	22.45	<=33.01	Pass
			74	22.93	-0.45	22.48	<=33.01	Pass
		36	0	21.92	-0.45	21.47	<=33.01	Pass
			18	22.01	-0.45	21.56	<=33.01	Pass
			39	22.06	-0.45	21.61	<=33.01	Pass
		75	0	22.02	-0.45	21.57	<=33.01	Pass
16QAM	2507.5	1	0	21.93	-0.45	21.48	<=33.01	Pass
			38	21.94	-0.45	21.49	<=33.01	Pass
			74	21.92	-0.45	21.47	<=33.01	Pass
		36	0	20.93	-0.45	20.48	<=33.01	Pass
			18	20.90	-0.45	20.45	<=33.01	Pass
			39	20.89	-0.45	20.44	<=33.01	Pass
		75	0	20.93	-0.45	20.48	<=33.01	Pass
	2535	1	0	22.18	-0.45	21.73	<=33.01	Pass
			38	22.22	-0.45	21.77	<=33.01	Pass
			74	22.05	-0.45	21.60	<=33.01	Pass
		36	0	21.07	-0.45	20.62	<=33.01	Pass
			18	21.02	-0.45	20.57	<=33.01	Pass
			39	20.96	-0.45	20.51	<=33.01	Pass
		75	0	21.02	-0.45	20.57	<=33.01	Pass
	2562.5	1	0	21.89	-0.45	21.44	<=33.01	Pass
			38	22.04	-0.45	21.59	<=33.01	Pass
			74	22.03	-0.45	21.58	<=33.01	Pass
		36	0	20.89	-0.45	20.44	<=33.01	Pass
			18	20.99	-0.45	20.54	<=33.01	Pass

			39	21.06	-0.45	20.61	<=33.01	Pass	
		75	0	21.02	-0.45	20.57	<=33.01	Pass	
64QAM	2507.5	1	0	21.01	-0.45	20.56	<=33.01	Pass	
			38	21.07	-0.45	20.62	<=33.01	Pass	
			74	21.05	-0.45	20.60	<=33.01	Pass	
			0	19.94	-0.45	19.49	<=33.01	Pass	
		36	18	19.93	-0.45	19.48	<=33.01	Pass	
			39	19.91	-0.45	19.46	<=33.01	Pass	
			75	0	19.95	-0.45	19.50	<=33.01	Pass
		2535	1	0	21.26	-0.45	20.81	<=33.01	Pass
				38	21.13	-0.45	20.68	<=33.01	Pass
				74	20.99	-0.45	20.54	<=33.01	Pass
	36		0	20.05	-0.45	19.60	<=33.01	Pass	
			18	20.01	-0.45	19.56	<=33.01	Pass	
			39	19.95	-0.45	19.50	<=33.01	Pass	
	75		0	20.00	-0.45	19.55	<=33.01	Pass	
	2562.5	1	0	21.27	-0.45	20.82	<=33.01	Pass	
			38	21.22	-0.45	20.77	<=33.01	Pass	
			74	21.33	-0.45	20.88	<=33.01	Pass	
		36	0	19.92	-0.45	19.47	<=33.01	Pass	
			18	19.98	-0.45	19.53	<=33.01	Pass	
			39	20.06	-0.45	19.61	<=33.01	Pass	
		75	0	20.01	-0.45	19.56	<=33.01	Pass	
		256QAM	2507.5	1	0	17.91	-0.45	17.46	<=33.01
	38				17.94	-0.45	17.49	<=33.01	Pass
74	18.14				-0.45	17.69	<=33.01	Pass	
36	0			17.91	-0.45	17.46	<=33.01	Pass	
	18			17.91	-0.45	17.46	<=33.01	Pass	
	39			18.00	-0.45	17.55	<=33.01	Pass	
75	0			17.98	-0.45	17.53	<=33.01	Pass	
2535	1		0	18.13	-0.45	17.68	<=33.01	Pass	
			38	18.04	-0.45	17.59	<=33.01	Pass	
			74	18.10	-0.45	17.65	<=33.01	Pass	
	36		0	18.11	-0.45	17.66	<=33.01	Pass	
			18	18.07	-0.45	17.62	<=33.01	Pass	
			39	18.04	-0.45	17.59	<=33.01	Pass	
75	0		18.06	-0.45	17.61	<=33.01	Pass		
2562.5	1		0	17.73	-0.45	17.28	<=33.01	Pass	
			38	17.96	-0.45	17.51	<=33.01	Pass	
			74	18.06	-0.45	17.61	<=33.01	Pass	
	36		0	17.96	-0.45	17.51	<=33.01	Pass	
			18	17.99	-0.45	17.54	<=33.01	Pass	
			39	18.11	-0.45	17.66	<=33.01	Pass	
	75		0	18.03	-0.45	17.58	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.83	-0.45	22.38	<=33.01	Pass
			50	22.82	-0.45	22.37	<=33.01	Pass
			99	22.99	-0.45	22.54	<=33.01	Pass
		50	0	21.93	-0.45	21.48	<=33.01	Pass
			25	21.94	-0.45	21.49	<=33.01	Pass
			50	21.97	-0.45	21.52	<=33.01	Pass

		100	0	21.93	-0.45	21.48	<=33.01	Pass
		2535	1	0	23.08	-0.45	22.63	<=33.01
				50	23.04	-0.45	22.59	<=33.01
				99	22.89	-0.45	22.44	<=33.01
			50	0	22.06	-0.45	21.61	<=33.01
				25	22.00	-0.45	21.55	<=33.01
				50	21.92	-0.45	21.47	<=33.01
		100	0	22.01	-0.45	21.56	<=33.01	Pass
		2560	1	0	22.80	-0.45	22.35	<=33.01
				50	22.85	-0.45	22.40	<=33.01
				99	22.94	-0.45	22.49	<=33.01
			50	0	21.89	-0.45	21.44	<=33.01
				25	21.94	-0.45	21.49	<=33.01
				50	22.00	-0.45	21.55	<=33.01
16QAM		100	0	21.92	-0.45	21.47	<=33.01	Pass
		2510	1	0	21.99	-0.45	21.54	<=33.01
				50	22.11	-0.45	21.66	<=33.01
				99	22.12	-0.45	21.67	<=33.01
			50	0	20.89	-0.45	20.44	<=33.01
				25	20.94	-0.45	20.49	<=33.01
				50	20.95	-0.45	20.50	<=33.01
		100	0	20.95	-0.45	20.50	<=33.01	Pass
		2535	1	0	22.07	-0.45	21.62	<=33.01
				50	22.28	-0.45	21.83	<=33.01
				99	21.79	-0.45	21.34	<=33.01
			50	0	21.05	-0.45	20.60	<=33.01
				25	20.97	-0.45	20.52	<=33.01
				50	20.95	-0.45	20.50	<=33.01
		100	0	20.98	-0.45	20.53	<=33.01	Pass
		2560	1	0	22.01	-0.45	21.56	<=33.01
				50	22.30	-0.45	21.85	<=33.01
				99	22.10	-0.45	21.65	<=33.01
			50	0	20.86	-0.45	20.41	<=33.01
				25	20.92	-0.45	20.47	<=33.01
				50	20.97	-0.45	20.52	<=33.01
64QAM		100	0	20.94	-0.45	20.49	<=33.01	Pass
		2510	1	0	21.09	-0.45	20.64	<=33.01
				50	21.26	-0.45	20.81	<=33.01
				99	21.30	-0.45	20.85	<=33.01
			50	0	19.90	-0.45	19.45	<=33.01
				25	19.98	-0.45	19.53	<=33.01
				50	19.98	-0.45	19.53	<=33.01
		100	0	19.96	-0.45	19.51	<=33.01	Pass
		2535	1	0	21.32	-0.45	20.87	<=33.01
				50	21.23	-0.45	20.78	<=33.01
				99	21.05	-0.45	20.60	<=33.01
			50	0	20.08	-0.45	19.63	<=33.01
				25	20.01	-0.45	19.56	<=33.01
				50	19.97	-0.45	19.52	<=33.01
		100	0	20.03	-0.45	19.58	<=33.01	Pass
		2560	1	0	20.94	-0.45	20.49	<=33.01
				50	21.07	-0.45	20.62	<=33.01
				99	21.21	-0.45	20.76	<=33.01
			50	0	19.91	-0.45	19.46	<=33.01
				25	19.96	-0.45	19.51	<=33.01
				50	20.02	-0.45	19.57	<=33.01
256QAM		100	0	19.96	-0.45	19.51	<=33.01	Pass
		2510	1	0	17.95	-0.45	17.50	<=33.01
				50	18.06	-0.45	17.61	<=33.01

			99	18.18	-0.45	17.73	<=33.01	Pass
		50	0	17.98	-0.45	17.53	<=33.01	Pass
			25	17.95	-0.45	17.50	<=33.01	Pass
			50	18.04	-0.45	17.59	<=33.01	Pass
		100	0	18.03	-0.45	17.58	<=33.01	Pass
	2535	1	0	18.15	-0.45	17.70	<=33.01	Pass
			50	18.05	-0.45	17.60	<=33.01	Pass
			99	17.95	-0.45	17.50	<=33.01	Pass
		50	0	18.09	-0.45	17.64	<=33.01	Pass
			25	18.07	-0.45	17.62	<=33.01	Pass
			50	17.99	-0.45	17.54	<=33.01	Pass
		100	0	18.06	-0.45	17.61	<=33.01	Pass
		2560	1	0	18.08	-0.45	17.63	<=33.01
	50			18.05	-0.45	17.60	<=33.01	Pass
	99			18.24	-0.45	17.79	<=33.01	Pass
	50		0	17.90	-0.45	17.45	<=33.01	Pass
			25	17.98	-0.45	17.53	<=33.01	Pass
			50	18.05	-0.45	17.60	<=33.01	Pass
	100		0	17.96	-0.45	17.51	<=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	-1.595	-0.0006	-2.5 to 2.5	Pass
					NV	-0.714	-0.0003	-2.5 to 2.5	Pass
					HV	-0.823	-0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.099	0.0000	-2.5 to 2.5	Pass
				-20	NV	0.587	0.0002	-2.5 to 2.5	Pass
				-10	NV	-0.386	-0.0002	-2.5 to 2.5	Pass
				0	NV	0.727	0.0003	-2.5 to 2.5	Pass
				10	NV	-1.529	-0.0006	-2.5 to 2.5	Pass
				30	NV	-0.626	-0.0002	-2.5 to 2.5	Pass
				40	NV	-1.300	-0.0005	-2.5 to 2.5	Pass
				50	NV	-1.126	-0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

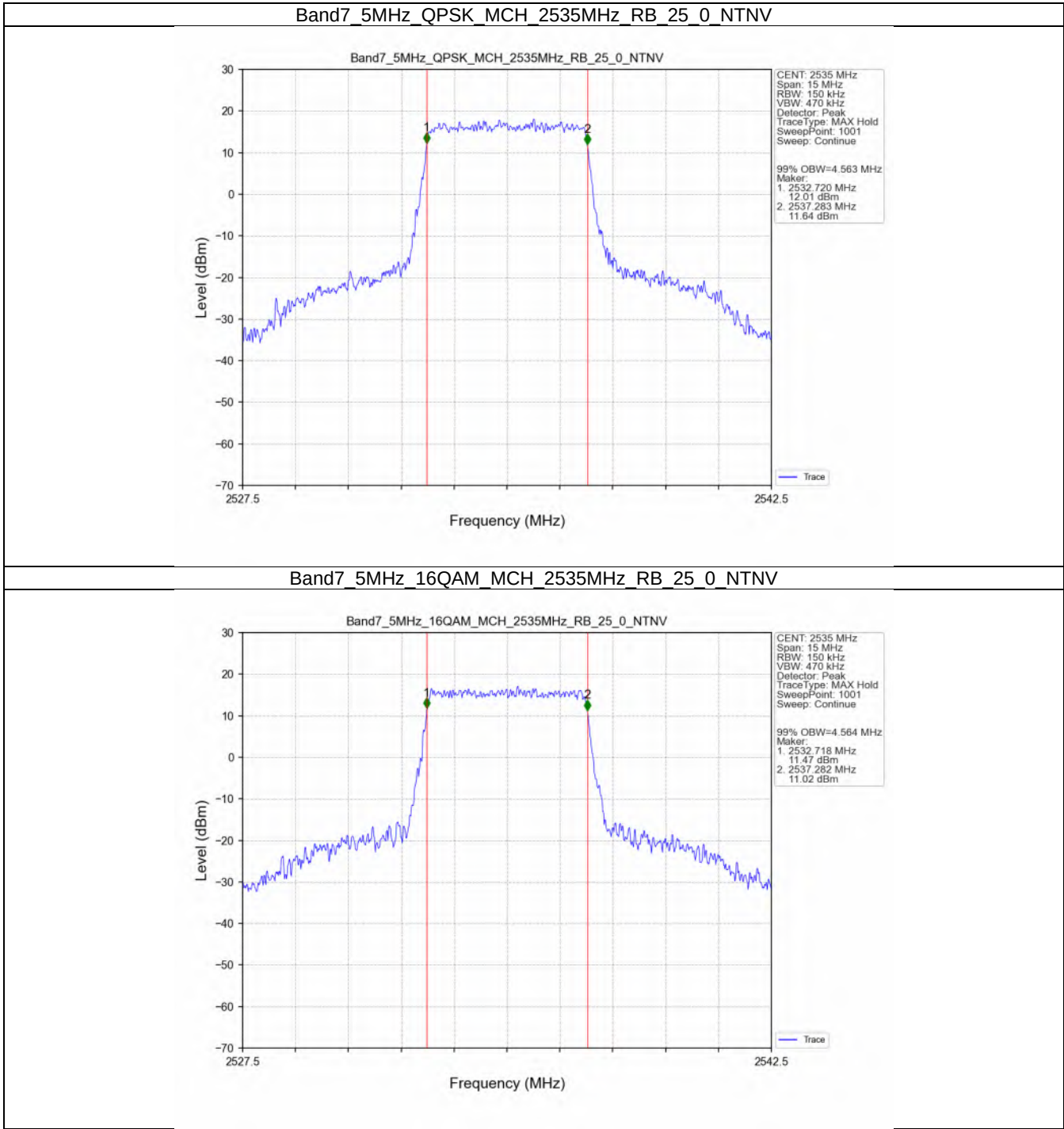
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.563	/	Pass
	16QAM	2535	25	0	4.564	/	Pass
	64QAM	2535	25	0	4.575	/	Pass
	256QAM	2535	25	0	4.566	/	Pass
10	QPSK	2535	50	0	9.101	/	Pass
	16QAM	2535	50	0	9.103	/	Pass
	64QAM	2535	50	0	9.121	/	Pass
	256QAM	2535	50	0	9.083	/	Pass
15	QPSK	2535	75	0	13.665	/	Pass
	16QAM	2535	75	0	13.675	/	Pass
	64QAM	2535	75	0	13.649	/	Pass
	256QAM	2535	75	0	13.623	/	Pass
20	QPSK	2535	100	0	18.167	/	Pass
	16QAM	2535	100	0	18.198	/	Pass
	64QAM	2535	100	0	18.073	/	Pass
	256QAM	2535	100	0	18.118	/	Pass

3.1.2 Band7_XDB

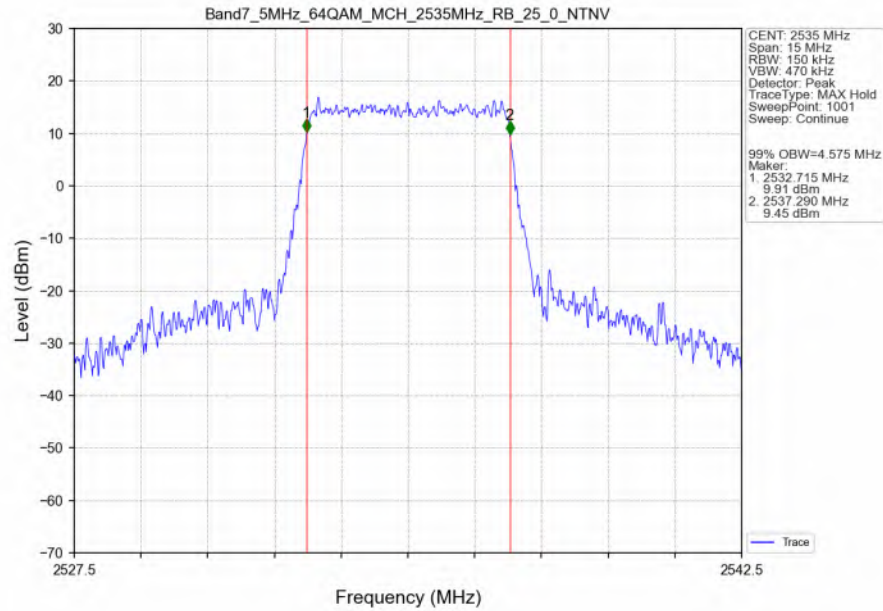
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.212	/	Pass
	16QAM	2535	25	0	5.285	/	Pass
	64QAM	2535	25	0	5.272	/	Pass
	256QAM	2535	25	0	5.356	/	Pass
10	QPSK	2535	50	0	10.301	/	Pass
	16QAM	2535	50	0	10.280	/	Pass
	64QAM	2535	50	0	10.244	/	Pass
	256QAM	2535	50	0	10.118	/	Pass
15	QPSK	2535	75	0	15.182	/	Pass
	16QAM	2535	75	0	15.242	/	Pass
	64QAM	2535	75	0	15.197	/	Pass
	256QAM	2535	75	0	15.113	/	Pass
20	QPSK	2535	100	0	20.225	/	Pass
	16QAM	2535	100	0	20.253	/	Pass
	64QAM	2535	100	0	19.246	/	Pass
	256QAM	2535	100	0	20.055	/	Pass

3.2 Test Graph

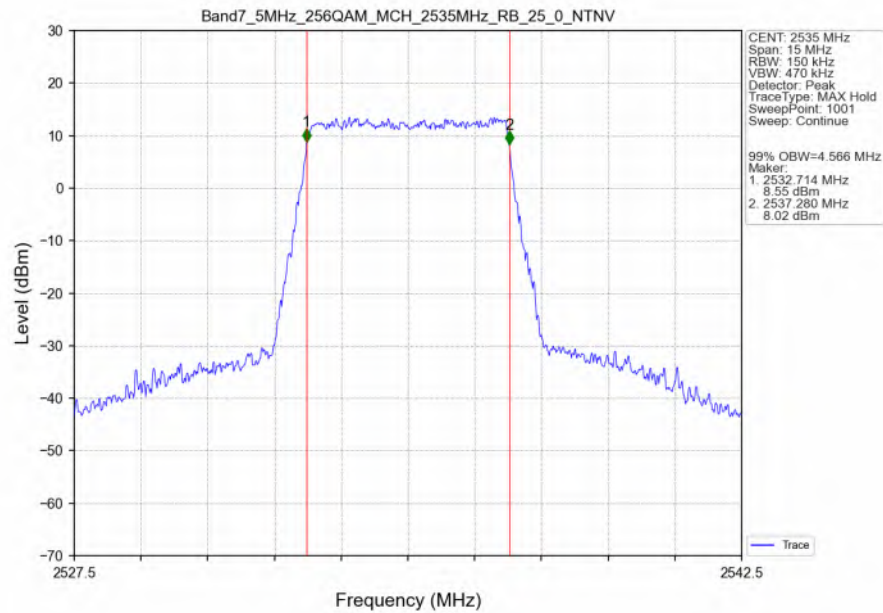
3.2.1 Band7_OBW



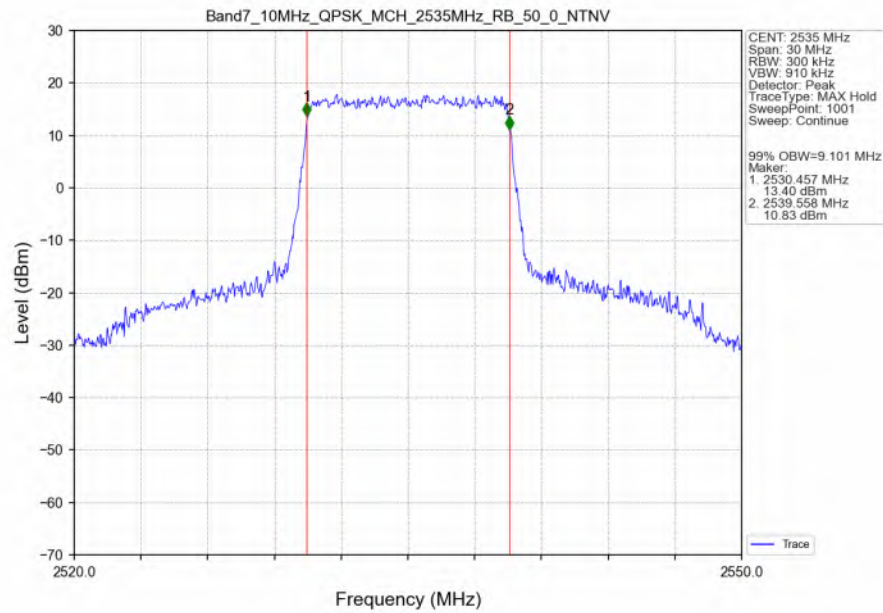
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



