

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	24.20	-1.71	22.49	<=33.01	Pass
			13	24.05	-1.71	22.34	<=33.01	Pass
			24	24.00	-1.71	22.29	<=33.01	Pass
		12	0	23.17	-1.71	21.46	<=33.01	Pass
			6	23.13	-1.71	21.42	<=33.01	Pass
			13	23.18	-1.71	21.47	<=33.01	Pass
		25	0	23.14	-1.71	21.43	<=33.01	Pass
	2535	1	0	24.08	-1.71	22.37	<=33.01	Pass
			13	24.02	-1.71	22.31	<=33.01	Pass
			24	23.92	-1.71	22.21	<=33.01	Pass
		12	0	23.13	-1.71	21.42	<=33.01	Pass
			6	23.08	-1.71	21.37	<=33.01	Pass
			13	23.13	-1.71	21.42	<=33.01	Pass
		25	0	23.11	-1.71	21.40	<=33.01	Pass
	2567.5	1	0	24.26	-1.71	22.55	<=33.01	Pass
			13	24.06	-1.71	22.35	<=33.01	Pass
			24	23.85	-1.71	22.14	<=33.01	Pass
		12	0	23.12	-1.71	21.41	<=33.01	Pass
			6	23.01	-1.71	21.30	<=33.01	Pass
			13	22.98	-1.71	21.27	<=33.01	Pass
		25	0	22.95	-1.71	21.24	<=33.01	Pass
16QAM	2502.5	1	0	23.17	-1.71	21.46	<=33.01	Pass
			13	23.23	-1.71	21.52	<=33.01	Pass
			24	23.16	-1.71	21.45	<=33.01	Pass
		12	0	22.15	-1.71	20.44	<=33.01	Pass
			6	22.13	-1.71	20.42	<=33.01	Pass
			13	22.18	-1.71	20.47	<=33.01	Pass
		25	0	22.13	-1.71	20.42	<=33.01	Pass
	2535	1	0	23.11	-1.71	21.40	<=33.01	Pass
			13	23.17	-1.71	21.46	<=33.01	Pass
			24	23.36	-1.71	21.65	<=33.01	Pass
		12	0	22.13	-1.71	20.42	<=33.01	Pass
			6	22.14	-1.71	20.43	<=33.01	Pass
			13	22.17	-1.71	20.46	<=33.01	Pass
		25	0	22.16	-1.71	20.45	<=33.01	Pass
	2567.5	1	0	23.05	-1.71	21.34	<=33.01	Pass
			13	22.86	-1.71	21.15	<=33.01	Pass
			24	22.87	-1.71	21.16	<=33.01	Pass
		12	0	21.96	-1.71	20.25	<=33.01	Pass
			6	21.88	-1.71	20.17	<=33.01	Pass
			13	21.88	-1.71	20.17	<=33.01	Pass
		25	0	21.86	-1.71	20.15	<=33.01	Pass
64QAM	2502.5	1	0	22.98	-1.71	21.27	<=33.01	Pass
			13	22.97	-1.71	21.26	<=33.01	Pass
			24	22.88	-1.71	21.17	<=33.01	Pass
		12	0	22.09	-1.71	20.38	<=33.01	Pass
			6	22.06	-1.71	20.35	<=33.01	Pass
			13	22.14	-1.71	20.43	<=33.01	Pass
		25	0	22.12	-1.71	20.41	<=33.01	Pass

	2535	1	0	22.93	-1.71	21.22	<=33.01	Pass
			13	23.08	-1.71	21.37	<=33.01	Pass
			24	23.00	-1.71	21.29	<=33.01	Pass
		12	0	22.09	-1.71	20.38	<=33.01	Pass
			6	22.05	-1.71	20.34	<=33.01	Pass
			13	22.11	-1.71	20.40	<=33.01	Pass
		25	0	22.11	-1.71	20.40	<=33.01	Pass
	2567.5	1	0	22.81	-1.71	21.10	<=33.01	Pass
			13	22.40	-1.71	20.69	<=33.01	Pass
			24	22.65	-1.71	20.94	<=33.01	Pass
		12	0	21.73	-1.71	20.02	<=33.01	Pass
			6	21.66	-1.71	19.95	<=33.01	Pass
			13	21.65	-1.71	19.94	<=33.01	Pass
		25	0	21.69	-1.71	19.98	<=33.01	Pass
256QAM	2502.5	1	0	19.53	-1.71	17.82	<=33.01	Pass
			13	19.35	-1.71	17.64	<=33.01	Pass
			24	19.55	-1.71	17.84	<=33.01	Pass
		12	0	19.24	-1.71	17.53	<=33.01	Pass
			6	19.31	-1.71	17.60	<=33.01	Pass
			13	19.35	-1.71	17.64	<=33.01	Pass
		25	0	19.35	-1.71	17.64	<=33.01	Pass
	2535	1	0	19.43	-1.71	17.72	<=33.01	Pass
			13	19.24	-1.71	17.53	<=33.01	Pass
			24	19.37	-1.71	17.66	<=33.01	Pass
		12	0	19.25	-1.71	17.54	<=33.01	Pass
			6	19.14	-1.71	17.43	<=33.01	Pass
			13	19.29	-1.71	17.58	<=33.01	Pass
		25	0	19.25	-1.71	17.54	<=33.01	Pass
	2567.5	1	0	19.17	-1.71	17.46	<=33.01	Pass
			13	18.94	-1.71	17.23	<=33.01	Pass
			24	19.06	-1.71	17.35	<=33.01	Pass
		12	0	19.02	-1.71	17.31	<=33.01	Pass
			6	18.91	-1.71	17.20	<=33.01	Pass
			13	18.93	-1.71	17.22	<=33.01	Pass
		25	0	18.96	-1.71	17.25	<=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	24.64	-1.71	22.93	<=33.01	Pass
			25	24.57	-1.71	22.86	<=33.01	Pass
			49	24.38	-1.71	22.67	<=33.01	Pass
		25	0	23.62	-1.71	21.91	<=33.01	Pass
			13	23.62	-1.71	21.91	<=33.01	Pass
			25	23.57	-1.71	21.86	<=33.01	Pass
		50	0	23.63	-1.71	21.92	<=33.01	Pass
	2535	1	0	24.05	-1.71	22.34	<=33.01	Pass
			25	24.58	-1.71	22.87	<=33.01	Pass
			49	24.58	-1.71	22.87	<=33.01	Pass
		25	0	23.90	-1.71	22.19	<=33.01	Pass
			13	23.94	-1.71	22.23	<=33.01	Pass
			25	23.83	-1.71	22.12	<=33.01	Pass
		50	0	23.86	-1.71	22.15	<=33.01	Pass
	2565	1	0	24.44	-1.71	22.73	<=33.01	Pass