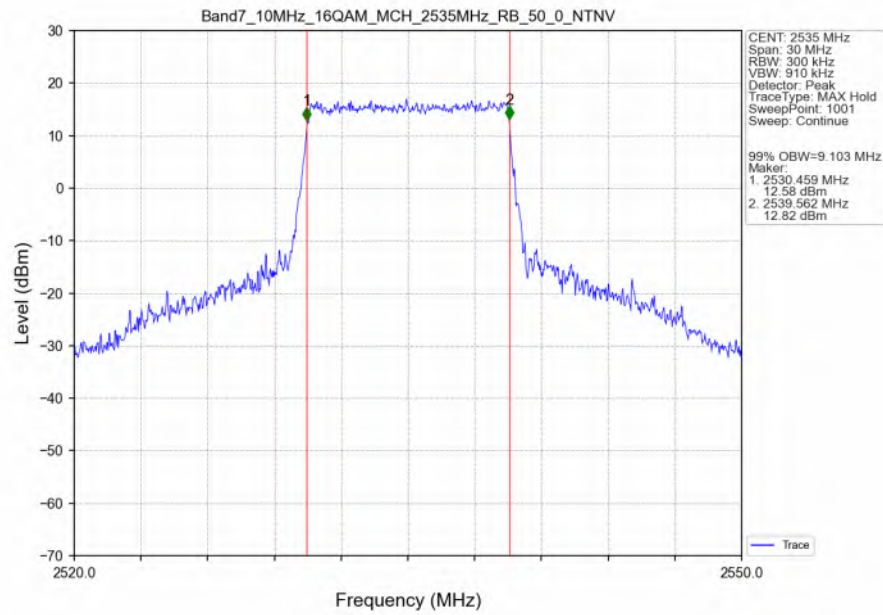
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



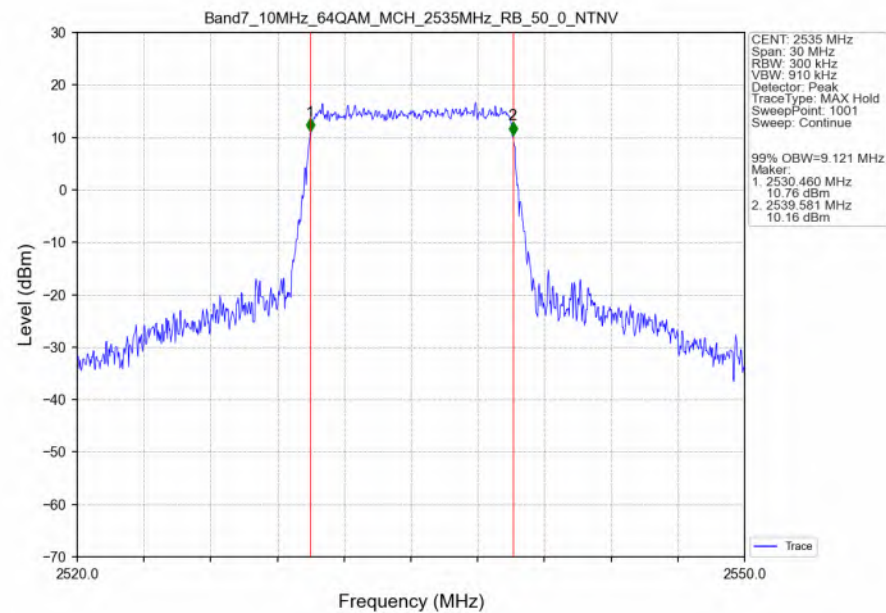
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



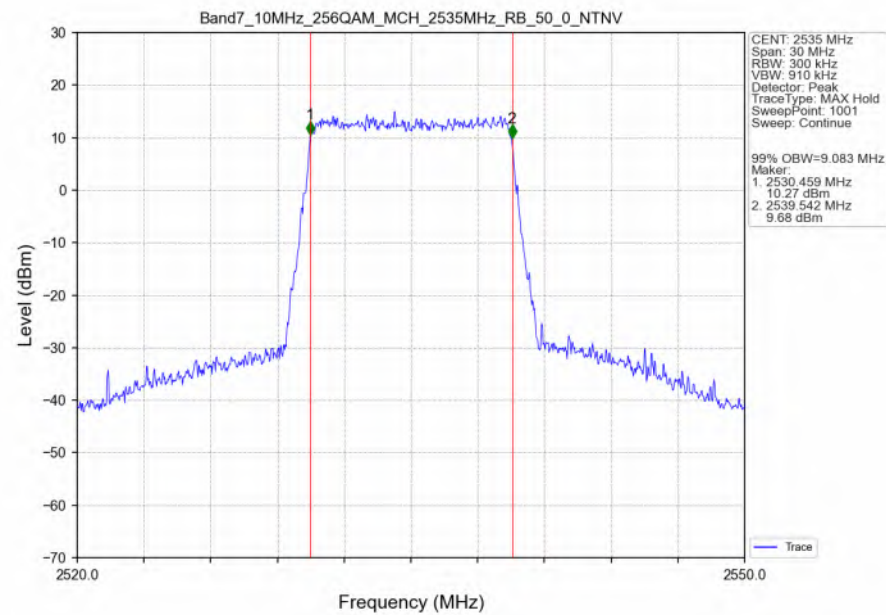
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



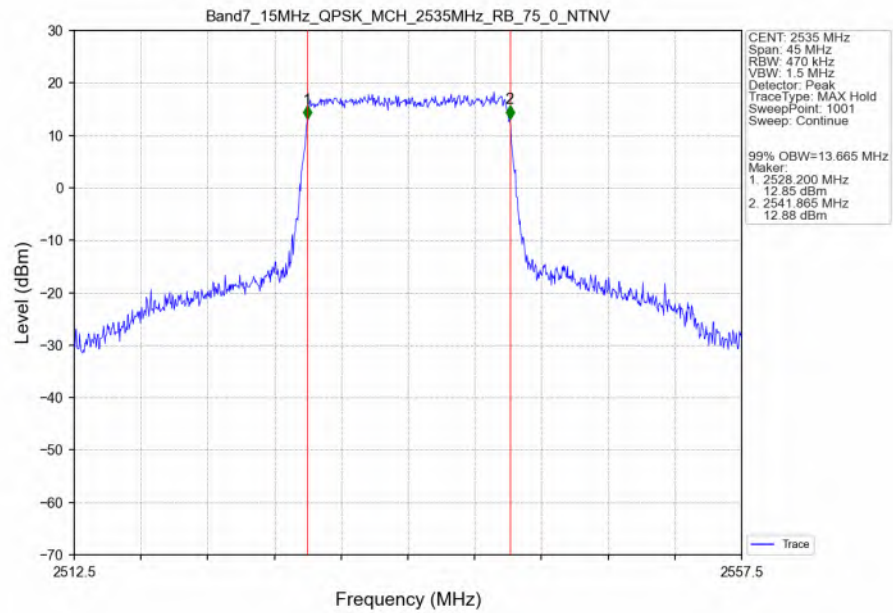
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



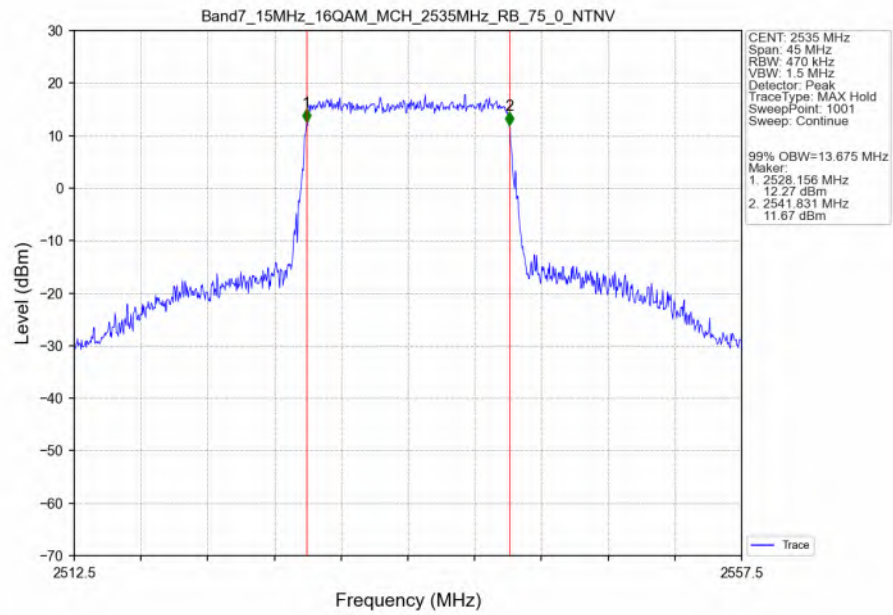
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTNV



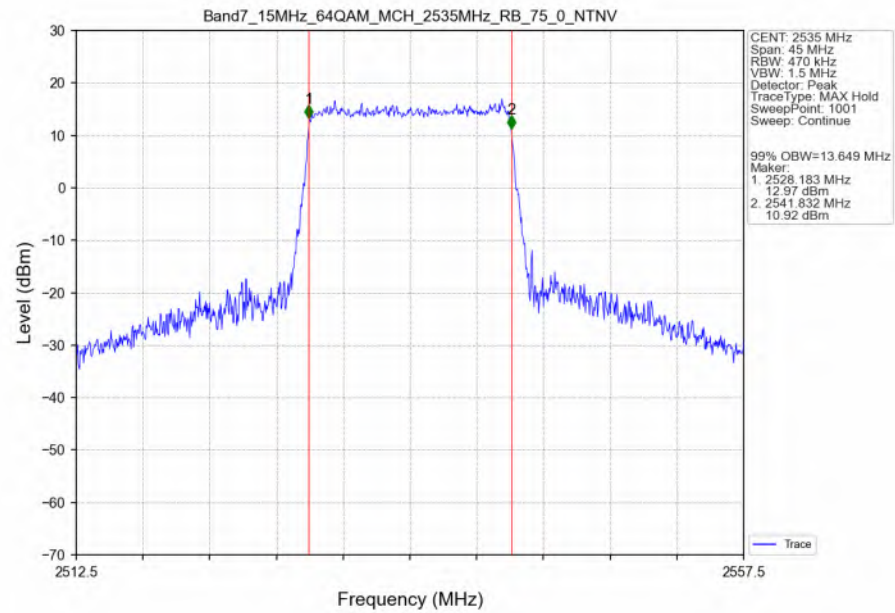
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



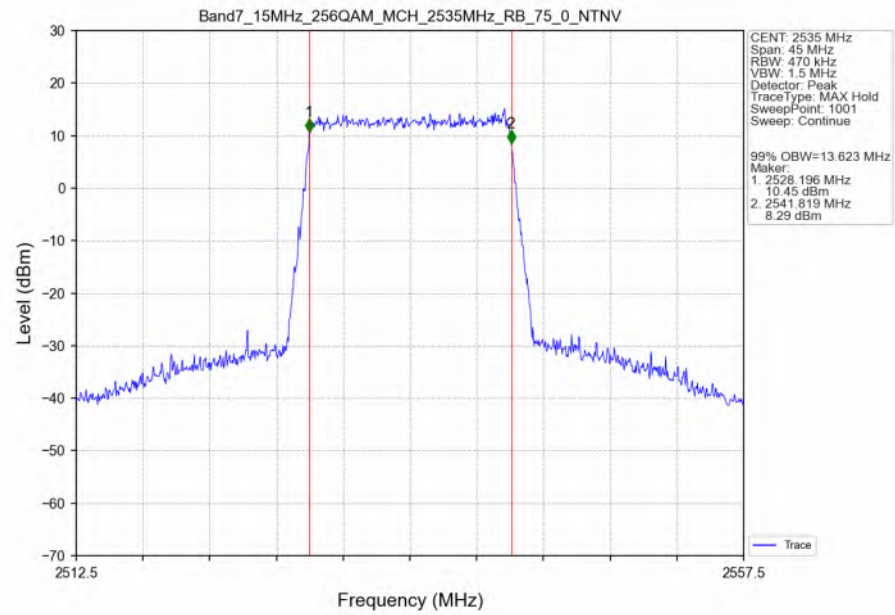
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



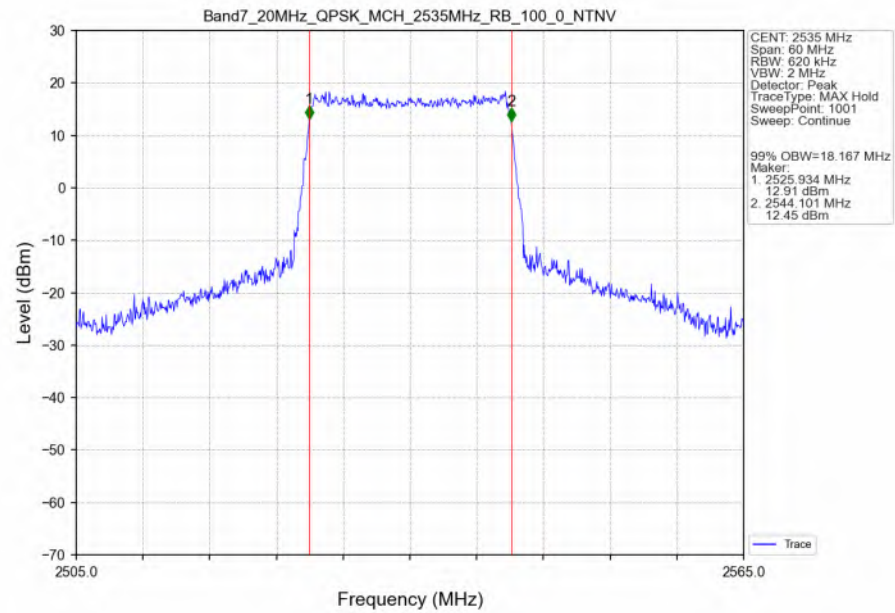
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



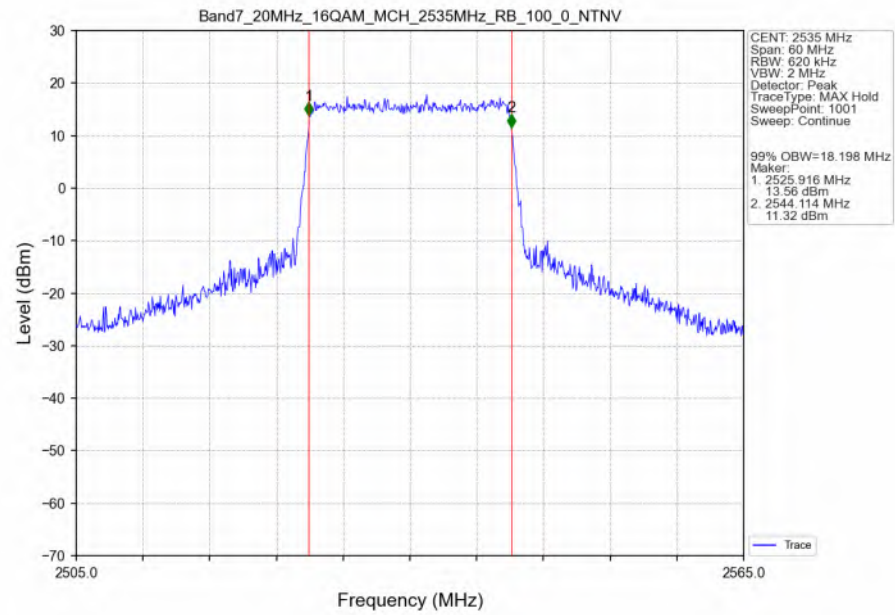
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



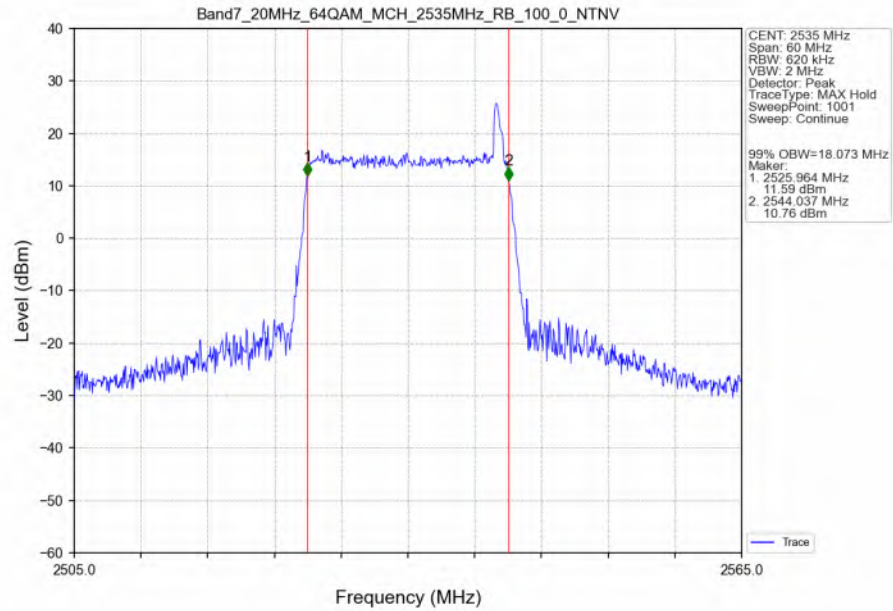
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



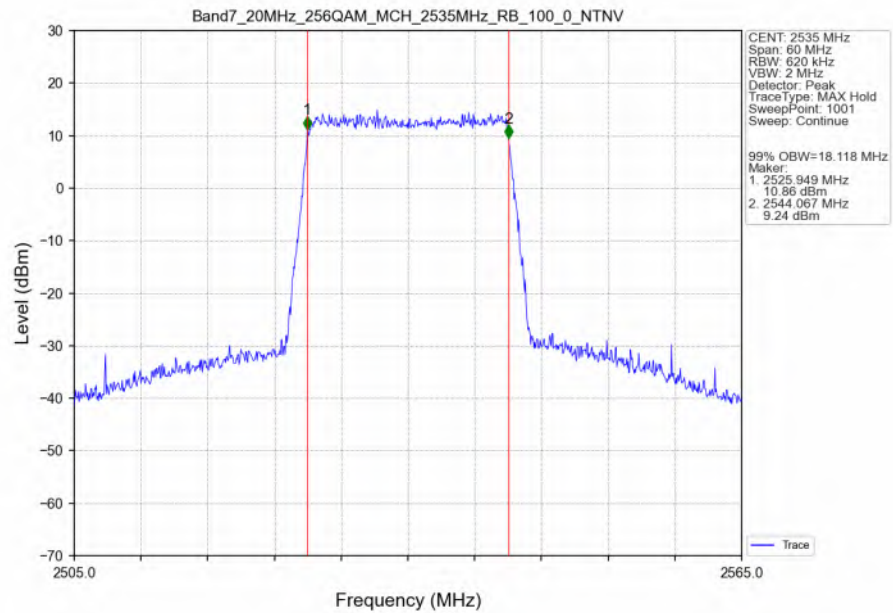
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



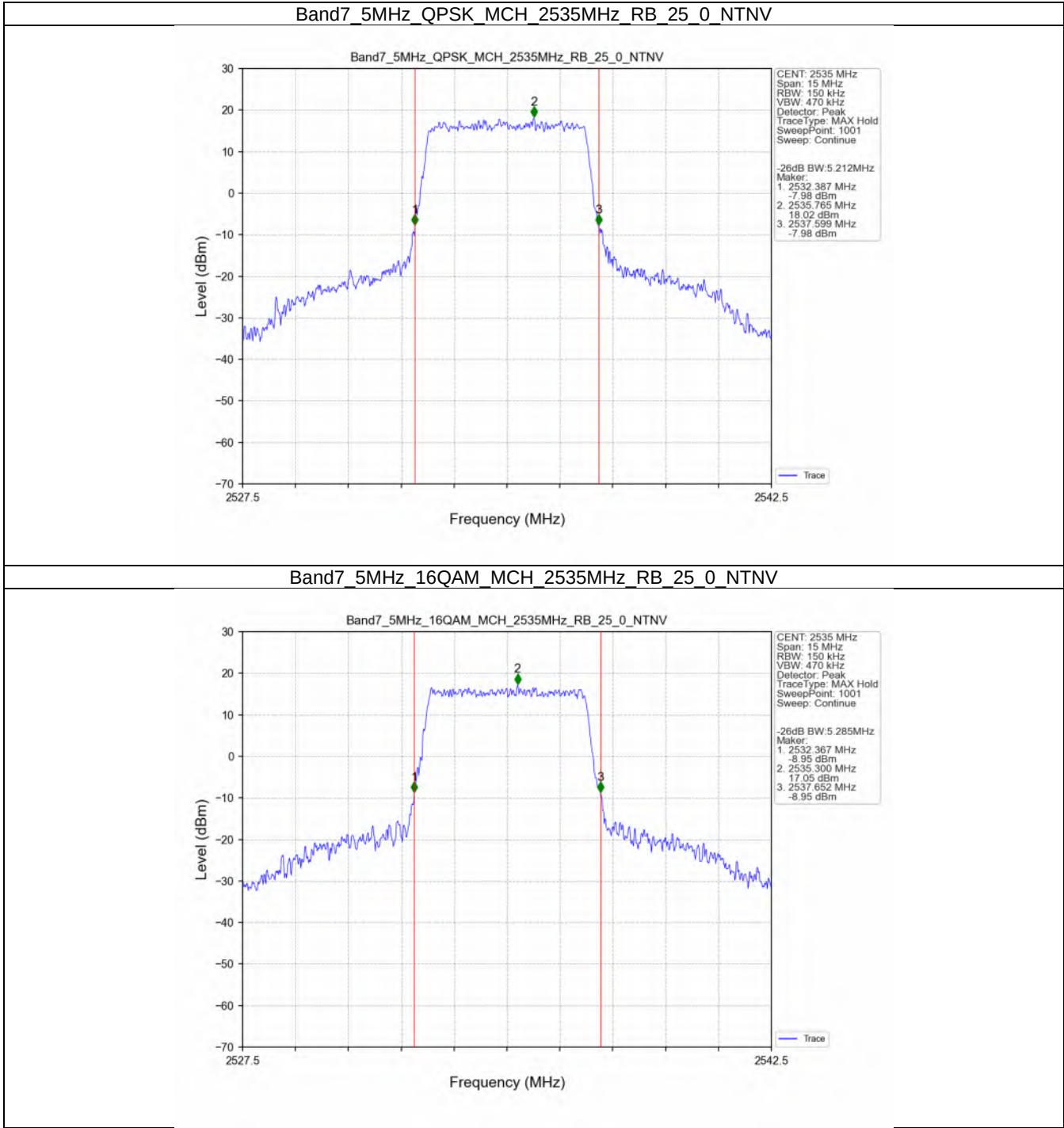
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



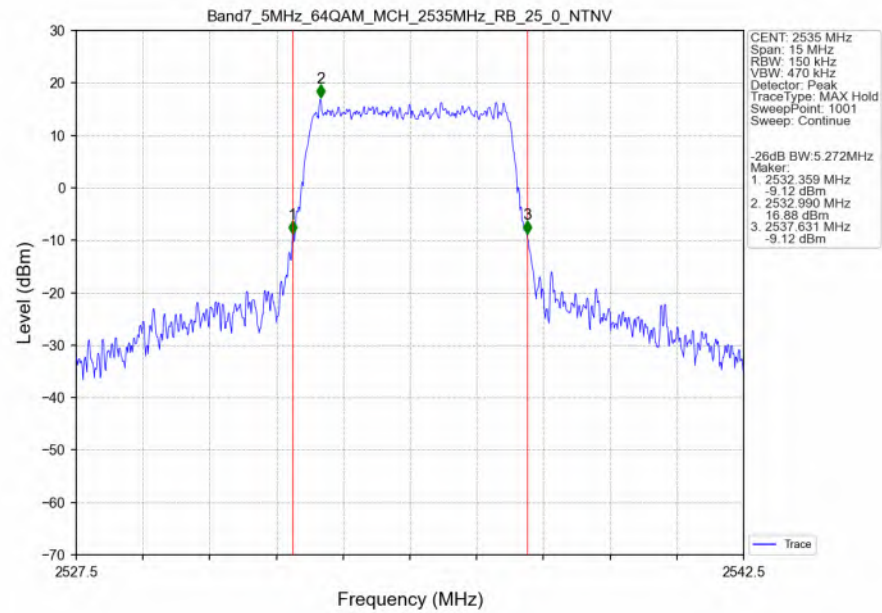
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



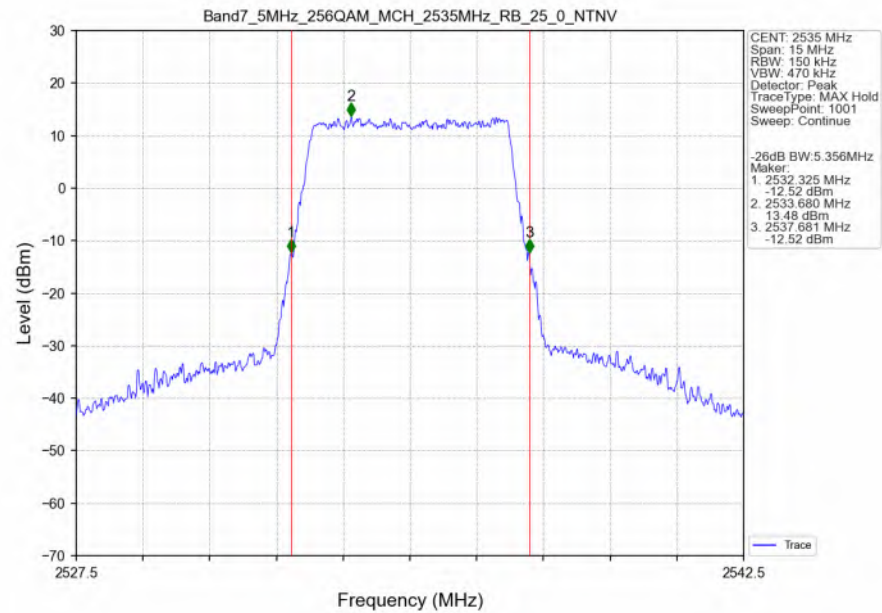
3.2.2 Band7_XDB



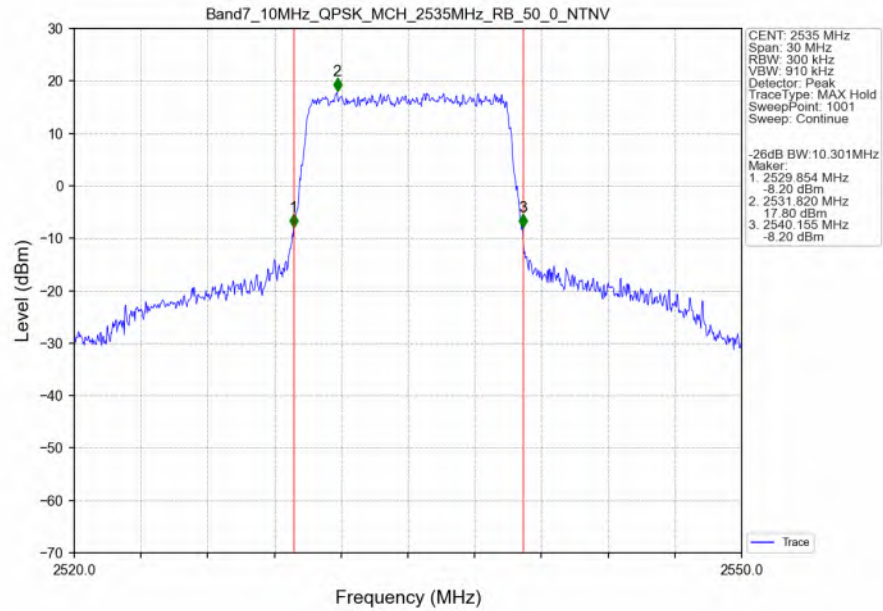
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



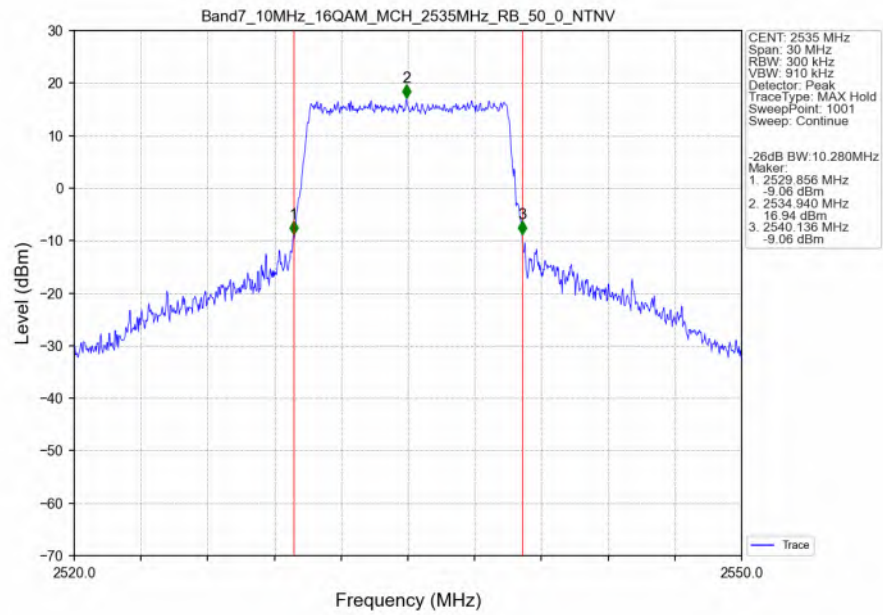
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



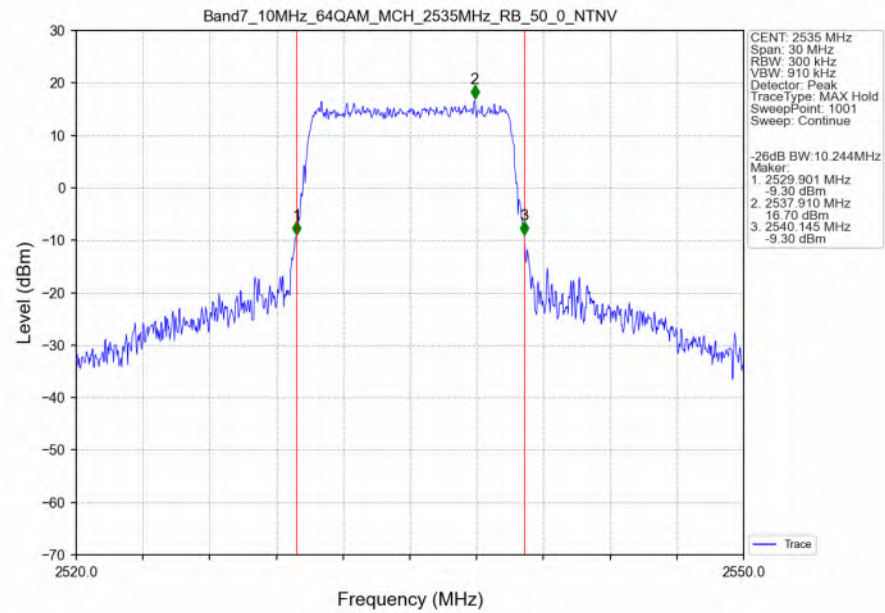
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



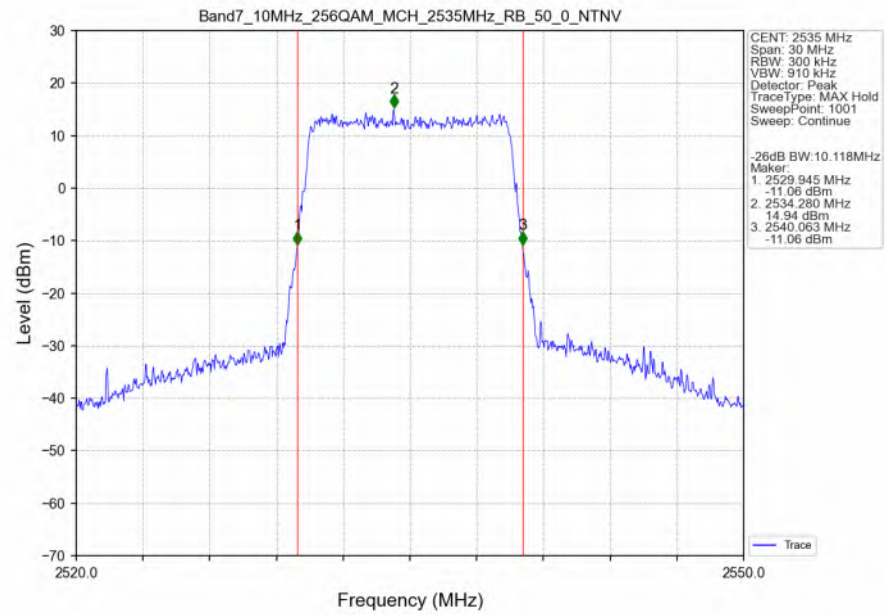
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



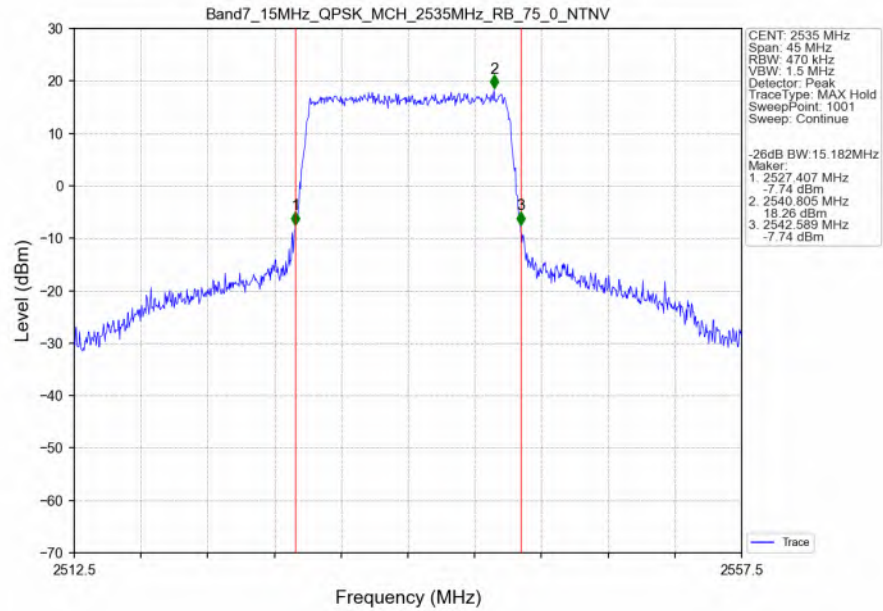
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTN



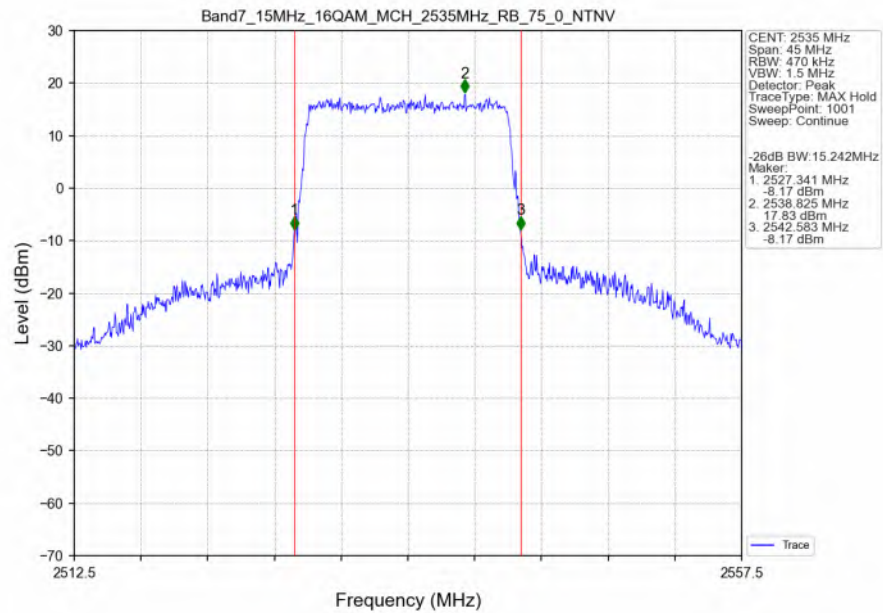
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



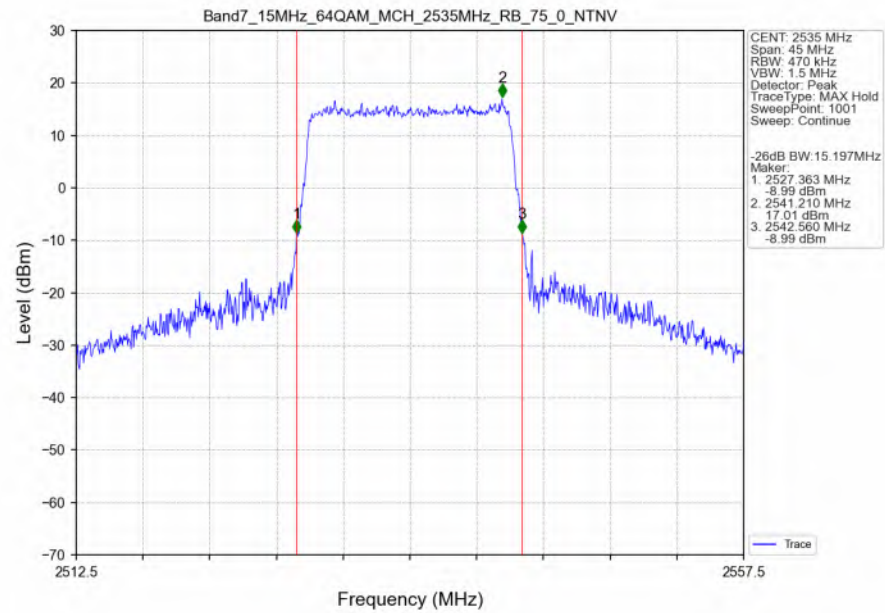
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



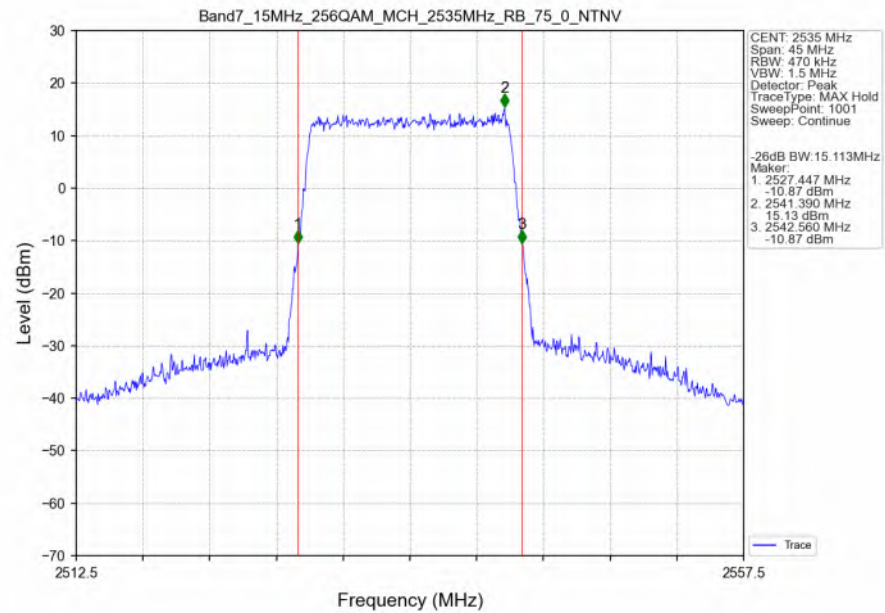
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