		25	25	24.06	-1.71	22.35	<=33.01	Pass
			49	23.77	-1.71	22.06	<=33.01	Pass
			0	23.22	-1.71	21.51	<=33.01	Pass
			13	23.10	-1.71	21.39	<=33.01	Pass
			25	22.95	-1.71	21.24	<=33.01	Pass
		50	0	23.12	-1.71	21.41	<=33.01	Pass
16QAM	2505	1	0	23.52	-1.71	21.81	<=33.01	Pass
			25	23.45	-1.71	21.74	<=33.01	Pass
			49	23.51	-1.71	21.80	<=33.01	Pass
		25	0	22.43	-1.71	20.72	<=33.01	Pass
			13	22.45	-1.71	20.74	<=33.01	Pass
			25	22.46	-1.71	20.75	<=33.01	Pass
		50	0	22.52	-1.71	20.81	<=33.01	Pass
	2535	1	0	23.81	-1.71	22.10	<=33.01	Pass
			25	23.71	-1.71	22.00	<=33.01	Pass
			49	23.74	-1.71	22.03	<=33.01	Pass
		25	0	22.70	-1.71	20.99	<=33.01	Pass
			13	22.46	-1.71	20.75	<=33.01	Pass
			25	22.64	-1.71	20.93	<=33.01	Pass
		50	0	22.77	-1.71	21.06	<=33.01	Pass
	2565	1	0	23.26	-1.71	21.55	<=33.01	Pass
			25	22.96	-1.71	21.25	<=33.01	Pass
			49	22.70	-1.71	20.99	<=33.01	Pass
		25	0	22.02	-1.71	20.31	<=33.01	Pass
			13	21.95	-1.71	20.24	<=33.01	Pass
			25	21.85	-1.71	20.14	<=33.01	Pass
		50	0	22.02	-1.71	20.31	<=33.01	Pass
64QAM	2505	1	0	23.02	-1.71	21.31	<=33.01	Pass
			25	23.23	-1.71	21.52	<=33.01	Pass
			49	23.40	-1.71	21.69	<=33.01	Pass
		25	0	22.28	-1.71	20.57	<=33.01	Pass
			13	22.33	-1.71	20.62	<=33.01	Pass
			25	22.23	-1.71	20.52	<=33.01	Pass
		50	0	22.41	-1.71	20.70	<=33.01	Pass
	2535	1	0	23.55	-1.71	21.84	<=33.01	Pass
			25	23.49	-1.71	21.78	<=33.01	Pass
			49	23.38	-1.71	21.67	<=33.01	Pass
		25	0	22.53	-1.71	20.82	<=33.01	Pass
			13	22.50	-1.71	20.79	<=33.01	Pass
			25	22.40	-1.71	20.69	<=33.01	Pass
		50	0	22.59	-1.71	20.88	<=33.01	Pass
	2565	1	0	22.95	-1.71	21.24	<=33.01	Pass
			25	22.73	-1.71	21.02	<=33.01	Pass
			49	22.57	-1.71	20.86	<=33.01	Pass
		25	0	21.89	-1.71	20.18	<=33.01	Pass
			13	21.80	-1.71	20.09	<=33.01	Pass
			25	21.68	-1.71	19.97	<=33.01	Pass
		50	0	21.90	-1.71	20.19	<=33.01	Pass
256QAM	2505	1	0	19.93	-1.71	18.22	<=33.01	Pass
			25	19.54	-1.71	17.83	<=33.01	Pass
			49	19.73	-1.71	18.02	<=33.01	Pass
		25	0	19.54	-1.71	17.83	<=33.01	Pass
			13	19.55	-1.71	17.84	<=33.01	Pass
			25	19.70	-1.71	17.99	<=33.01	Pass
		50	0	19.63	-1.71	17.92	<=33.01	Pass
	2535	1	0	19.87	-1.71	18.16	<=33.01	Pass
			25	19.61	-1.71	17.90	<=33.01	Pass
			49	19.81	-1.71	18.10	<=33.01	Pass
		25	0	19.53	-1.71	17.82	<=33.01	Pass

			13	19.60	-1.71	17.89	<=33.01	Pass
			25	19.71	-1.71	18.00	<=33.01	Pass
		50	0	19.70	-1.71	17.99	<=33.01	Pass
	2565	1	0	19.66	-1.71	17.95	<=33.01	Pass
			25	18.99	-1.71	17.28	<=33.01	Pass
			49	19.33	-1.71	17.62	<=33.01	Pass
		25	0	19.27	-1.71	17.56	<=33.01	Pass
			13	19.08	-1.71	17.37	<=33.01	Pass
			25	19.10	-1.71	17.39	<=33.01	Pass
		50	0	19.19	-1.71	17.48	<=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	23.58	-1.71	21.87	<=33.01	Pass
			38	23.58	-1.71	21.87	<=33.01	Pass
			74	23.57	-1.71	21.86	<=33.01	Pass
		36	0	22.75	-1.71	21.04	<=33.01	Pass
			18	22.78	-1.71	21.07	<=33.01	Pass
			39	22.78	-1.71	21.07	<=33.01	Pass
		75	0	22.86	-1.71	21.15	<=33.01	Pass
	2535	1	0	23.91	-1.71	22.20	<=33.01	Pass
			38	23.75	-1.71	22.04	<=33.01	Pass
			74	23.57	-1.71	21.86	<=33.01	Pass
		36	0	22.90	-1.71	21.19	<=33.01	Pass
			18	22.88	-1.71	21.17	<=33.01	Pass
			39	22.81	-1.71	21.10	<=33.01	Pass
		75	0	22.96	-1.71	21.25	<=33.01	Pass
	2562.5	1	0	23.48	-1.71	21.77	<=33.01	Pass
			38	23.08	-1.71	21.37	<=33.01	Pass
			74	22.79	-1.71	21.08	<=33.01	Pass
		36	0	22.43	-1.71	20.72	<=33.01	Pass
			18	22.30	-1.71	20.59	<=33.01	Pass
			39	22.13	-1.71	20.42	<=33.01	Pass
		75	0	22.37	-1.71	20.66	<=33.01	Pass
16QAM	2507.5	1	0	22.66	-1.71	20.95	<=33.01	Pass
			38	22.89	-1.71	21.18	<=33.01	Pass
			74	22.77	-1.71	21.06	<=33.01	Pass
		36	0	21.80	-1.71	20.09	<=33.01	Pass
			18	21.81	-1.71	20.10	<=33.01	Pass
			39	21.85	-1.71	20.14	<=33.01	Pass
		75	0	21.90	-1.71	20.19	<=33.01	Pass
	2535	1	0	23.09	-1.71	21.38	<=33.01	Pass
			38	22.94	-1.71	21.23	<=33.01	Pass
			74	22.91	-1.71	21.20	<=33.01	Pass
		36	0	21.91	-1.71	20.20	<=33.01	Pass
			18	21.90	-1.71	20.19	<=33.01	Pass
			39	21.86	-1.71	20.15	<=33.01	Pass
		75	0	21.98	-1.71	20.27	<=33.01	Pass
	2562.5	1	0	22.68	-1.71	20.97	<=33.01	Pass
			38	22.34	-1.71	20.63	<=33.01	Pass
			74	22.15	-1.71	20.44	<=33.01	Pass
		36	0	21.39	-1.71	19.68	<=33.01	Pass
			18	21.39	-1.71	19.68	<=33.01	Pass