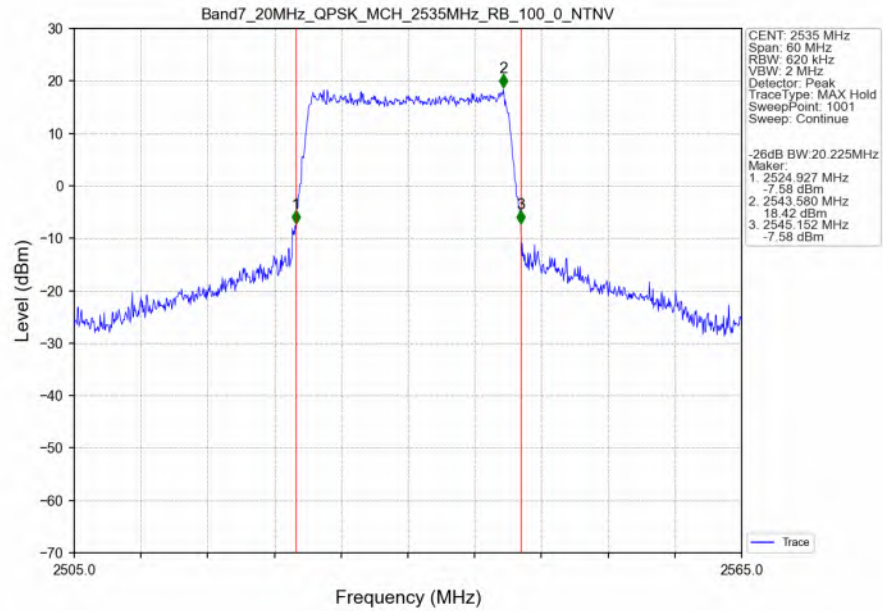
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



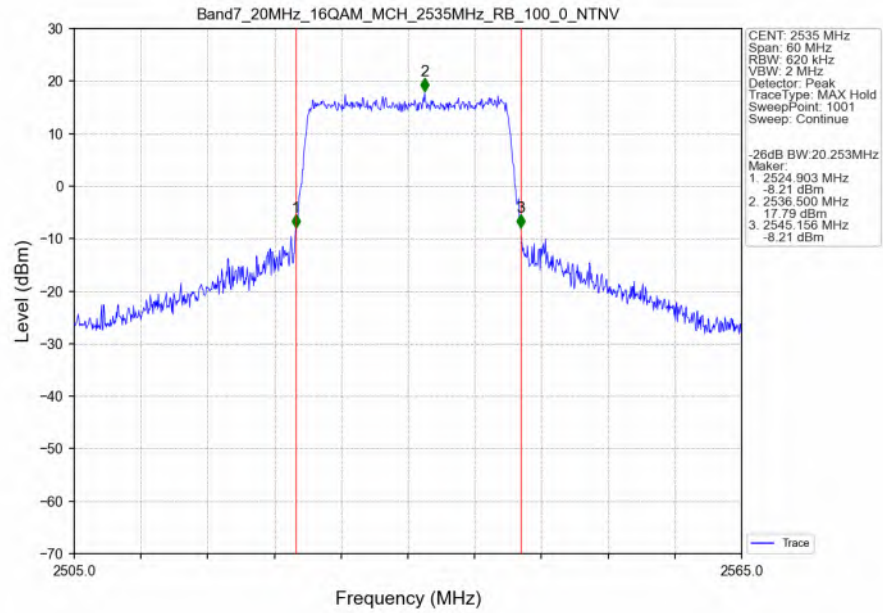
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



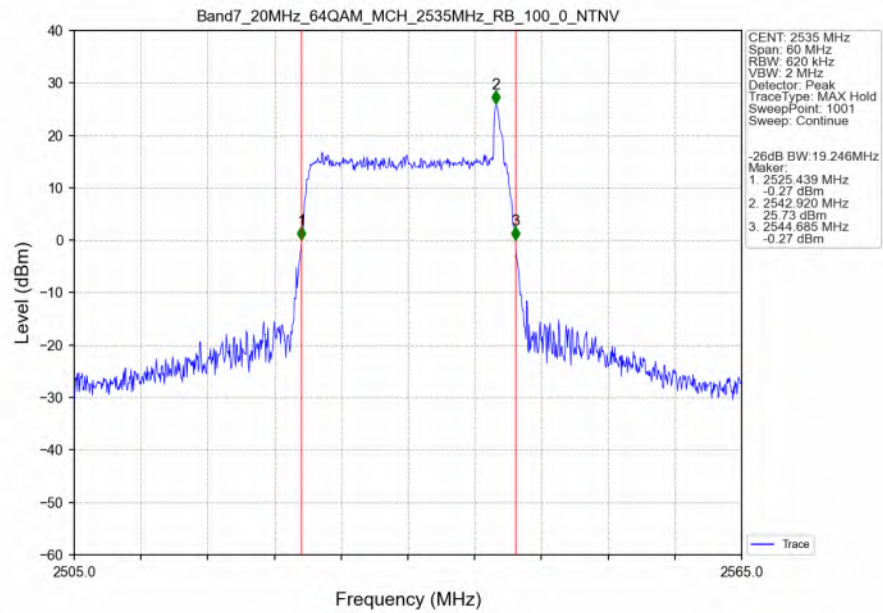
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



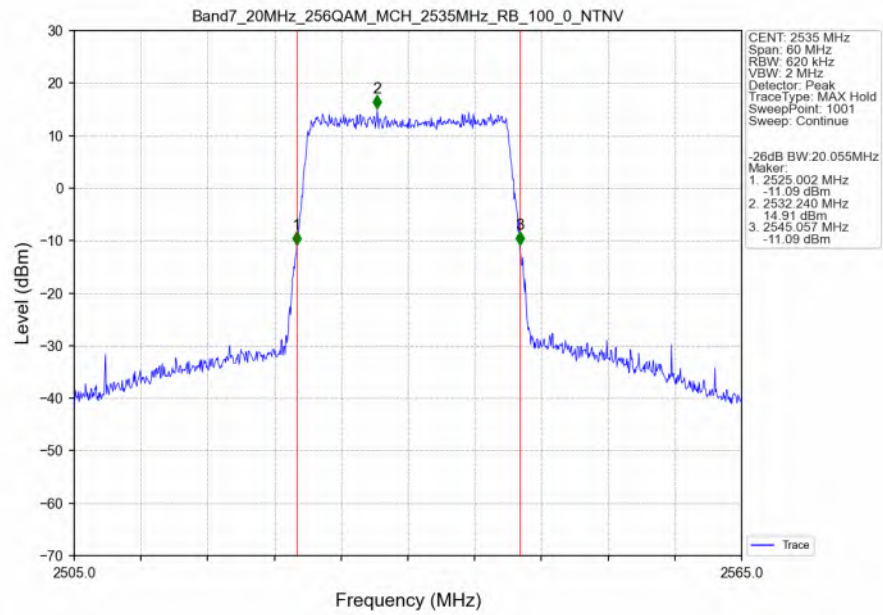
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

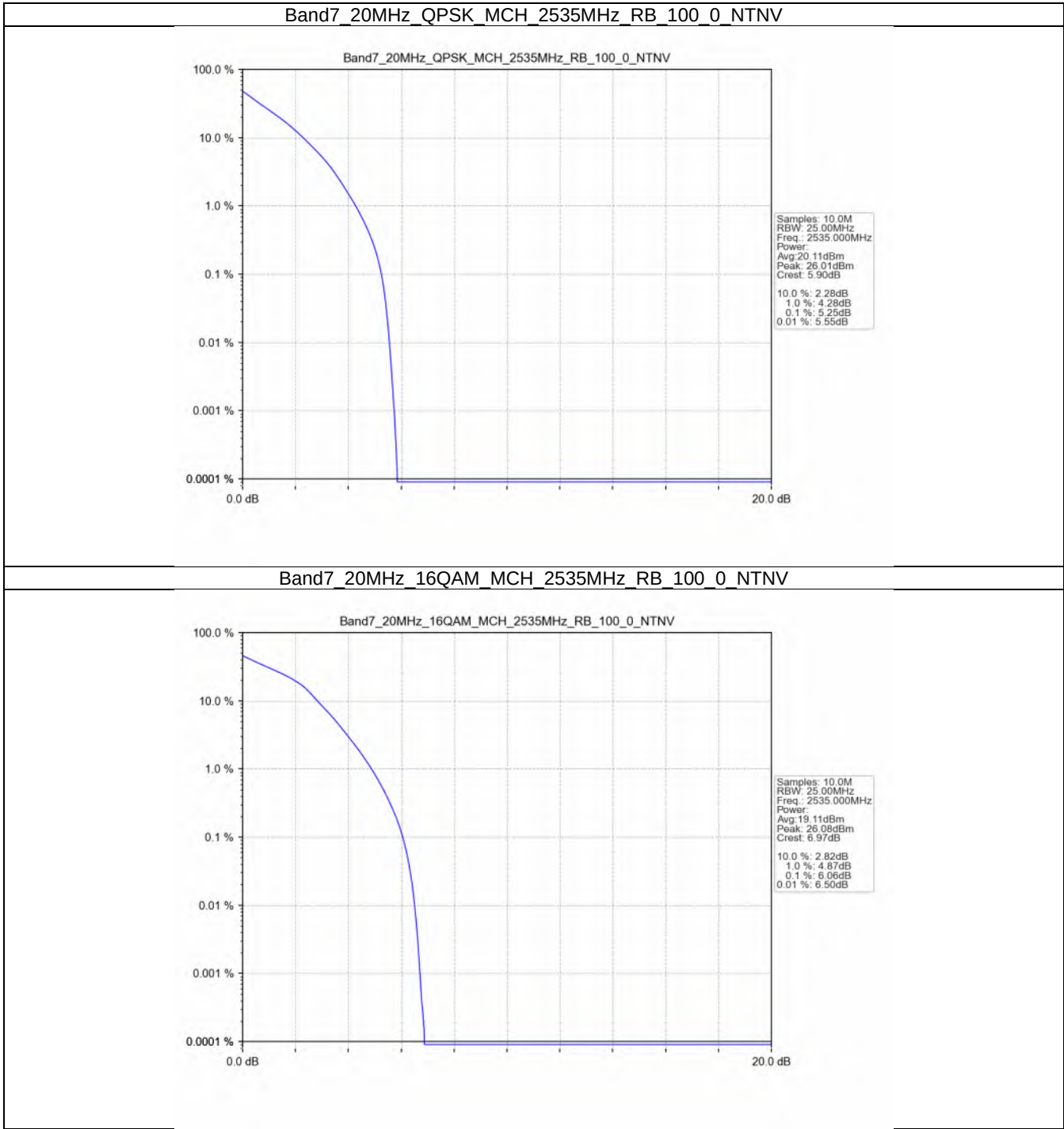
4.1 Test Result

4.1.1 B7_20MHz

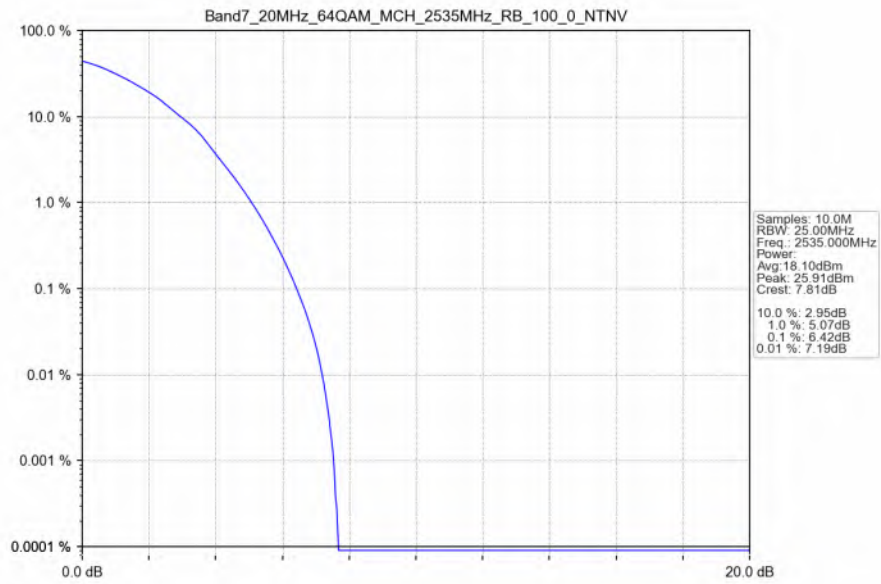
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.25	<=13	Pass
16QAM	2535	100	0	6.06	<=13	Pass
64QAM	2535	100	0	6.42	<=13	Pass
256QAM	2535	100	0	6.63	<=13	Pass

4.2 Test Graph

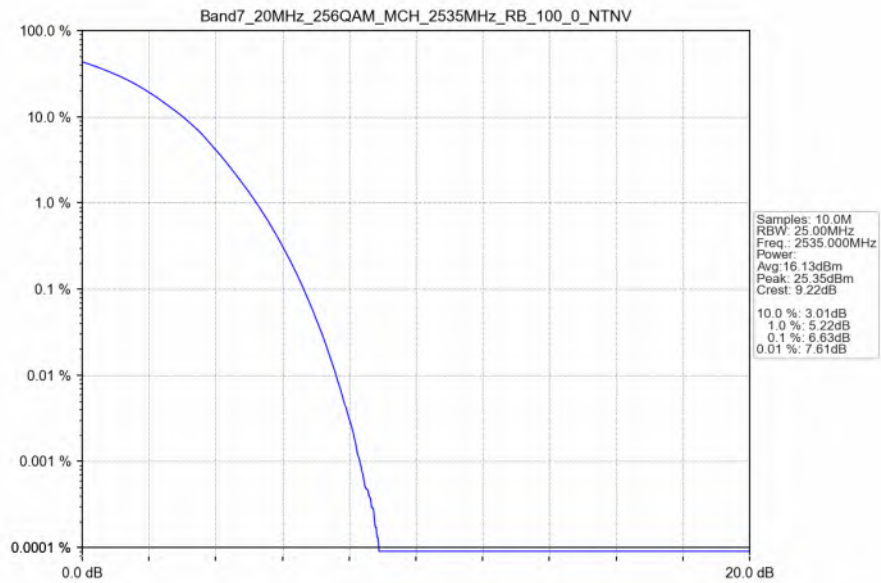
4.2.1 B7_20MHz



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 / NTV						
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

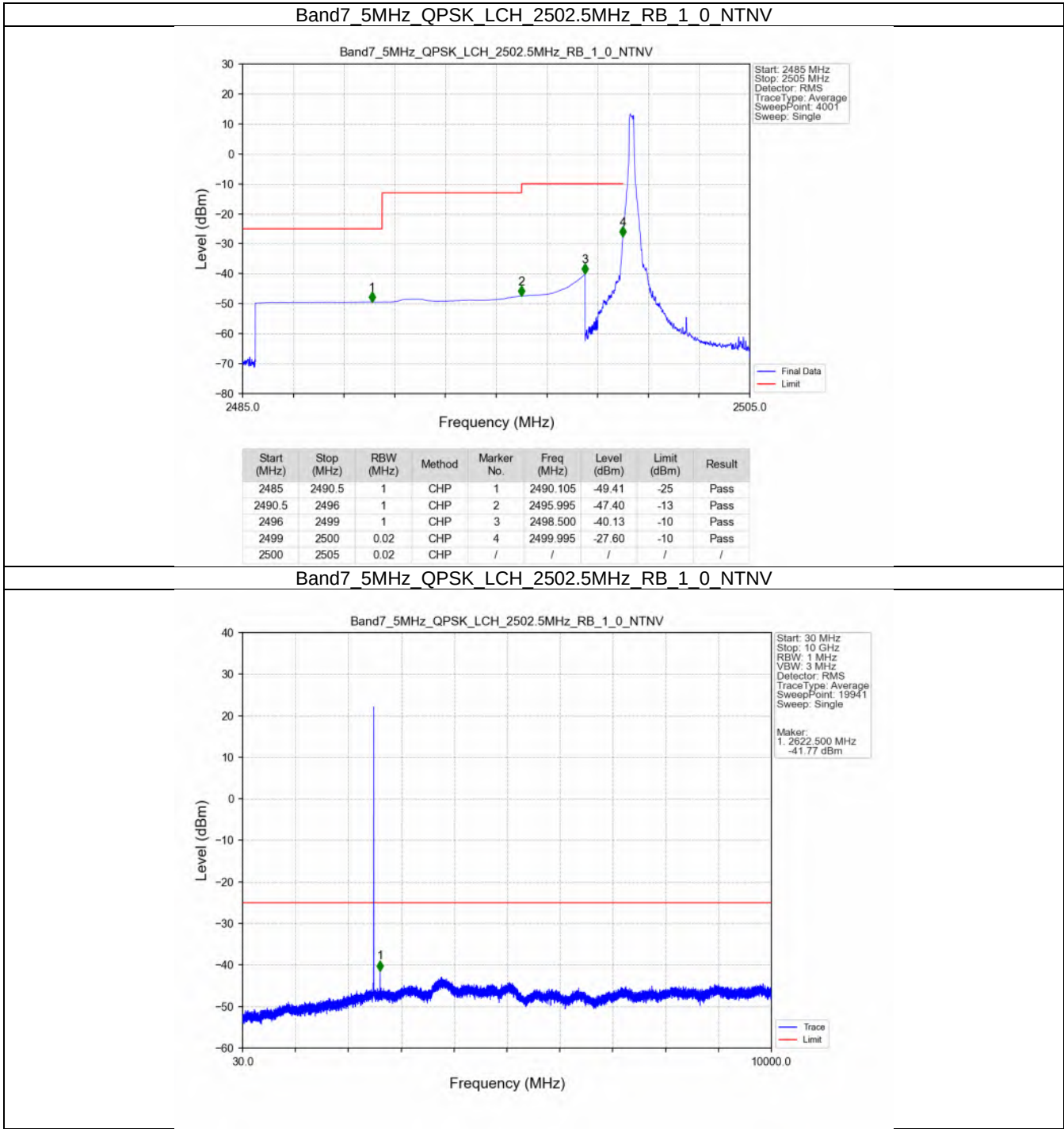
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

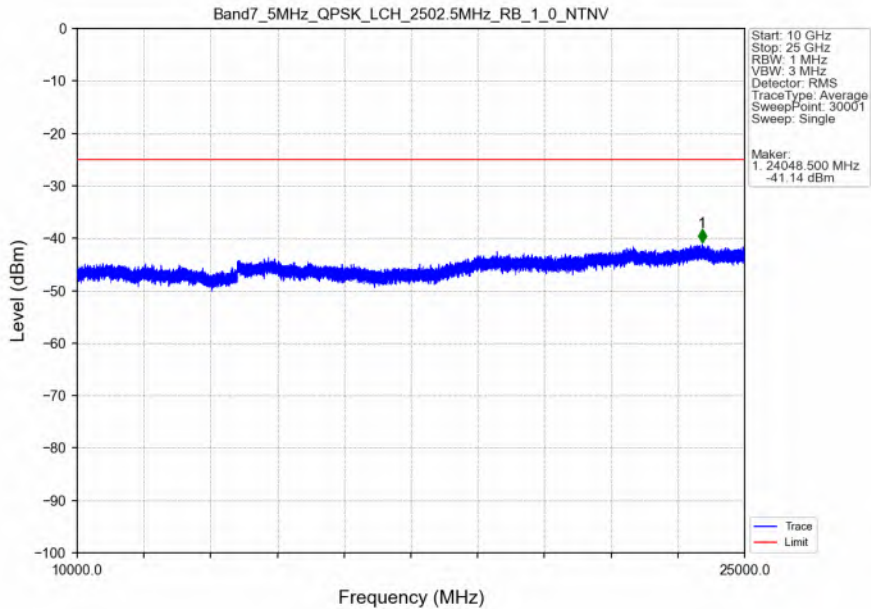
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

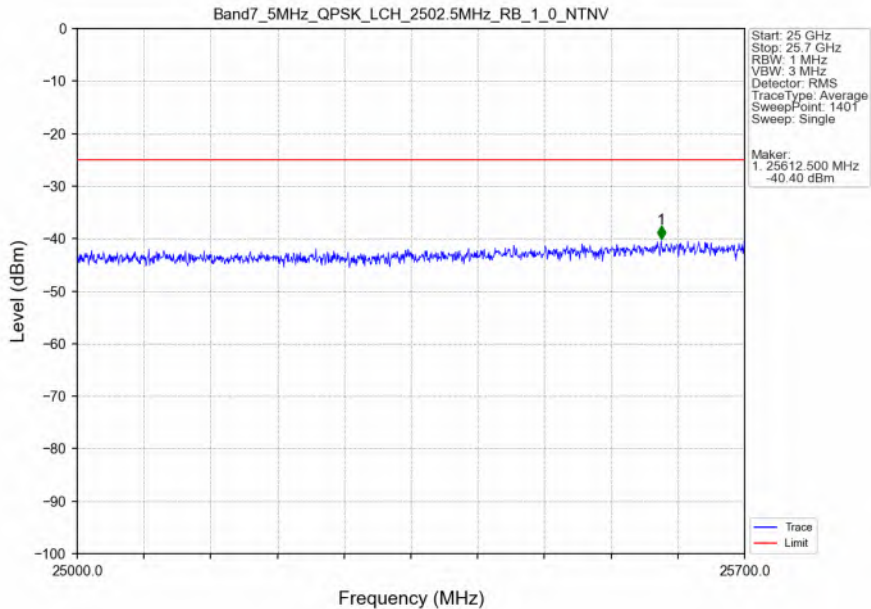
5.2.1 B7_5MHz



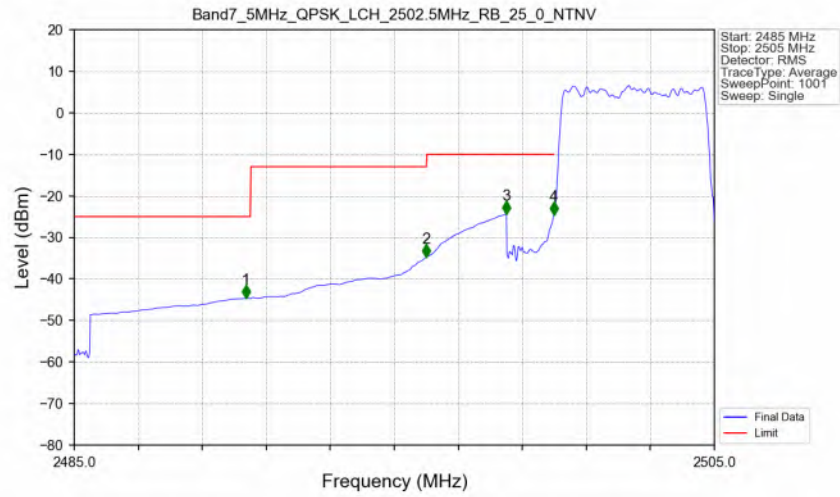
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



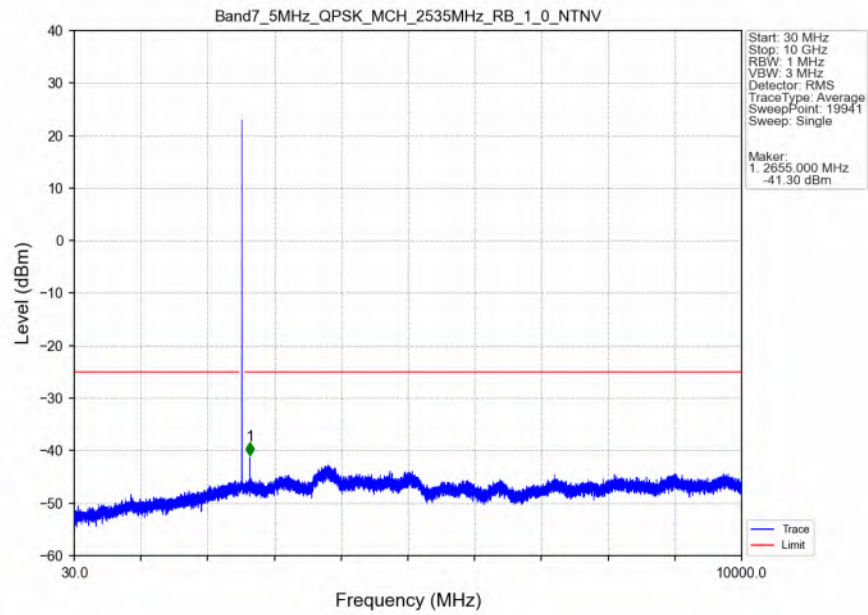
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



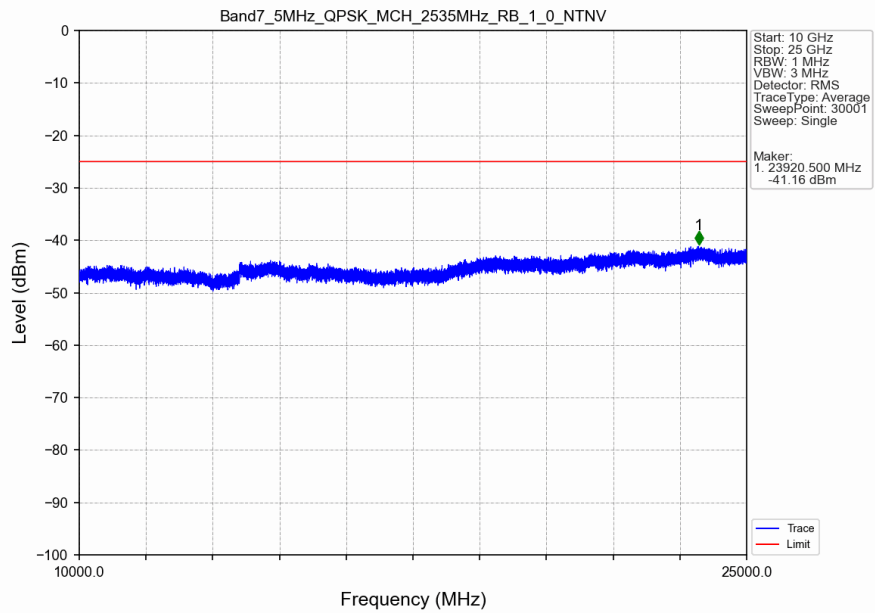
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



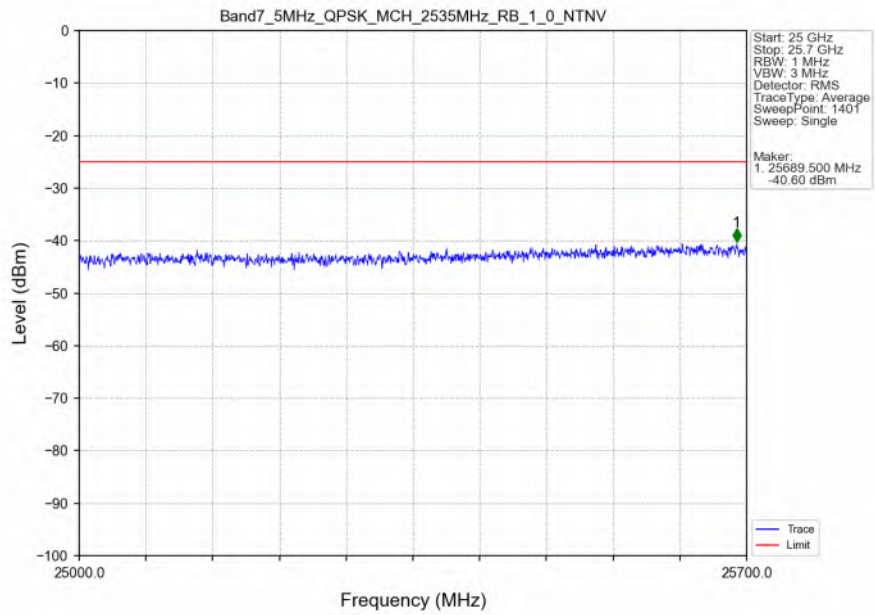
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



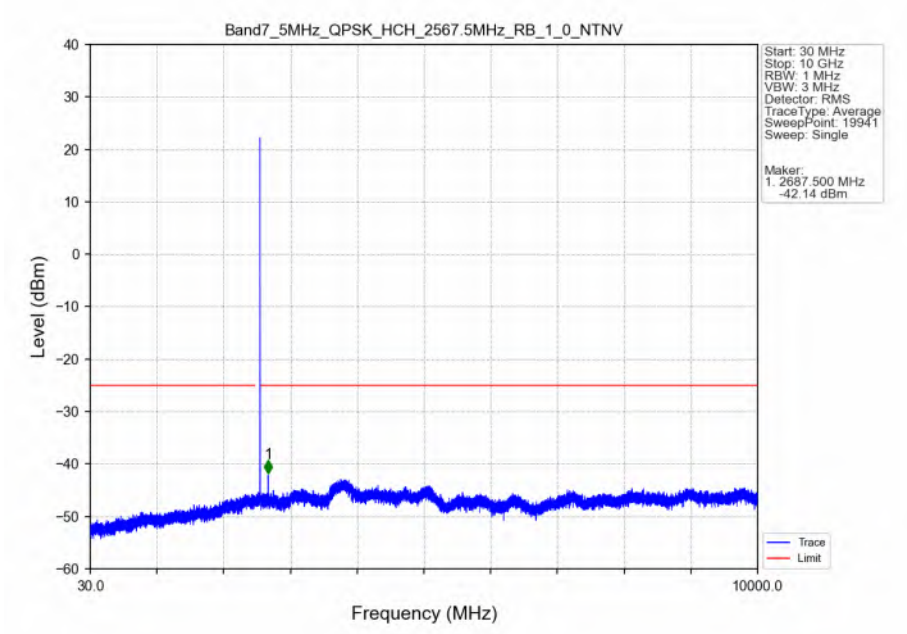
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



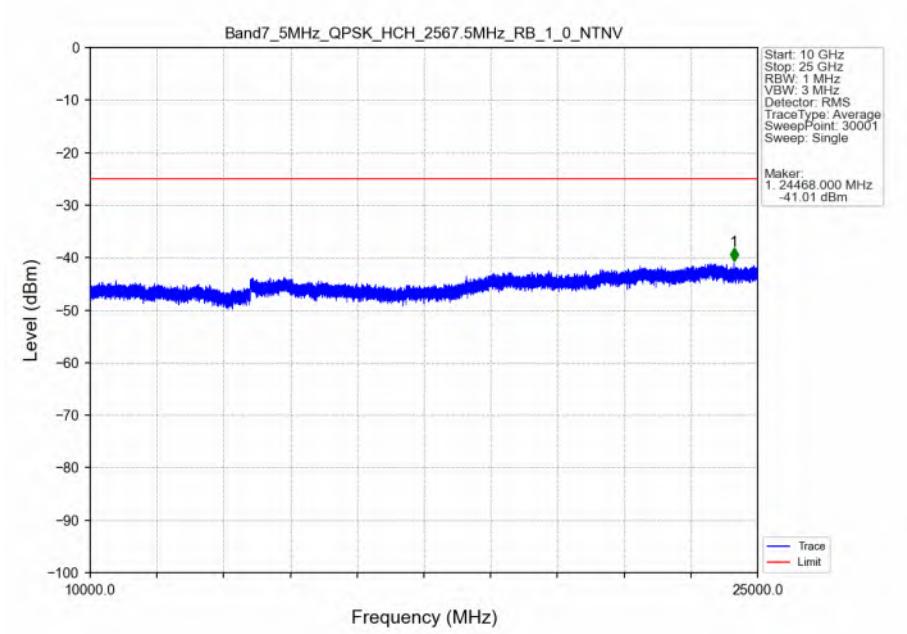
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



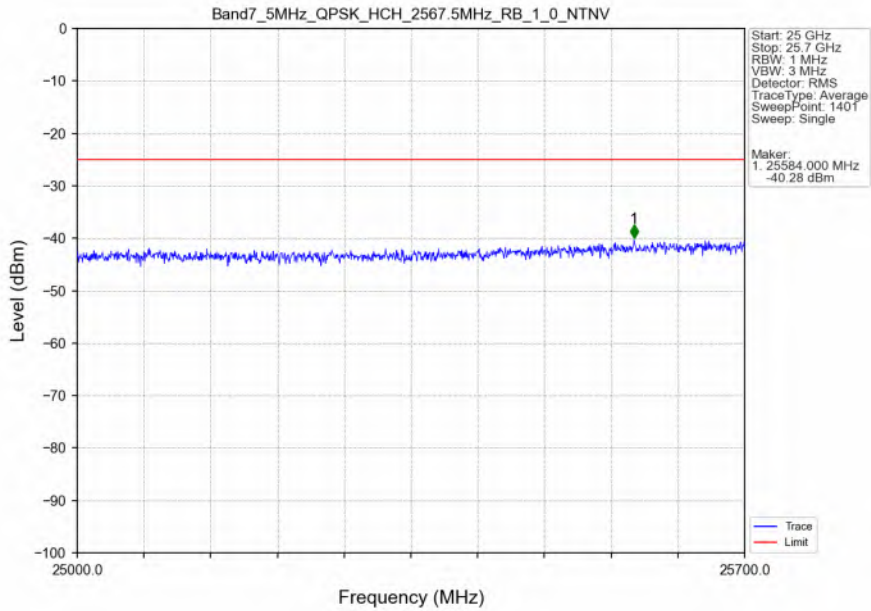
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



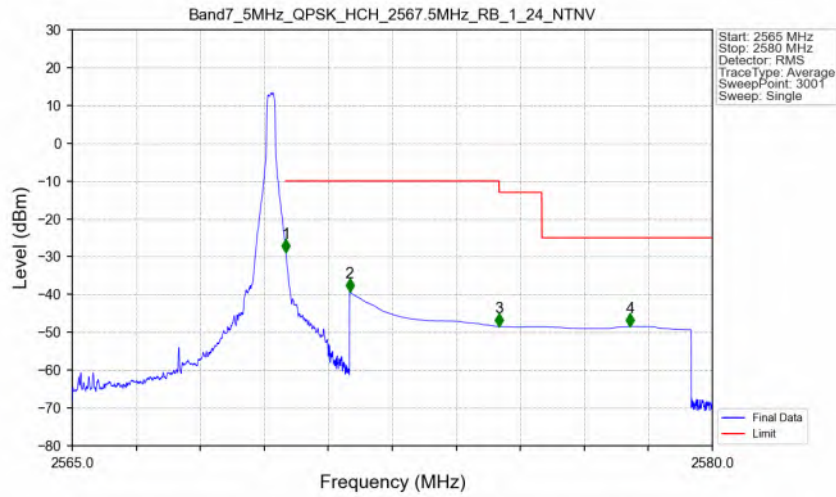
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV

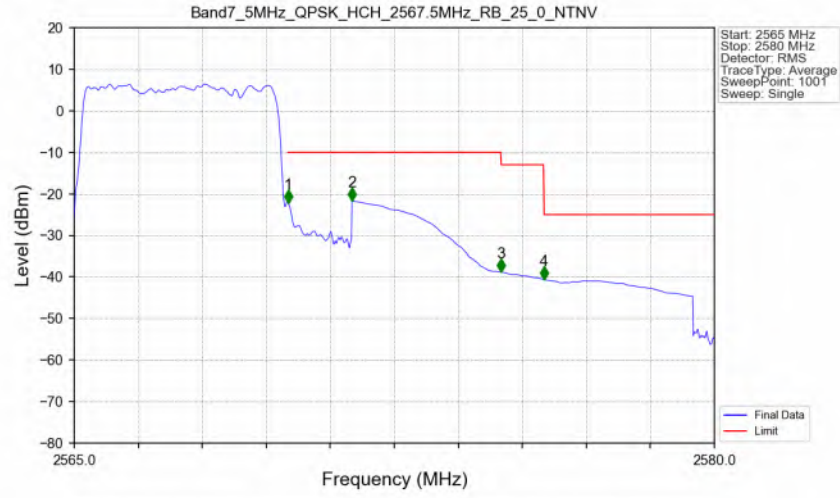


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTNV



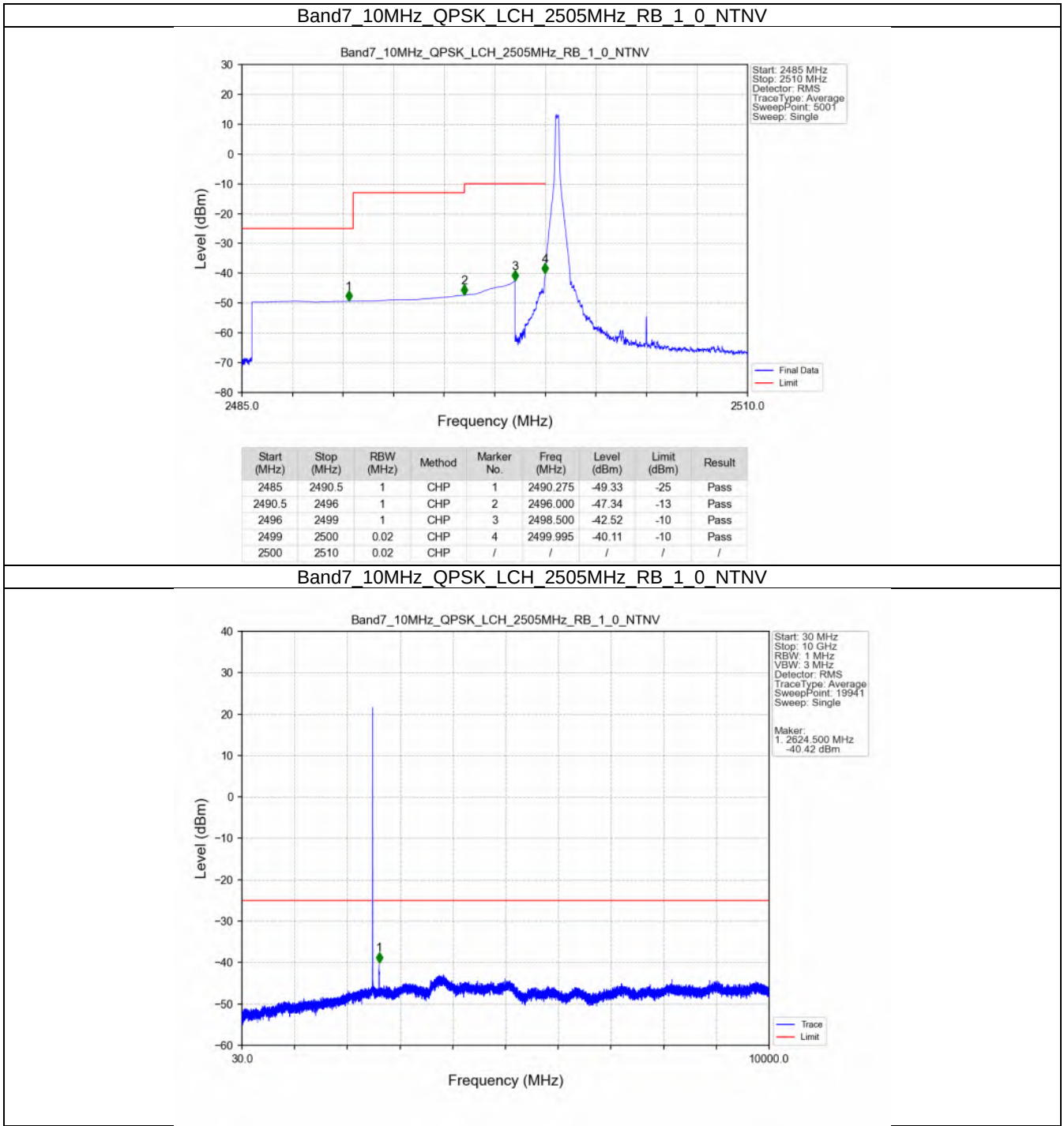
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.84	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.33	-10	Pass
2575	2576	1	CHP	3	2575.005	-48.48	-13	Pass
2576	2580	1	CHP	4	2578.075	-48.44	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV

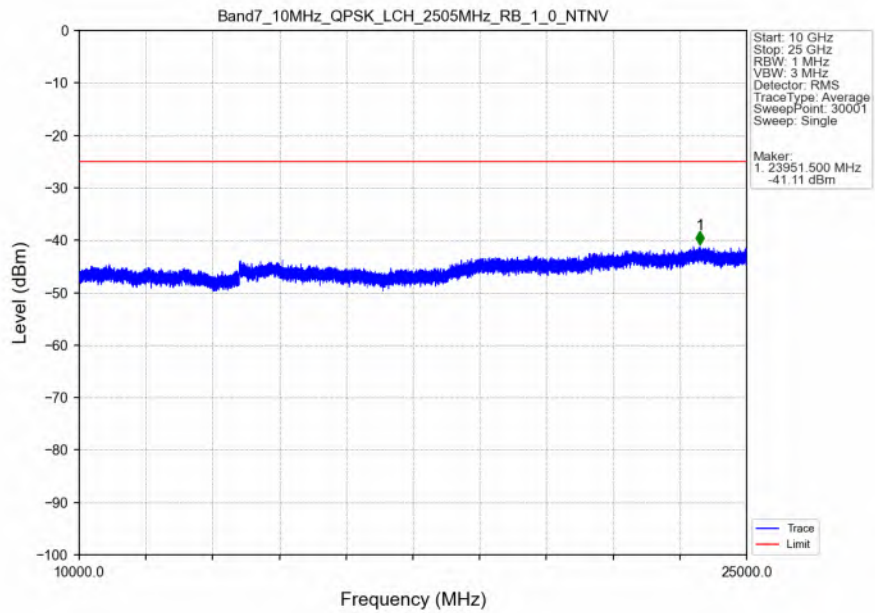


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.105	CHP	/	/	/	/	/
2570	2571	0.105	CHP	1	2570.010	-22.16	-10	Pass
2571	2575	1	CHP	2	2571.510	-21.69	-10	Pass
2575	2576	1	CHP	3	2575.005	-38.82	-13	Pass
2576	2580	1	CHP	4	2576.010	-40.64	-25	Pass