			39	21.22	-1.71	19.51	<=33.01	Pass	
		75	0	21.47	-1.71	19.76	<=33.01	Pass	
64QAM	2507.5	1	0	22.71	-1.71	21.00	<=33.01	Pass	
			38	22.72	-1.71	21.01	<=33.01	Pass	
			74	22.72	-1.71	21.01	<=33.01	Pass	
			0	21.75	-1.71	20.04	<=33.01	Pass	
		36	18	21.82	-1.71	20.11	<=33.01	Pass	
			39	21.81	-1.71	20.10	<=33.01	Pass	
			75	0	21.90	-1.71	20.19	<=33.01	Pass
		2535	1	0	22.80	-1.71	21.09	<=33.01	Pass
				38	22.65	-1.71	20.94	<=33.01	Pass
				74	22.74	-1.71	21.03	<=33.01	Pass
	36		0	21.90	-1.71	20.19	<=33.01	Pass	
			18	21.89	-1.71	20.18	<=33.01	Pass	
			39	21.83	-1.71	20.12	<=33.01	Pass	
	75		0	21.98	-1.71	20.27	<=33.01	Pass	
	2562.5	1	0	22.66	-1.71	20.95	<=33.01	Pass	
			38	22.26	-1.71	20.55	<=33.01	Pass	
			74	21.89	-1.71	20.18	<=33.01	Pass	
		36	0	21.50	-1.71	19.79	<=33.01	Pass	
			18	21.37	-1.71	19.66	<=33.01	Pass	
			39	21.20	-1.71	19.49	<=33.01	Pass	
		75	0	21.47	-1.71	19.76	<=33.01	Pass	
		256QAM	2507.5	1	0	19.20	-1.71	17.49	<=33.01
38	19.14				-1.71	17.43	<=33.01	Pass	
74	19.29				-1.71	17.58	<=33.01	Pass	
36	0			19.15	-1.71	17.44	<=33.01	Pass	
	18			19.12	-1.71	17.41	<=33.01	Pass	
	39			19.25	-1.71	17.54	<=33.01	Pass	
75	0			19.19	-1.71	17.48	<=33.01	Pass	
2535	1			0	19.36	-1.71	17.65	<=33.01	Pass
			38	19.08	-1.71	17.37	<=33.01	Pass	
			74	19.23	-1.71	17.52	<=33.01	Pass	
	36		0	19.17	-1.71	17.46	<=33.01	Pass	
			18	19.06	-1.71	17.35	<=33.01	Pass	
			39	19.15	-1.71	17.44	<=33.01	Pass	
75	0		19.15	-1.71	17.44	<=33.01	Pass		
2562.5	1		0	19.18	-1.71	17.47	<=33.01	Pass	
			38	18.65	-1.71	16.94	<=33.01	Pass	
			74	18.89	-1.71	17.18	<=33.01	Pass	
	36		0	18.95	-1.71	17.24	<=33.01	Pass	
			18	18.74	-1.71	17.03	<=33.01	Pass	
			39	18.71	-1.71	17.00	<=33.01	Pass	
	75		0	18.84	-1.71	17.13	<=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	23.60	-1.71	21.89	<=33.01	Pass
			50	23.61	-1.71	21.90	<=33.01	Pass
			99	23.63	-1.71	21.92	<=33.01	Pass
		50	0	22.77	-1.71	21.06	<=33.01	Pass
			25	22.81	-1.71	21.10	<=33.01	Pass
			50	22.82	-1.71	21.11	<=33.01	Pass