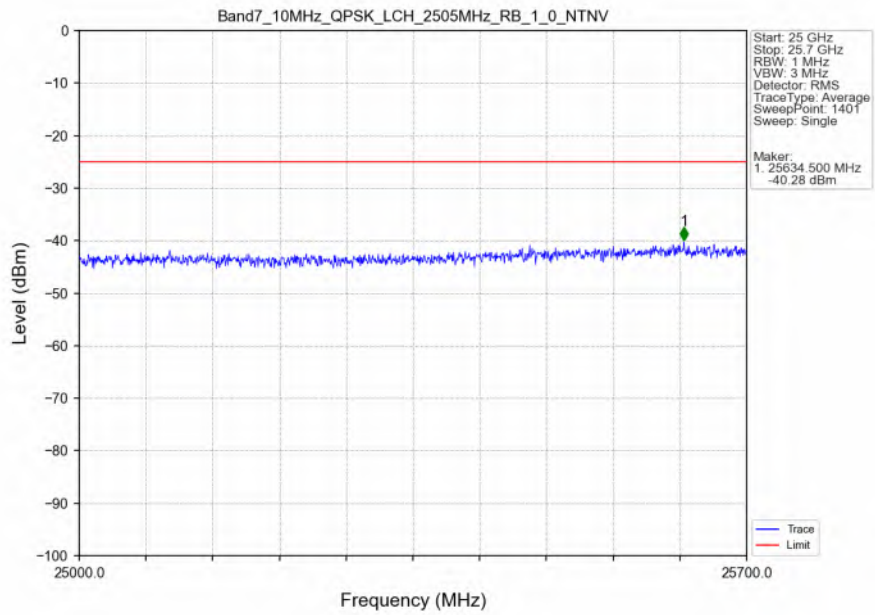
5.2.2 B7_10MHz



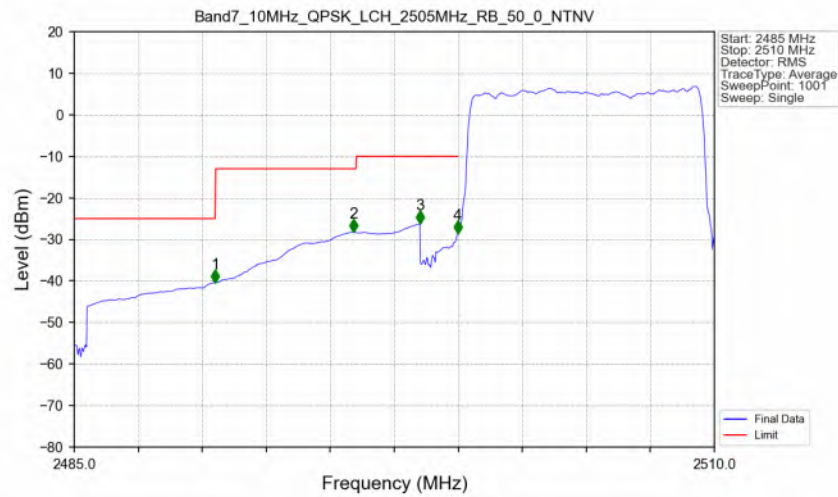
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN



Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN

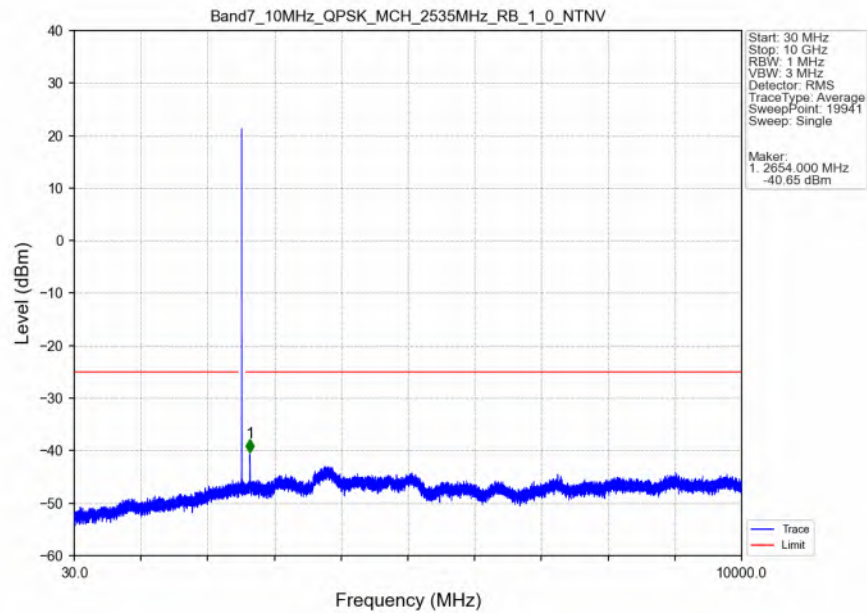


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV

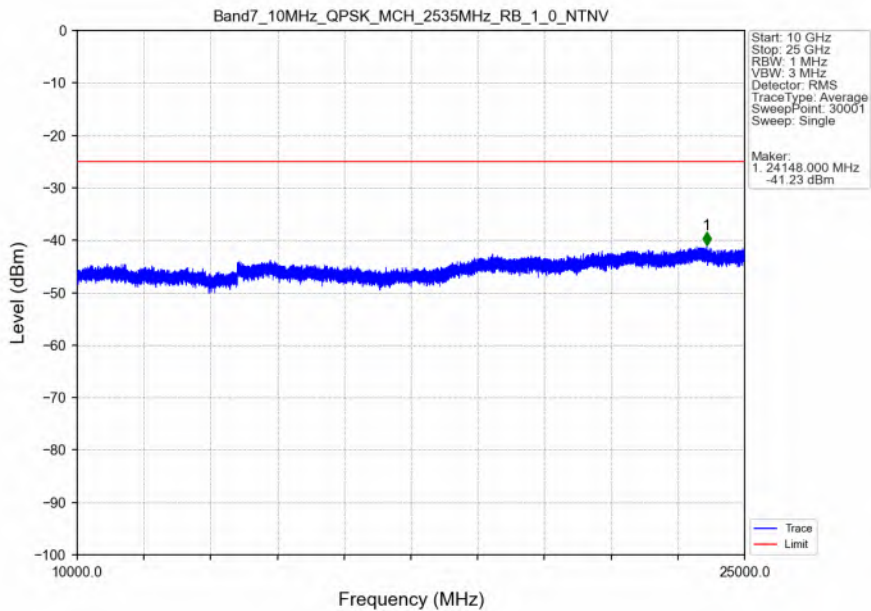


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-40.44	-25	Pass
2490.5	2496	1	CHP	2	2495.900	-28.28	-13	Pass
2496	2499	1	CHP	3	2498.500	-26.21	-10	Pass
2499	2500	0.205	CHP	4	2499.975	-28.53	-10	Pass
2500	2510	0.205	CHP	/	/	/	/	/

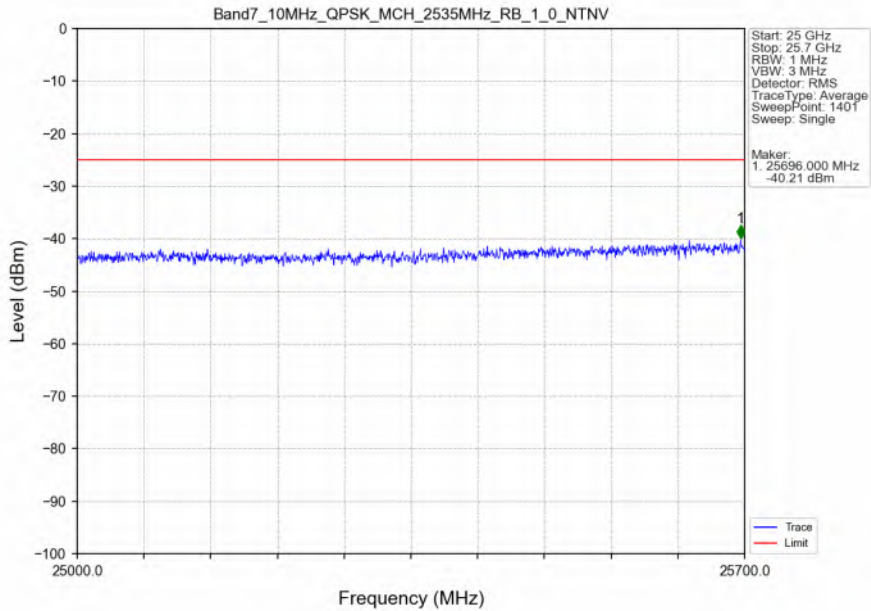
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



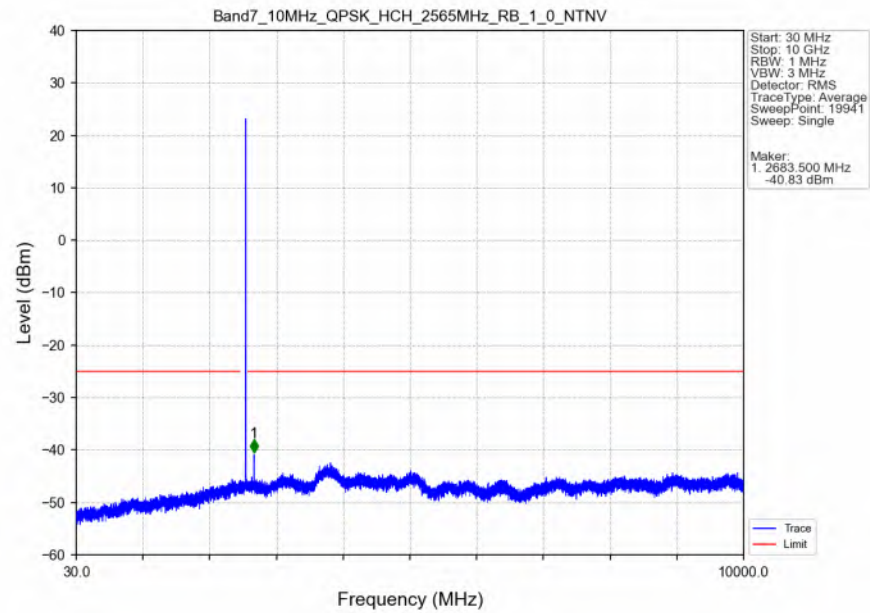
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



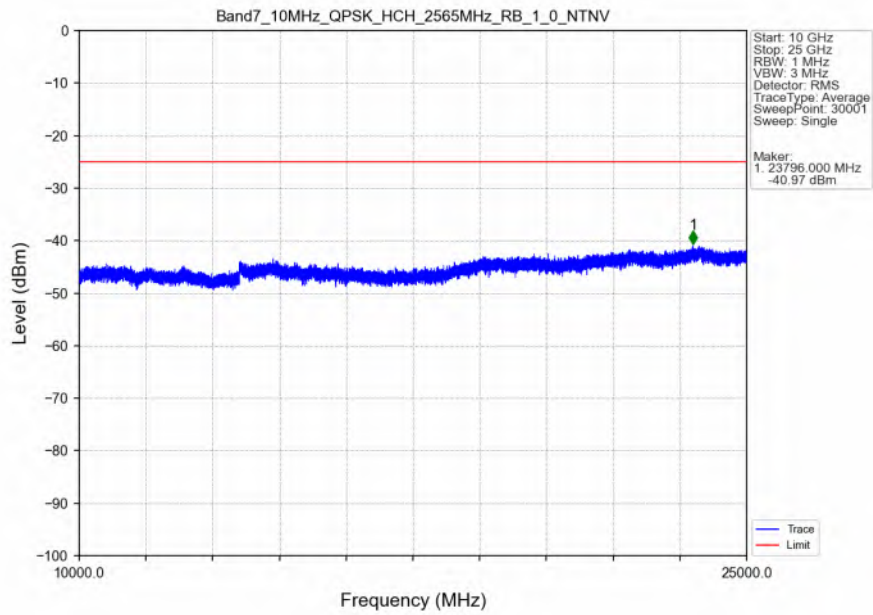
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



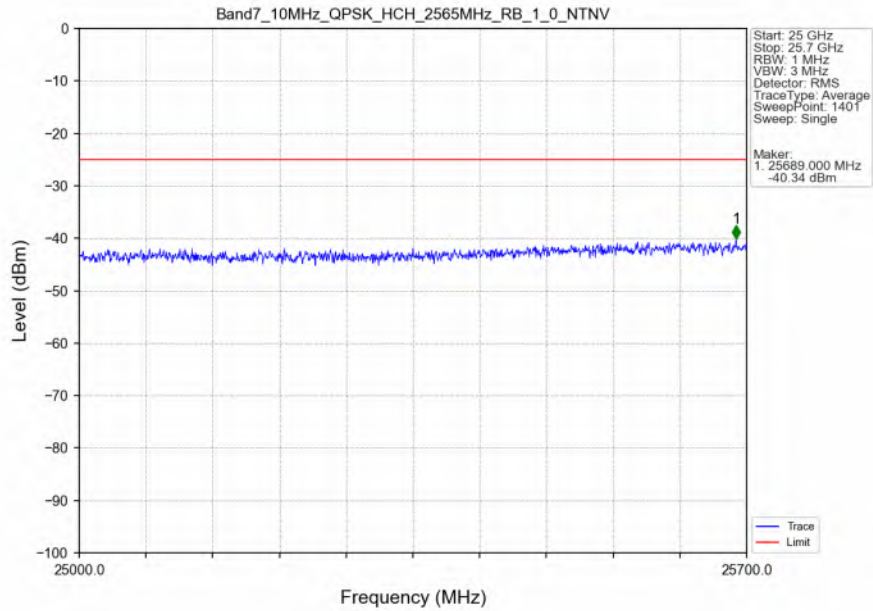
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



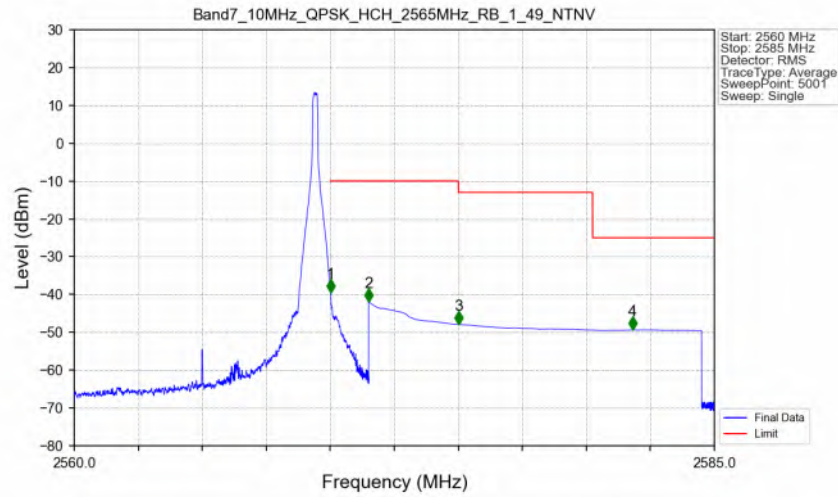
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

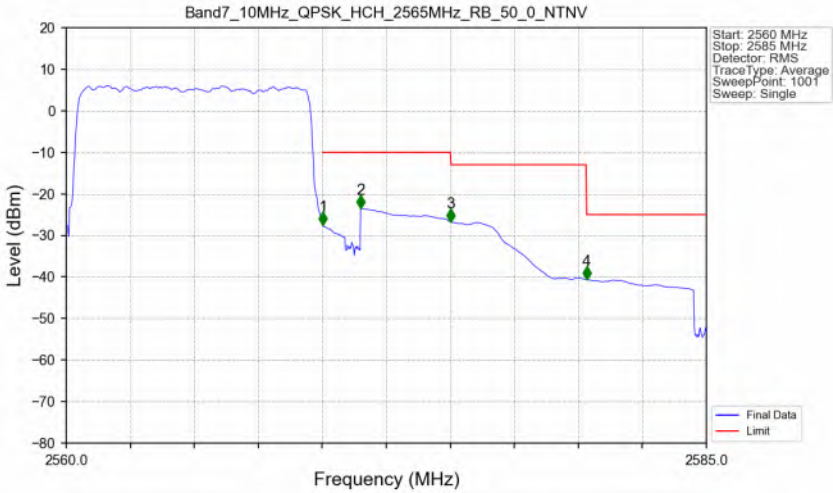


Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



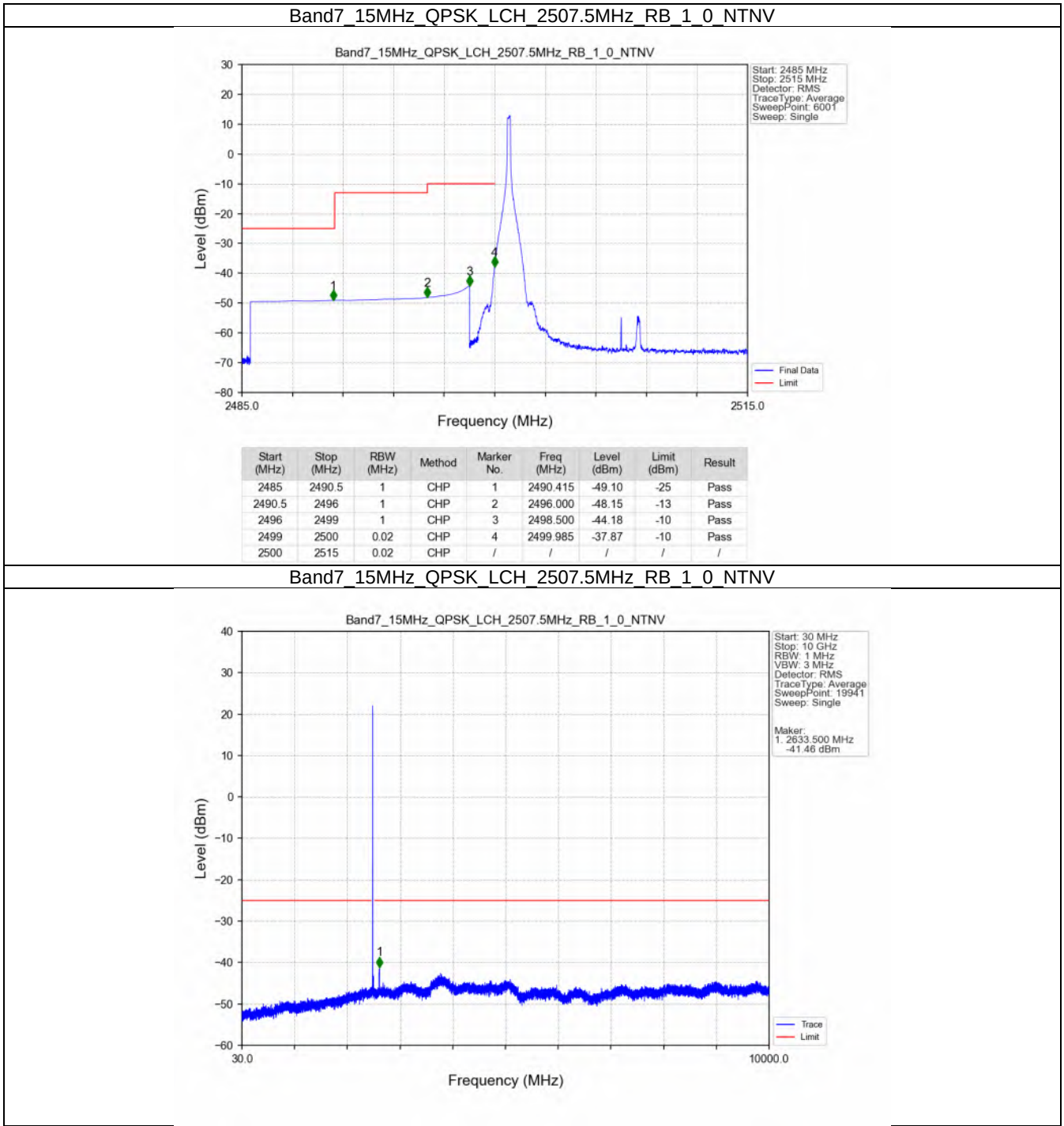
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-39.45	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.89	-10	Pass
2575	2580.244	1	CHP	3	2575.005	-47.92	-13	Pass
2580.244	2585	1	CHP	4	2581.810	-49.34	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