		100	0	22.87	-1.71	21.16	<=33.01	Pass
	2535	1	0	23.88	-1.71	22.17	<=33.01	Pass
			50	23.79	-1.71	22.08	<=33.01	Pass
			99	23.54	-1.71	21.83	<=33.01	Pass
		50	0	22.94	-1.71	21.23	<=33.01	Pass
			25	22.90	-1.71	21.19	<=33.01	Pass
			50	22.80	-1.71	21.09	<=33.01	Pass
	100	0	22.97	-1.71	21.26	<=33.01	Pass	
	2560	1	0	23.63	-1.71	21.92	<=33.01	Pass
			50	23.17	-1.71	21.46	<=33.01	Pass
			99	22.78	-1.71	21.07	<=33.01	Pass
		50	0	22.58	-1.71	20.87	<=33.01	Pass
			25	22.41	-1.71	20.70	<=33.01	Pass
			50	22.19	-1.71	20.48	<=33.01	Pass
	100	0	22.48	-1.71	20.77	<=33.01	Pass	
16QAM	2510	1	0	22.88	-1.71	21.17	<=33.01	Pass
			50	22.72	-1.71	21.01	<=33.01	Pass
			99	22.88	-1.71	21.17	<=33.01	Pass
		50	0	21.82	-1.71	20.11	<=33.01	Pass
			25	21.87	-1.71	20.16	<=33.01	Pass
			50	21.87	-1.71	20.16	<=33.01	Pass
	100	0	21.95	-1.71	20.24	<=33.01	Pass	
	2535	1	0	23.21	-1.71	21.50	<=33.01	Pass
			50	22.96	-1.71	21.25	<=33.01	Pass
			99	22.79	-1.71	21.08	<=33.01	Pass
		50	0	21.94	-1.71	20.23	<=33.01	Pass
			25	21.91	-1.71	20.20	<=33.01	Pass
			50	21.82	-1.71	20.11	<=33.01	Pass
	100	0	22.00	-1.71	20.29	<=33.01	Pass	
	2560	1	0	22.85	-1.71	21.14	<=33.01	Pass
			50	22.55	-1.71	20.84	<=33.01	Pass
			99	22.04	-1.71	20.33	<=33.01	Pass
		50	0	21.64	-1.71	19.93	<=33.01	Pass
			25	21.50	-1.71	19.79	<=33.01	Pass
			50	21.29	-1.71	19.58	<=33.01	Pass
	100	0	21.57	-1.71	19.86	<=33.01	Pass	
64QAM	2510	1	0	22.71	-1.71	21.00	<=33.01	Pass
			50	22.79	-1.71	21.08	<=33.01	Pass
			99	22.67	-1.71	20.96	<=33.01	Pass
		50	0	21.82	-1.71	20.11	<=33.01	Pass
			25	21.86	-1.71	20.15	<=33.01	Pass
			50	21.87	-1.71	20.16	<=33.01	Pass
	100	0	21.92	-1.71	20.21	<=33.01	Pass	
	2535	1	0	22.84	-1.71	21.13	<=33.01	Pass
			50	22.79	-1.71	21.08	<=33.01	Pass
			99	22.54	-1.71	20.83	<=33.01	Pass
		50	0	21.93	-1.71	20.22	<=33.01	Pass
			25	21.90	-1.71	20.19	<=33.01	Pass
			50	21.80	-1.71	20.09	<=33.01	Pass
	100	0	21.98	-1.71	20.27	<=33.01	Pass	
	2560	1	0	22.63	-1.71	20.92	<=33.01	Pass
			50	22.27	-1.71	20.56	<=33.01	Pass
			99	21.97	-1.71	20.26	<=33.01	Pass
		50	0	21.62	-1.71	19.91	<=33.01	Pass
25			21.50	-1.71	19.79	<=33.01	Pass	
50			21.30	-1.71	19.59	<=33.01	Pass	
100	0	21.58	-1.71	19.87	<=33.01	Pass		
256QAM	2510	1	0	19.37	-1.71	17.66	<=33.01	Pass
50	19.09		-1.71	17.38	<=33.01	Pass		

			99	19.39	-1.71	17.68	<=33.01	Pass
		50	0	19.20	-1.71	17.49	<=33.01	Pass
			25	19.14	-1.71	17.43	<=33.01	Pass
			50	19.22	-1.71	17.51	<=33.01	Pass
		100	0	19.21	-1.71	17.50	<=33.01	Pass
	2535	1	0	19.46	-1.71	17.75	<=33.01	Pass
			50	19.07	-1.71	17.36	<=33.01	Pass
			99	19.35	-1.71	17.64	<=33.01	Pass
		50	0	19.21	-1.71	17.50	<=33.01	Pass
			25	19.08	-1.71	17.37	<=33.01	Pass
			50	19.14	-1.71	17.43	<=33.01	Pass
		100	0	19.17	-1.71	17.46	<=33.01	Pass
		2560	1	0	19.30	-1.71	17.59	<=33.01
	50			18.88	-1.71	17.17	<=33.01	Pass
	99			18.89	-1.71	17.18	<=33.01	Pass
	50		0	19.06	-1.71	17.35	<=33.01	Pass
			25	18.83	-1.71	17.12	<=33.01	Pass
			50	18.78	-1.71	17.07	<=33.01	Pass
	100		0	18.90	-1.71	17.19	<=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	-1.400	-0.0006	-2.5 to 2.5	Pass
					NV	-0.200	-0.0001	-2.5 to 2.5	Pass
					HV	-3.000	-0.0012	-2.5 to 2.5	Pass
				-30	NV	1.500	0.0006	-2.5 to 2.5	Pass
				-20	NV	-2.300	-0.0009	-2.5 to 2.5	Pass
				-10	NV	2.200	0.0009	-2.5 to 2.5	Pass
				0	NV	-0.900	-0.0004	-2.5 to 2.5	Pass
				10	NV	1.600	0.0006	-2.5 to 2.5	Pass
				30	NV	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	NV	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	NV	0.900	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

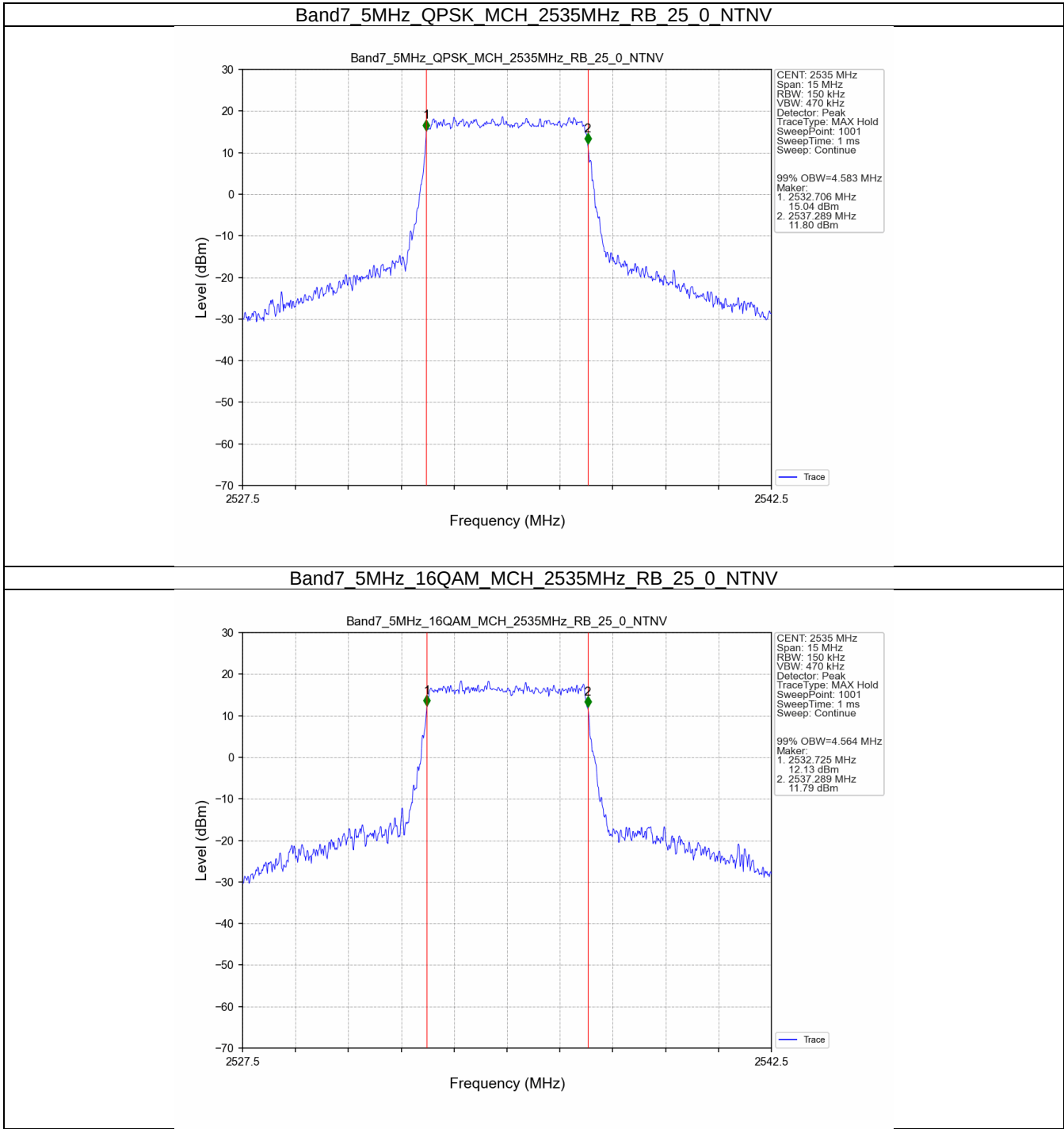
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.583	/	Pass
	16QAM	2535	25	0	4.564	/	Pass
	64QAM	2535	25	0	4.551	/	Pass
	256QAM	2535	25	0	4.557	/	Pass
10	QPSK	2535	50	0	9.093	/	Pass
	16QAM	2535	50	0	9.101	/	Pass
	64QAM	2535	50	0	9.096	/	Pass
	256QAM	2535	50	0	9.084	/	Pass
15	QPSK	2535	75	0	13.659	/	Pass
	16QAM	2535	75	0	13.613	/	Pass
	64QAM	2535	75	0	13.633	/	Pass
	256QAM	2535	75	0	13.628	/	Pass
20	QPSK	2535	100	0	18.125	/	Pass
	16QAM	2535	100	0	18.126	/	Pass
	64QAM	2535	100	0	18.119	/	Pass
	256QAM	2535	100	0	18.114	/	Pass

3.1.2 Band7_XDB

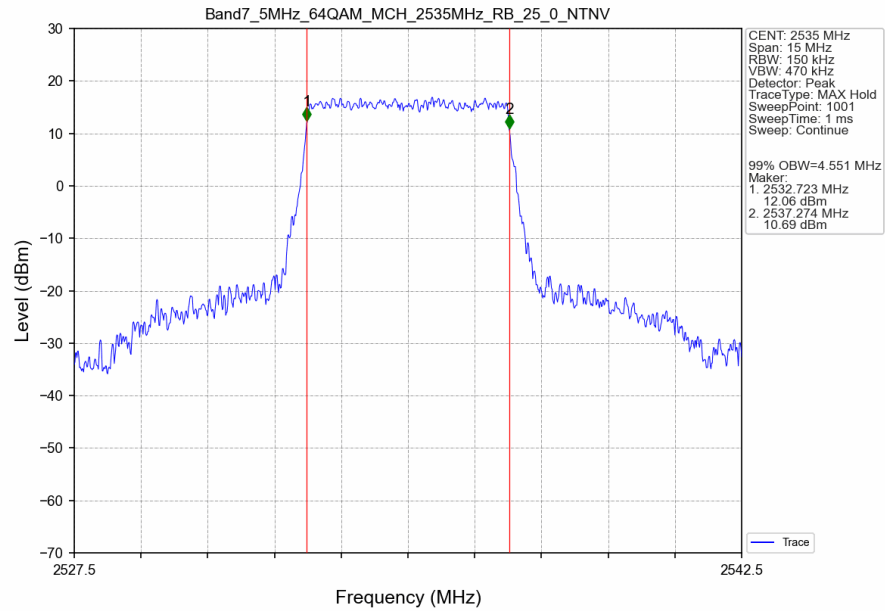
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.267	/	Pass
	16QAM	2535	25	0	5.264	/	Pass
	64QAM	2535	25	0	5.266	/	Pass
	256QAM	2535	25	0	5.161	/	Pass
10	QPSK	2535	50	0	10.156	/	Pass
	16QAM	2535	50	0	10.222	/	Pass
	64QAM	2535	50	0	10.147	/	Pass
	256QAM	2535	50	0	10.166	/	Pass
15	QPSK	2535	75	0	15.258	/	Pass
	16QAM	2535	75	0	15.177	/	Pass
	64QAM	2535	75	0	15.169	/	Pass
	256QAM	2535	75	0	15.119	/	Pass
20	QPSK	2535	100	0	20.193	/	Pass
	16QAM	2535	100	0	20.017	/	Pass
	64QAM	2535	100	0	19.914	/	Pass
	256QAM	2535	100	0	20.098	/	Pass