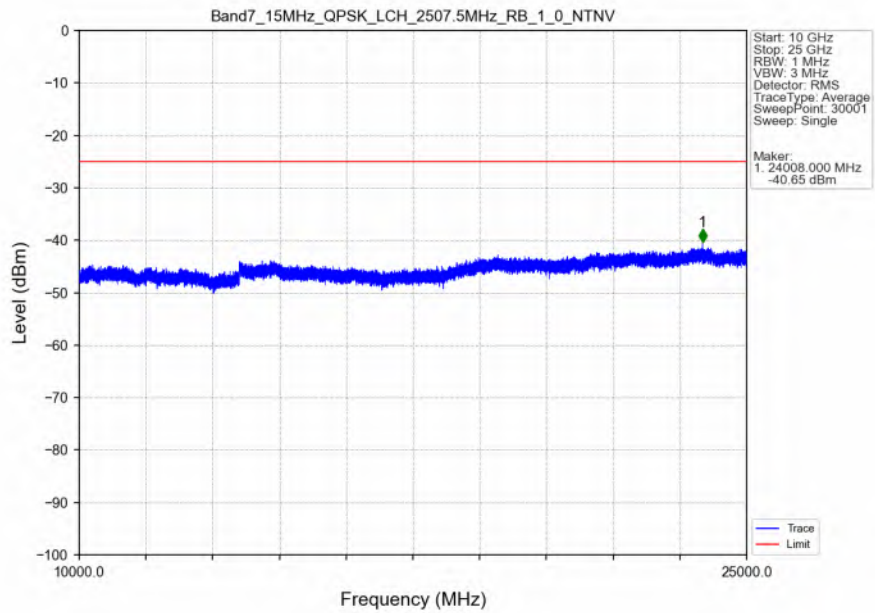


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.206	CHP	/	/	/	/	/
2570	2571	0.206	CHP	1	2570.025	-27.46	-10	Pass
2571	2575	1	CHP	2	2571.500	-23.52	-10	Pass
2575	2580.301	1	CHP	3	2575.025	-26.80	-13	Pass
2580.301	2585	1	CHP	4	2580.325	-40.60	-25	Pass

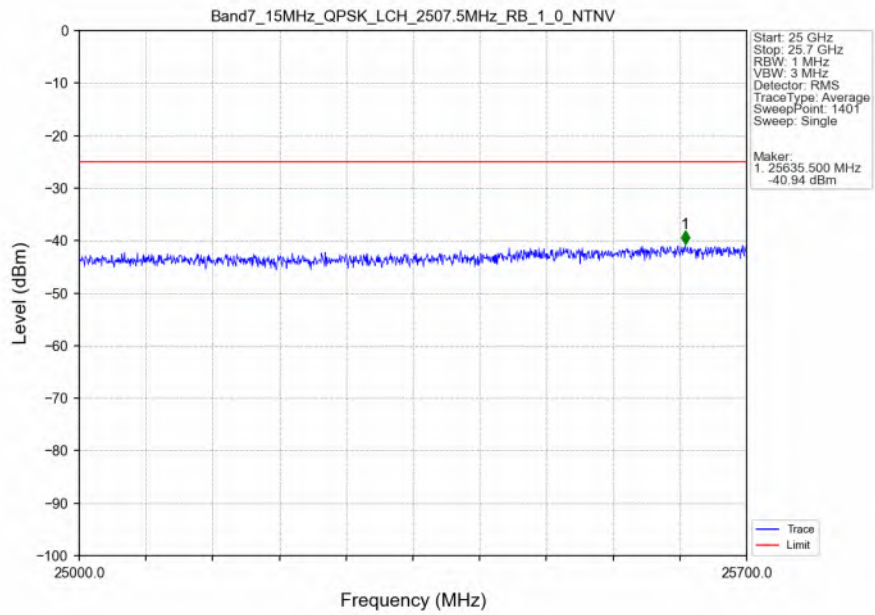
5.2.3 B7_15MHz



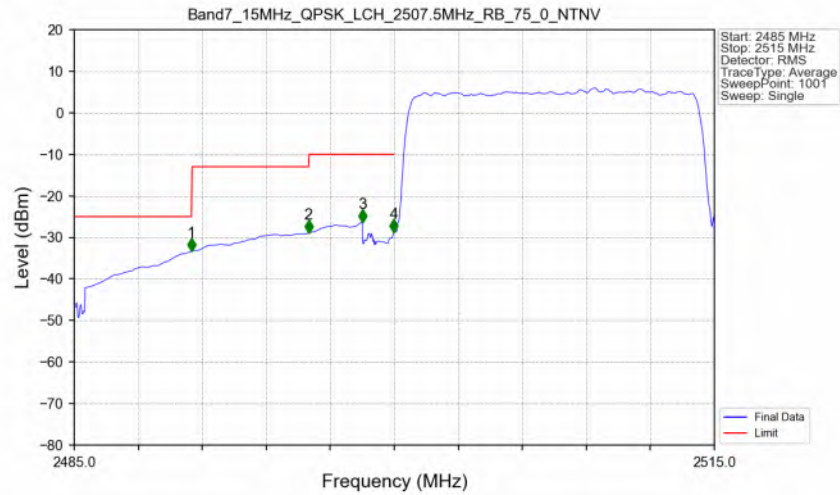
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

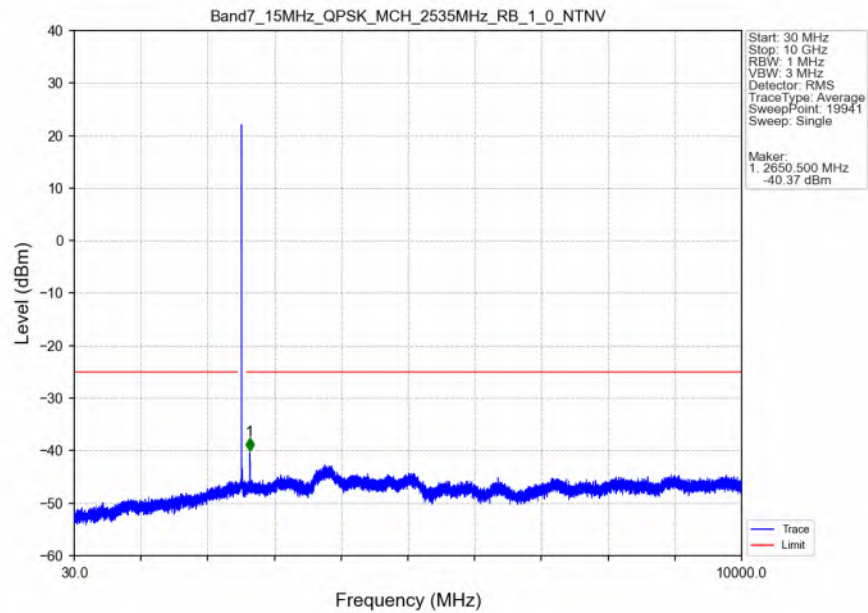


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

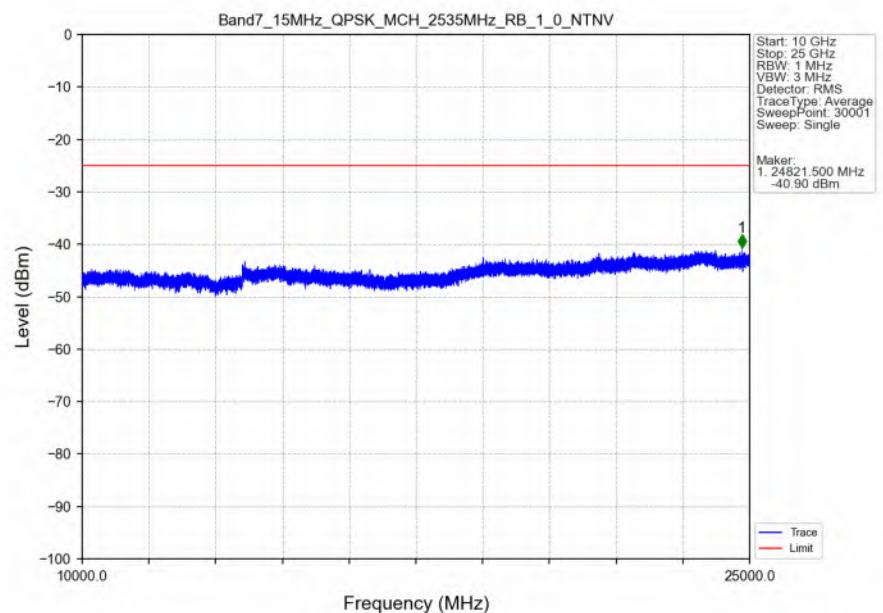


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.37	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-28.91	-13	Pass
2496	2499	1	CHP	3	2498.500	-26.36	-10	Pass
2499	2500	0.304	CHP	4	2499.970	-28.84	-10	Pass
2500	2515	0.304	CHP	/	/	/	/	/

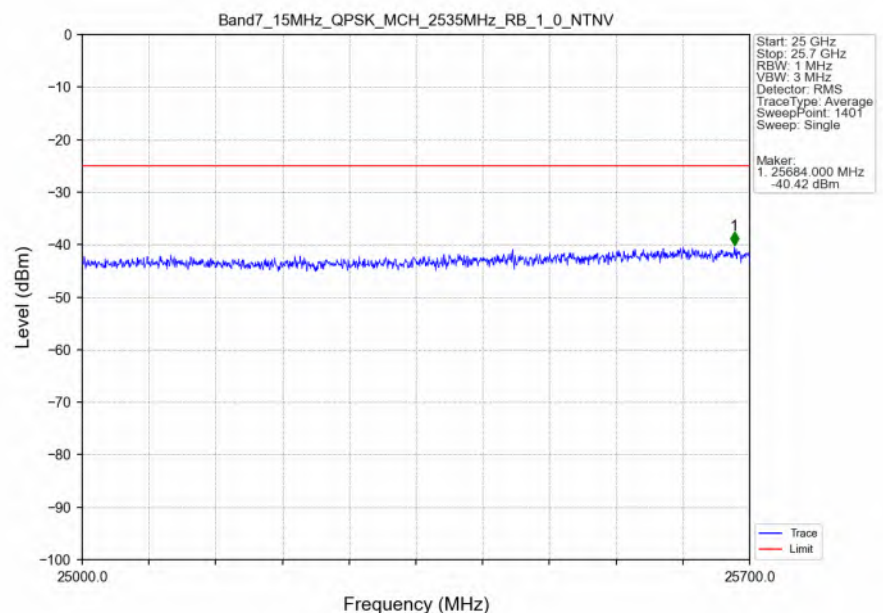
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



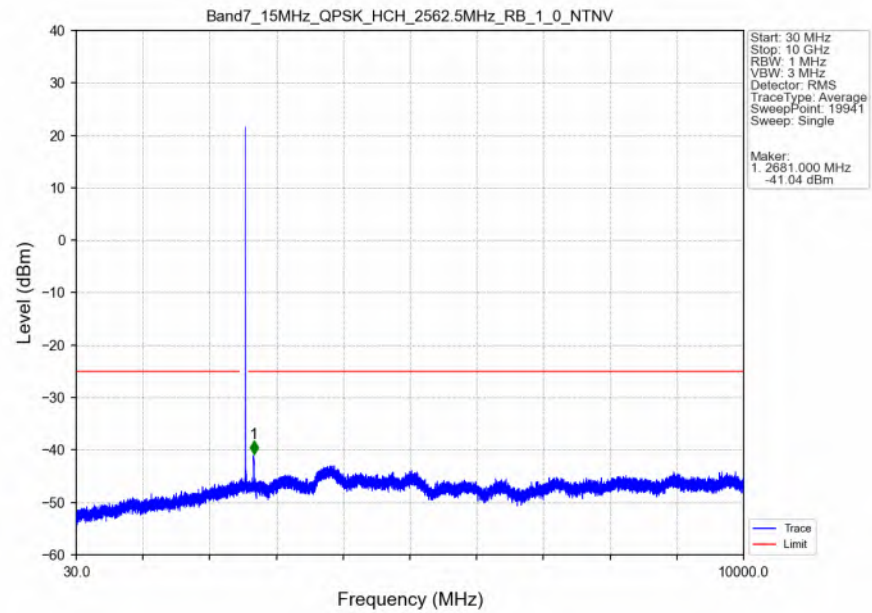
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



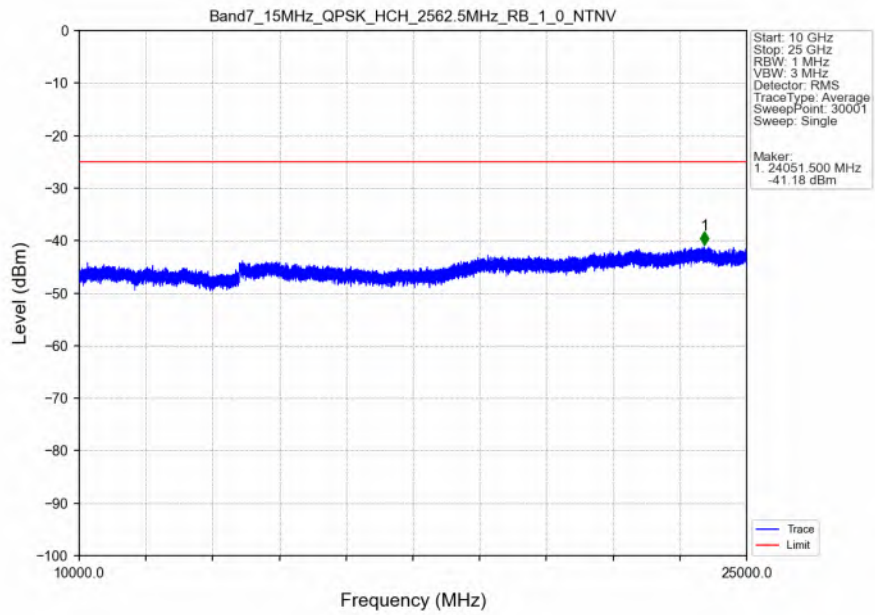
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



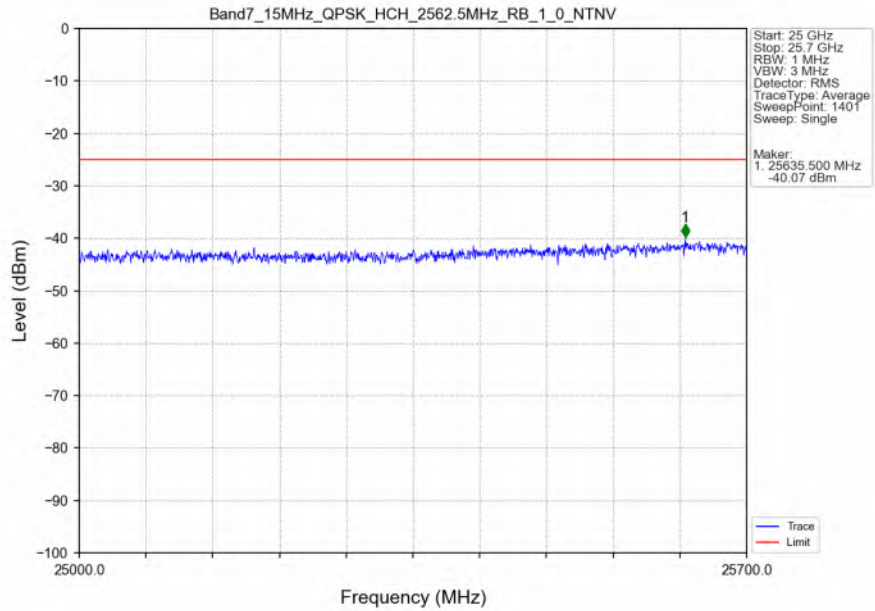
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



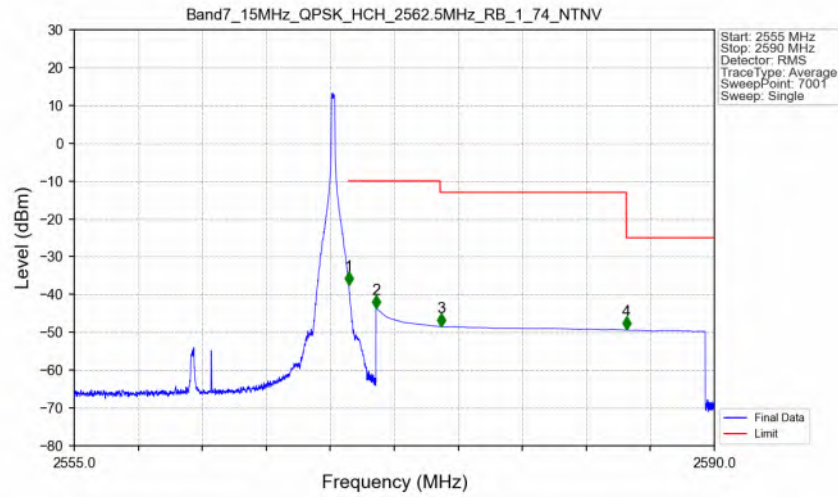
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

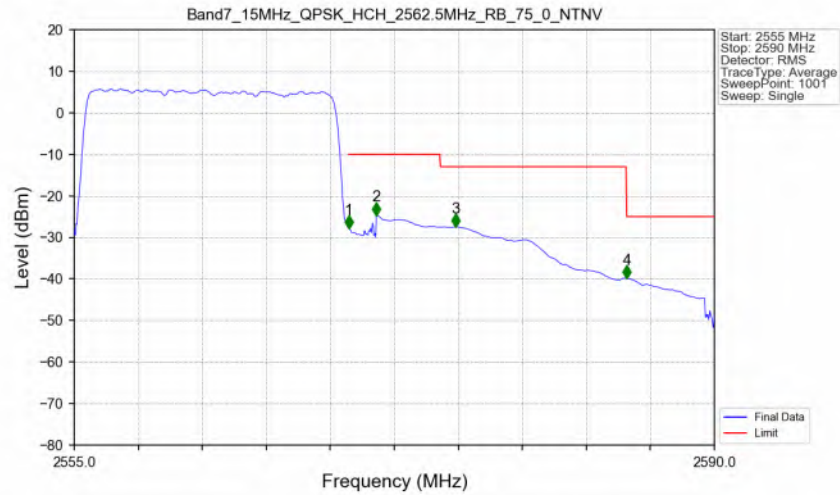


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



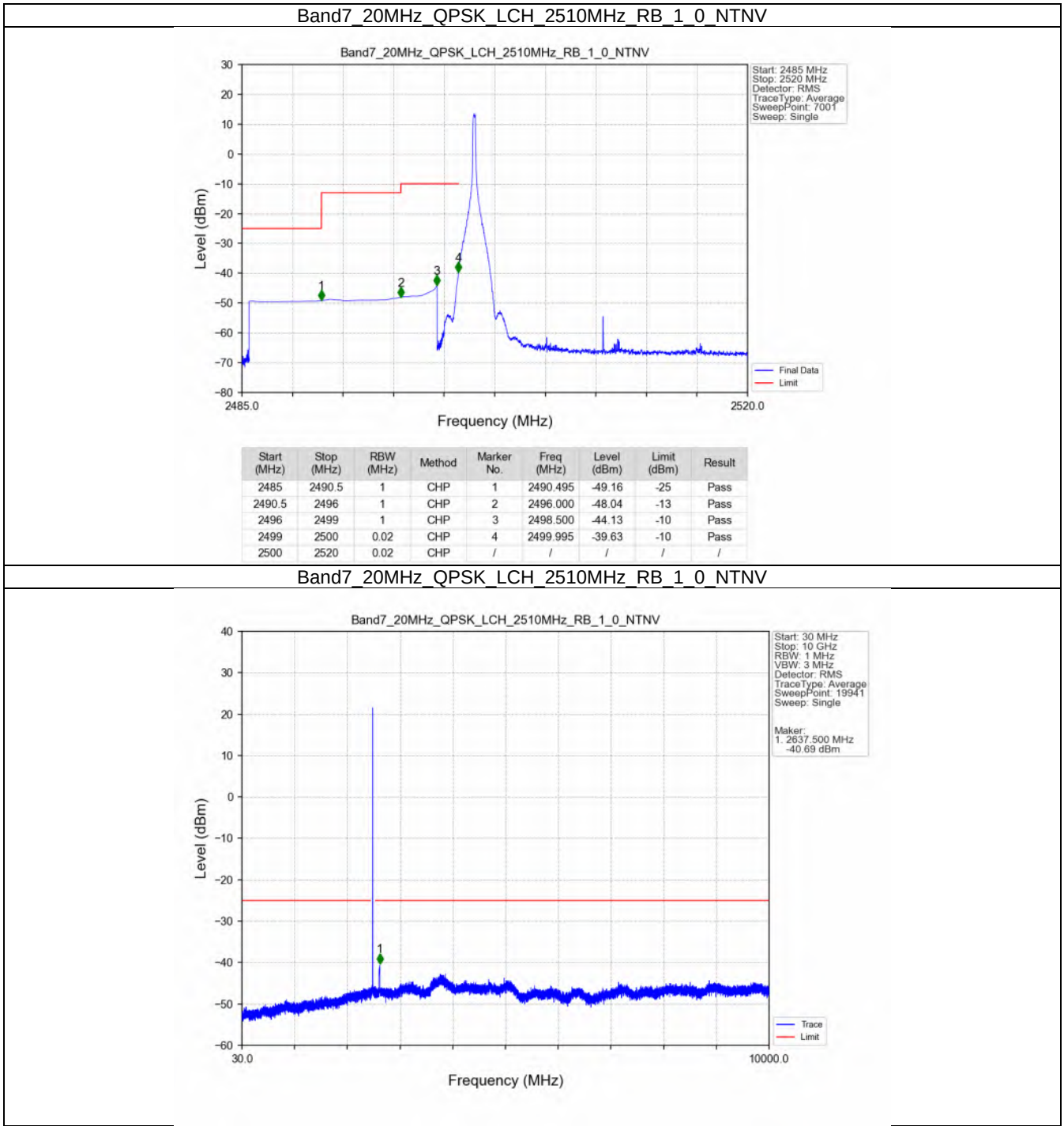
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.41	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.58	-10	Pass
2575	2585.182	1	CHP	3	2575.045	-48.45	-13	Pass
2585.182	2590	1	CHP	4	2585.200	-49.38	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