3.2 Test Graph

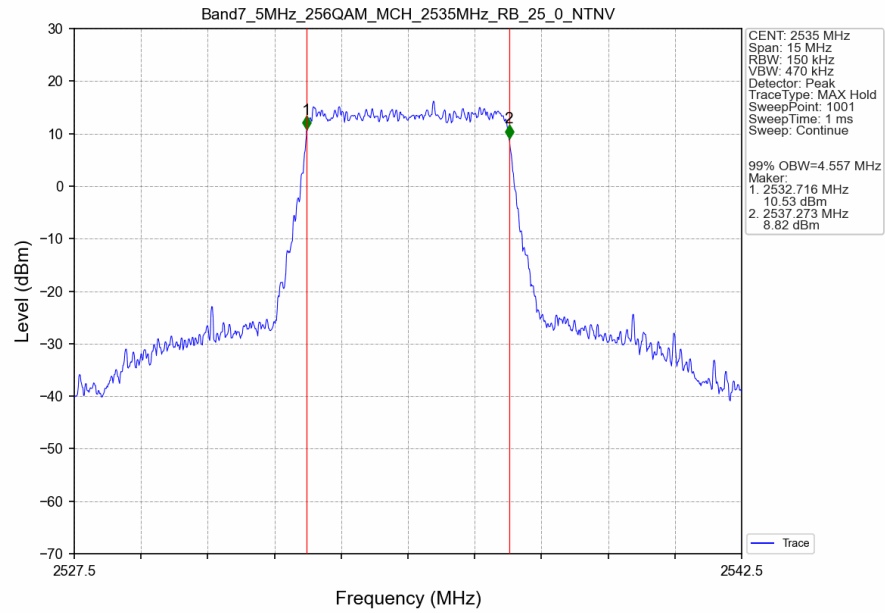
3.2.1 Band7_OBW



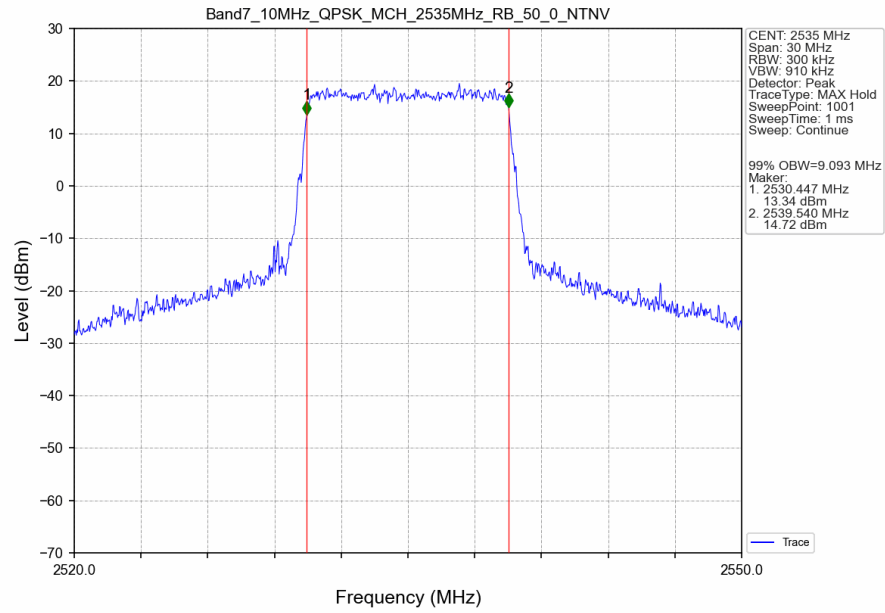
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



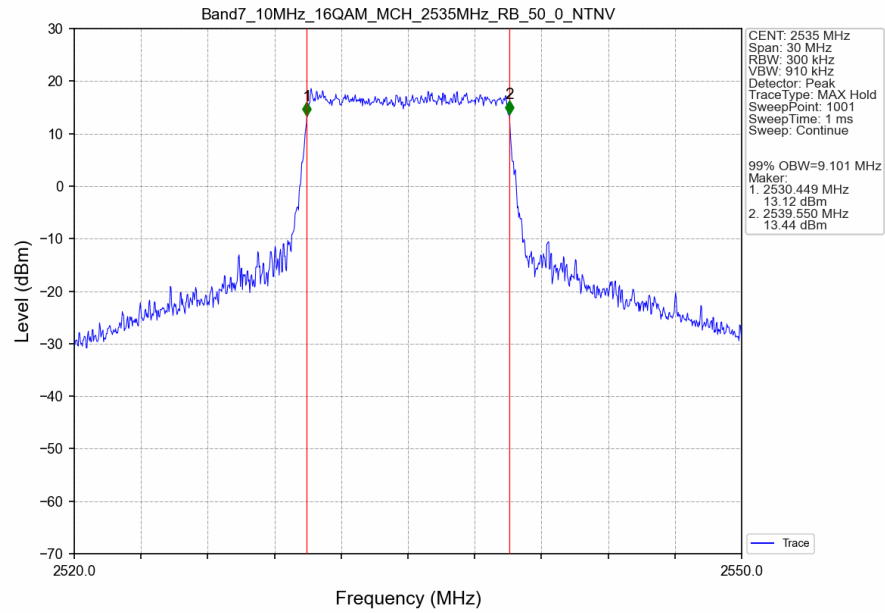
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



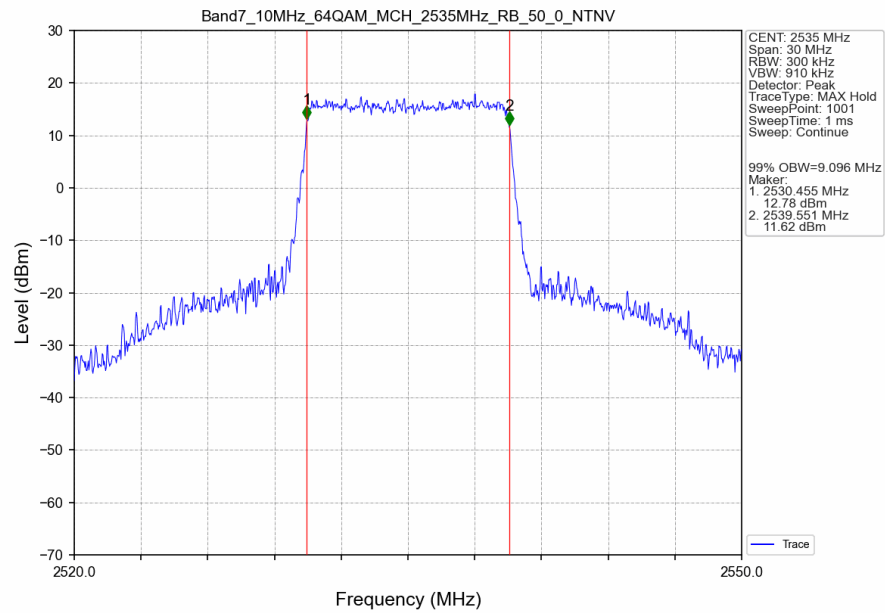
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



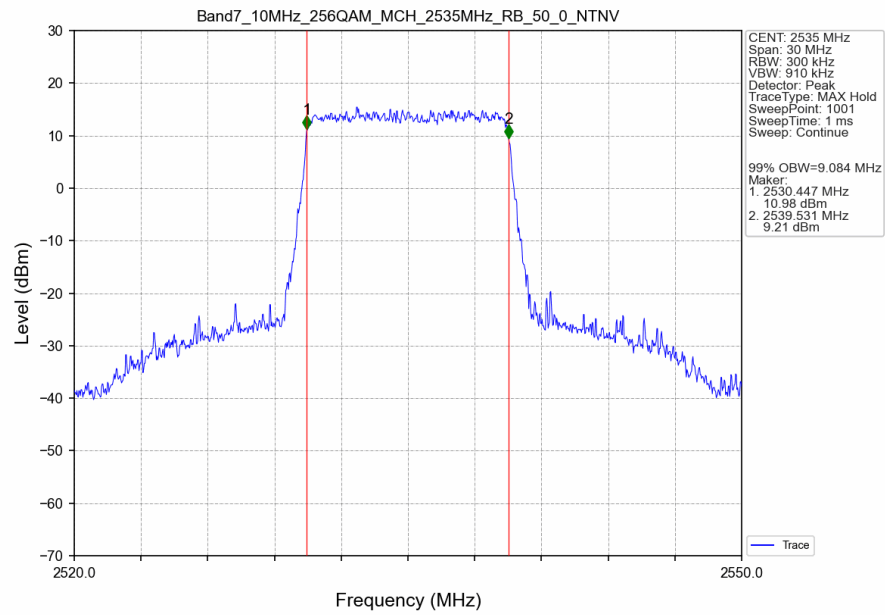
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



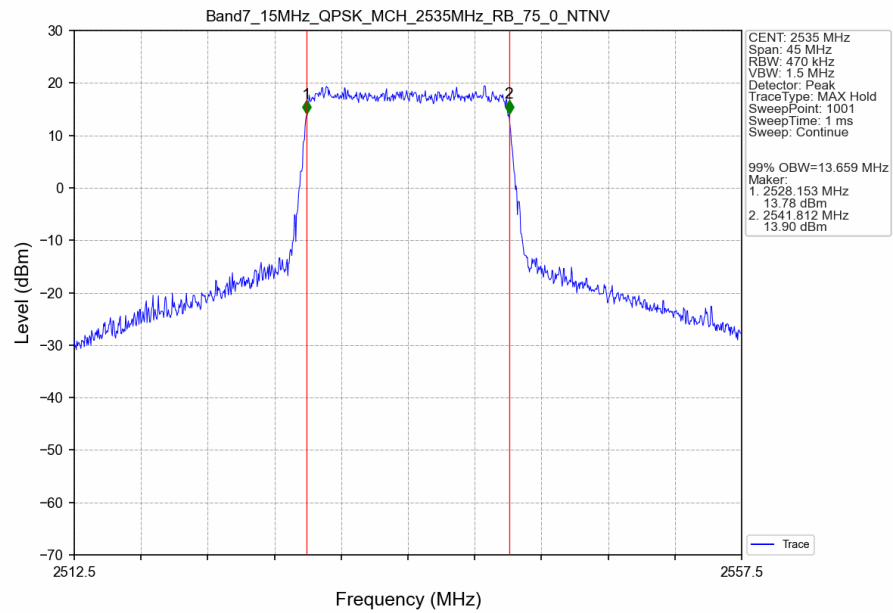
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTV



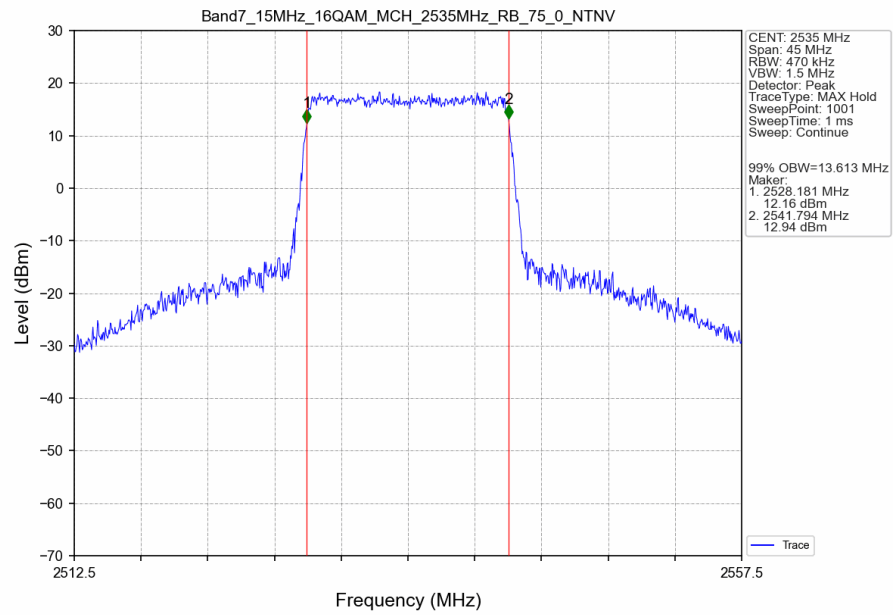
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTV



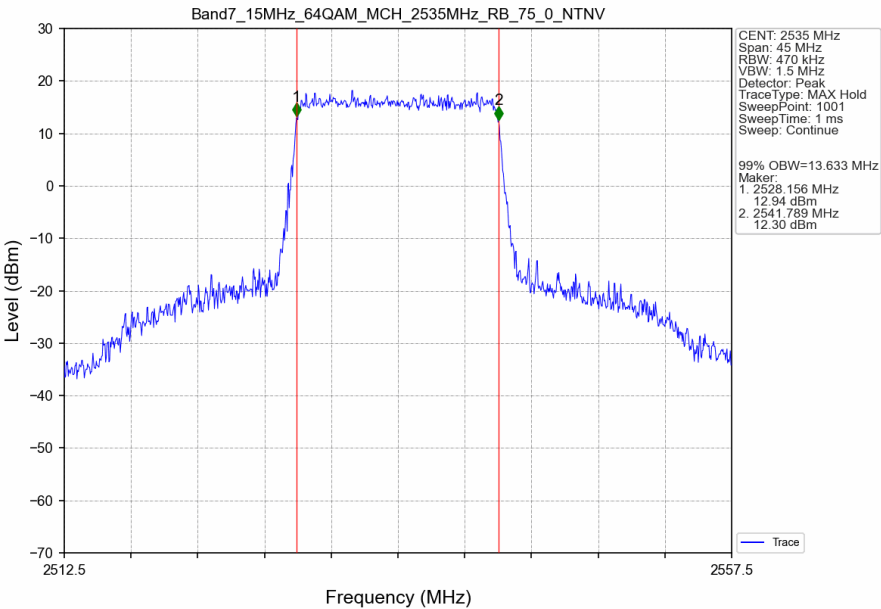
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