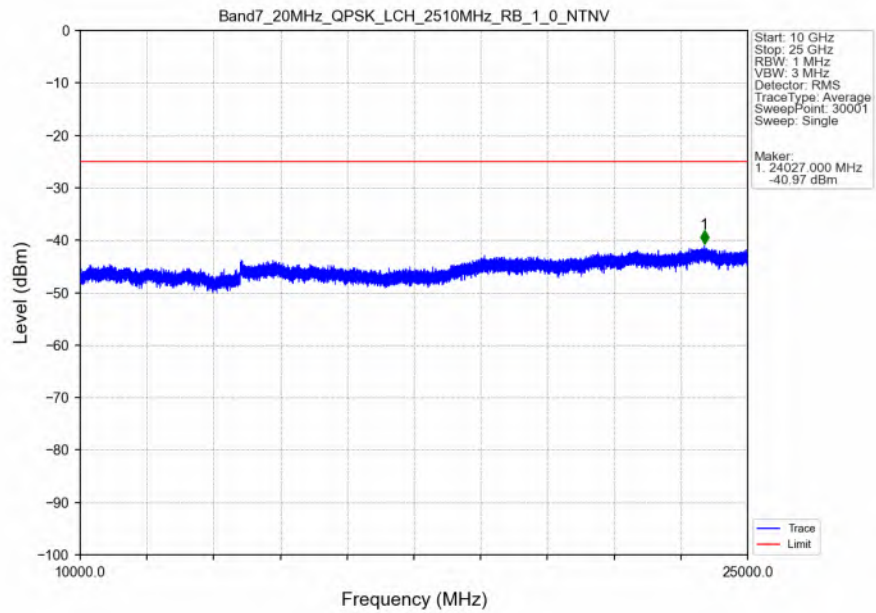


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.304	CHP	/	/	/	/	/
2570	2571	0.304	CHP	1	2570.015	-27.85	-10	Pass
2571	2575	1	CHP	2	2571.520	-24.66	-10	Pass
2575	2585.182	1	CHP	3	2575.860	-27.45	-13	Pass
2585.182	2590	1	CHP	4	2585.205	-39.90	-25	Pass

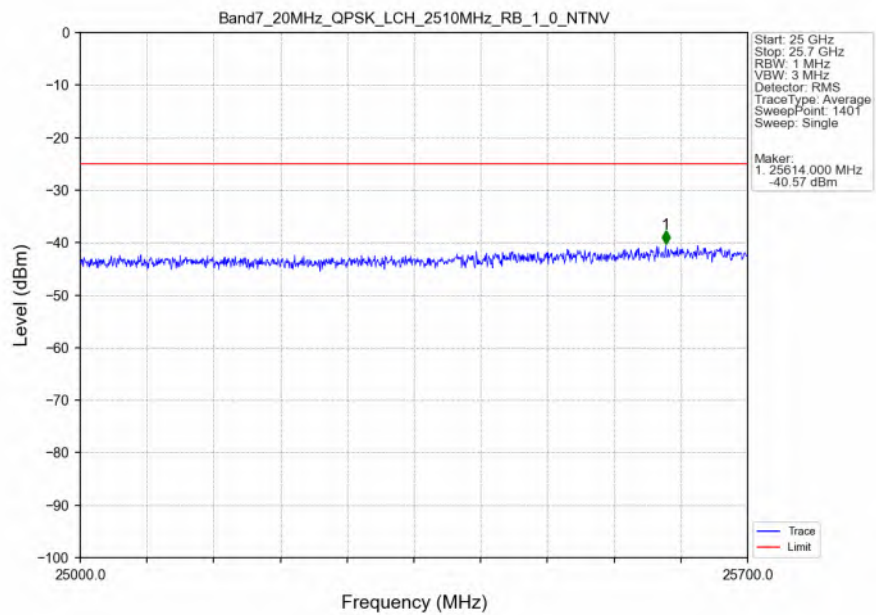
5.2.4 B7_20MHz



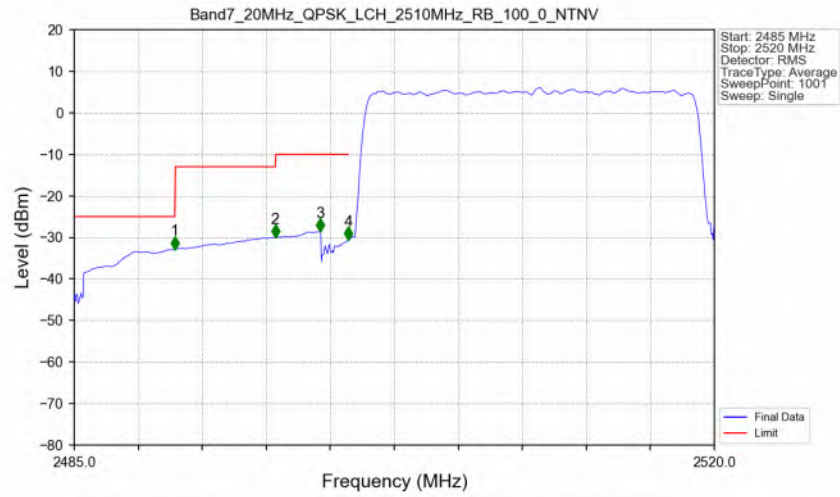
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

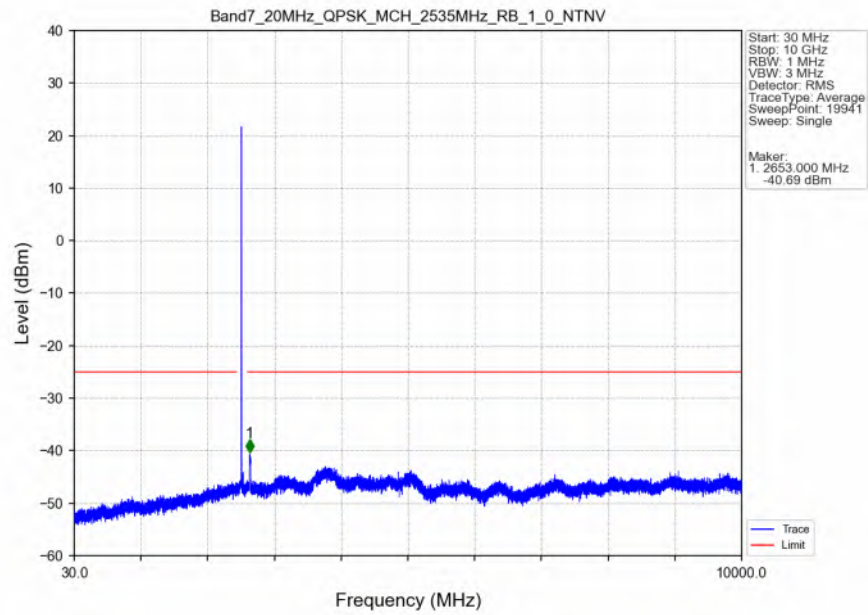


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

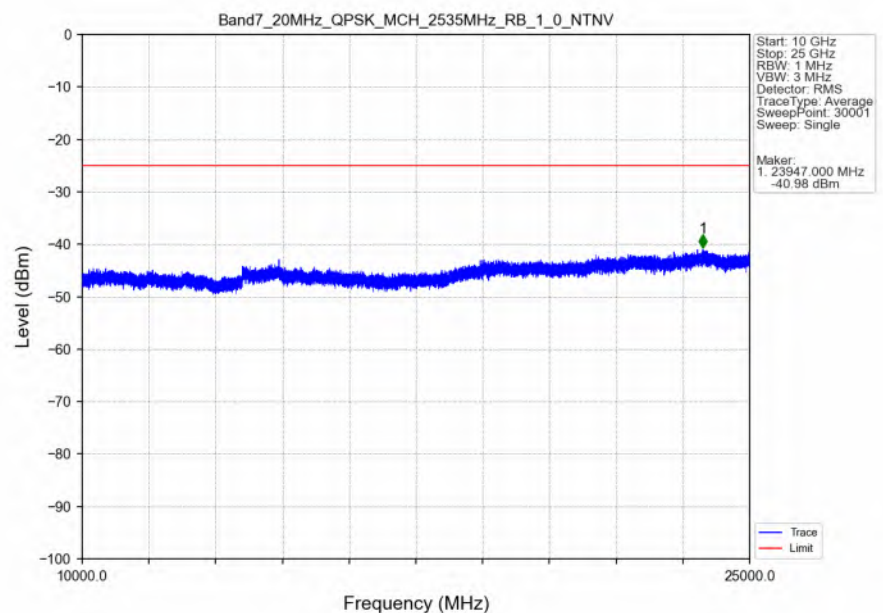


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-32.86	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-30.02	-13	Pass
2496	2499	1	CHP	3	2498.440	-28.59	-10	Pass
2499	2500	0.401	CHP	4	2499.980	-30.64	-10	Pass
2500	2520	0.401	CHP	/	/	/	/	/

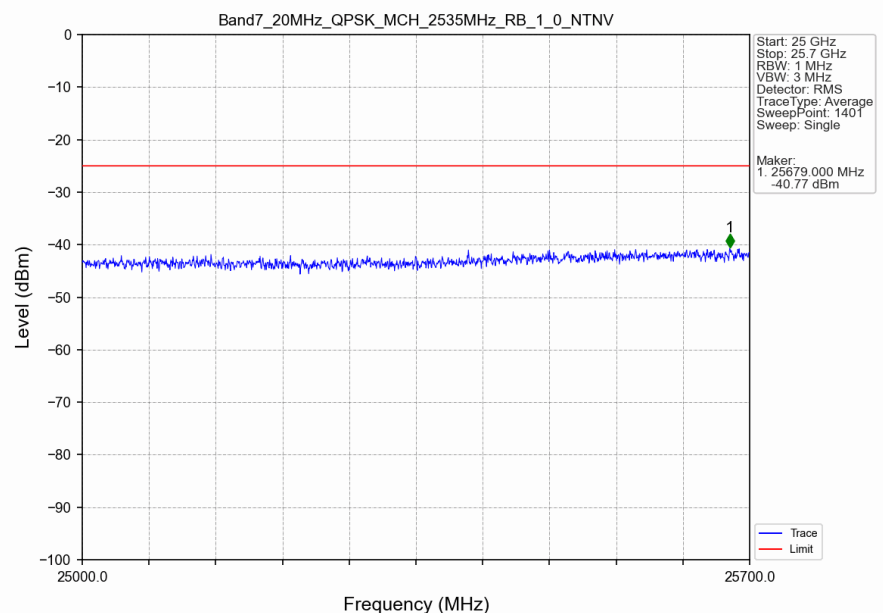
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



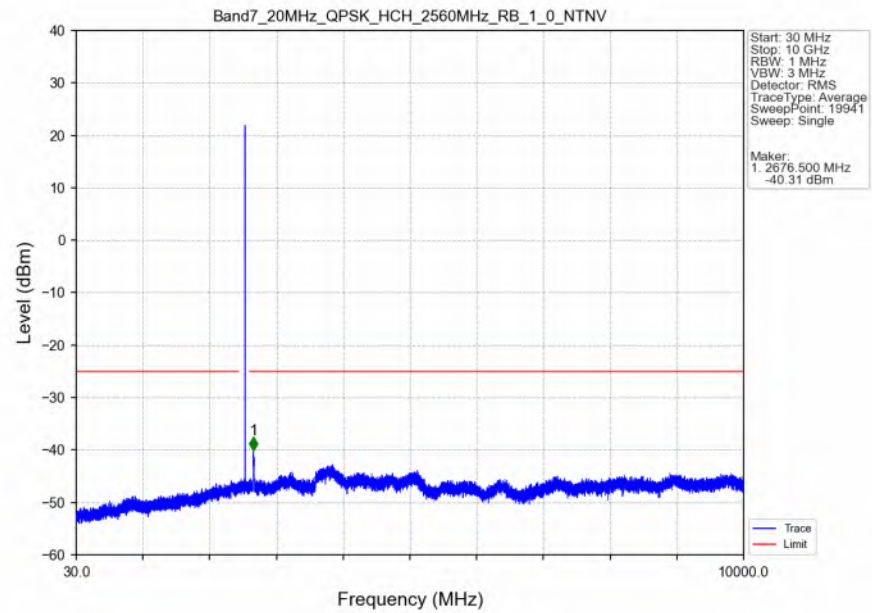
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



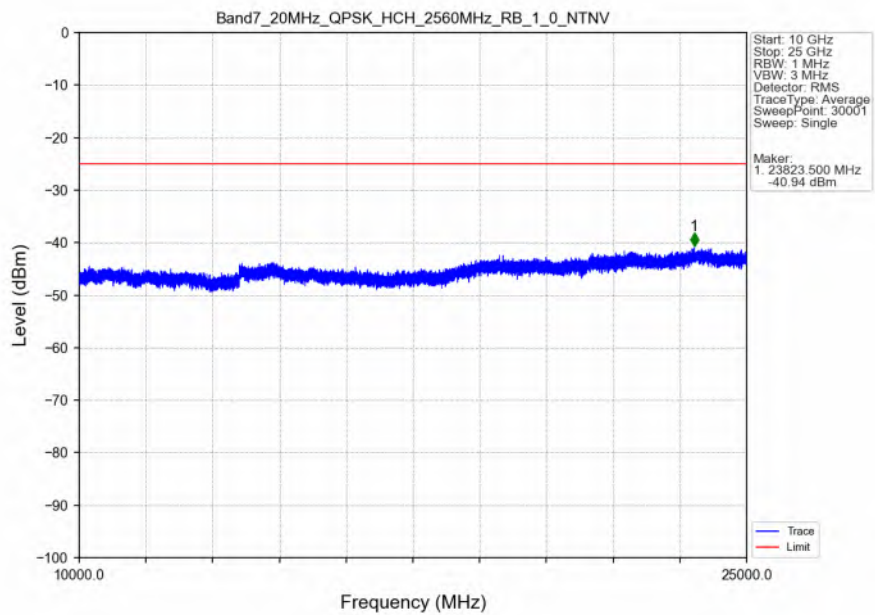
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



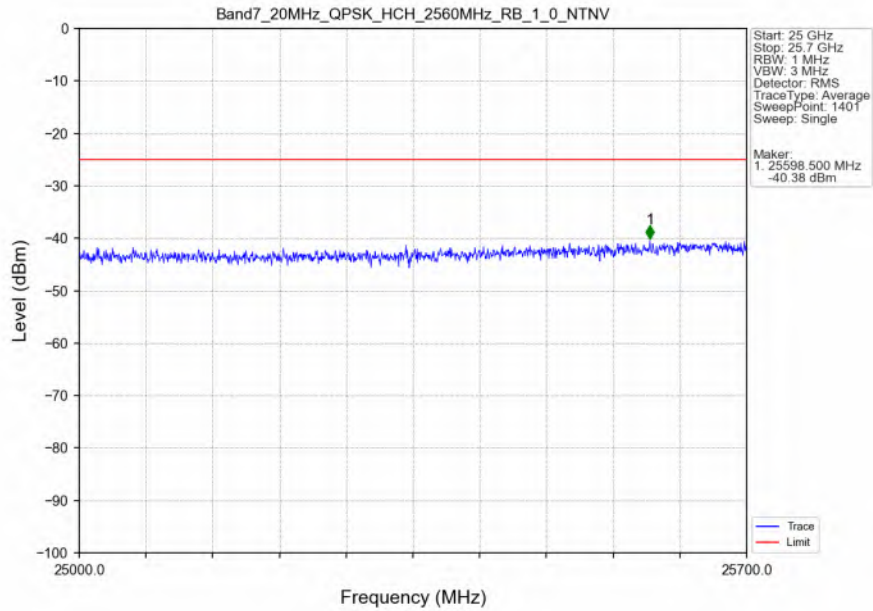
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



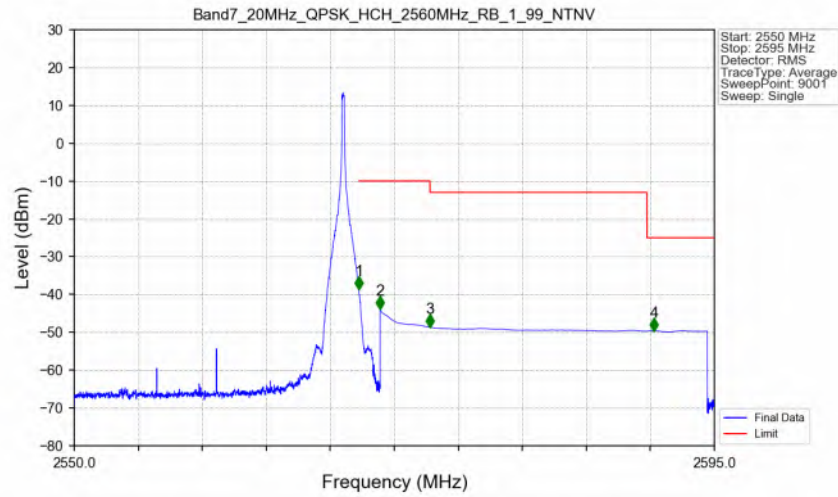
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV

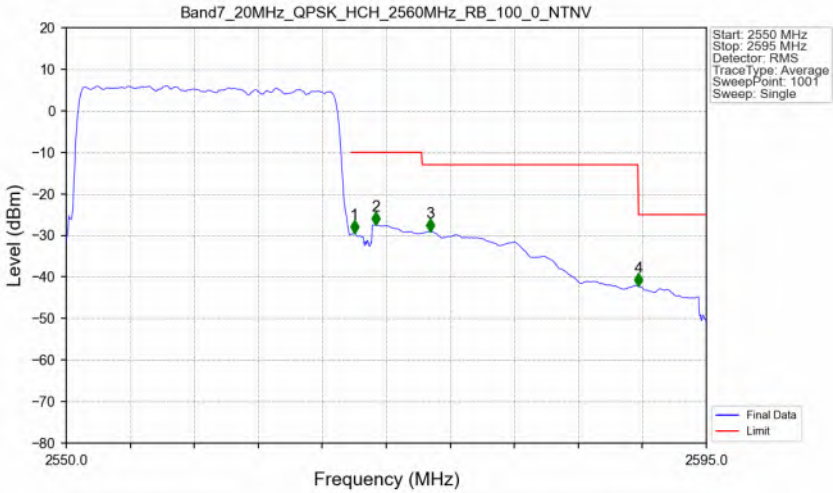


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV



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	-38.76	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.85	-10	Pass
2575	2590.253	1	CHP	3	2575.005	-48.66	-13	Pass
2590.253	2595	1	CHP	4	2590.755	-49.62	-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	0.405	CHP	/	/	/	/	/
2570	2571	0.405	CHP	1	2570.250	-29.55	-10	Pass
2571	2575	1	CHP	2	2571.780	-27.50	-10	Pass
2575	2590.225	1	CHP	3	2575.605	-29.10	-13	Pass
2590.225	2595	1	CHP	4	2590.230	-42.26	-25	Pass