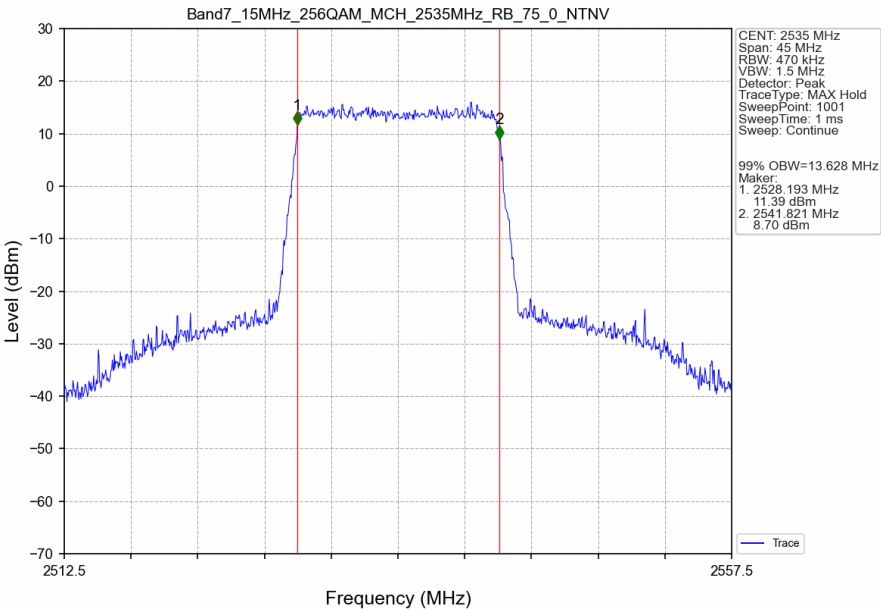
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



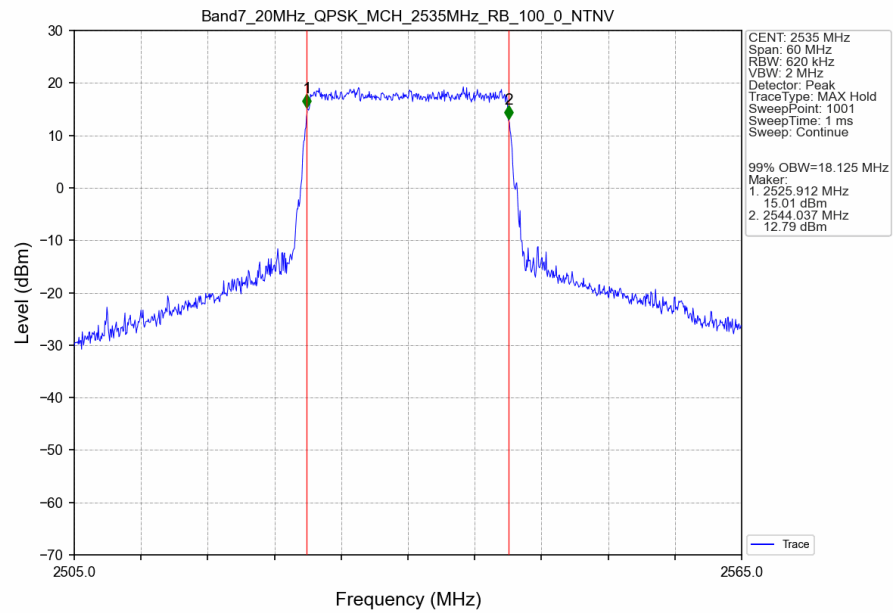
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



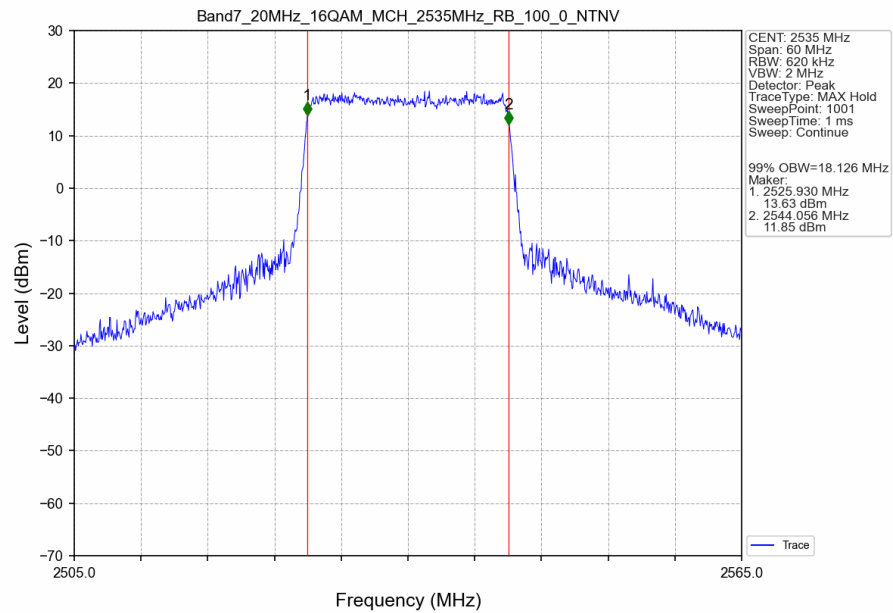
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



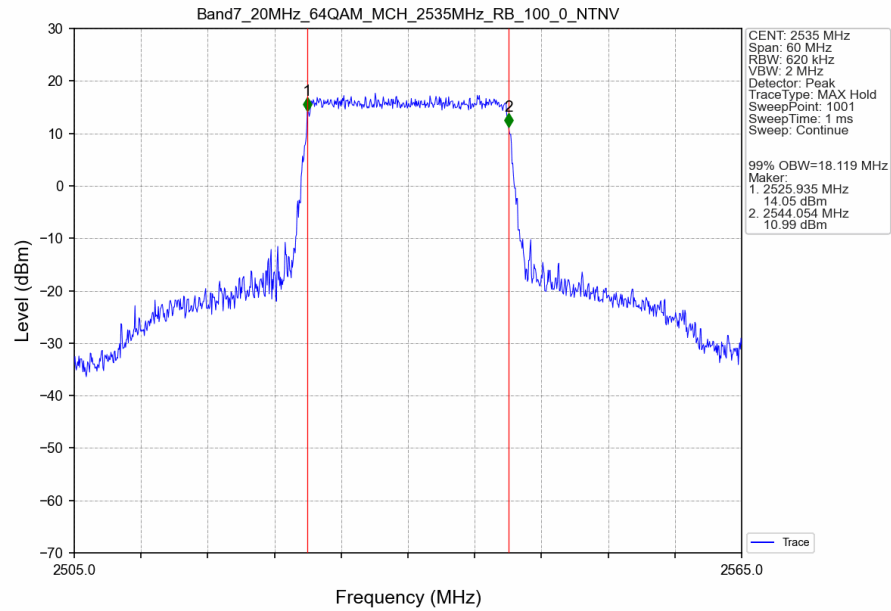
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



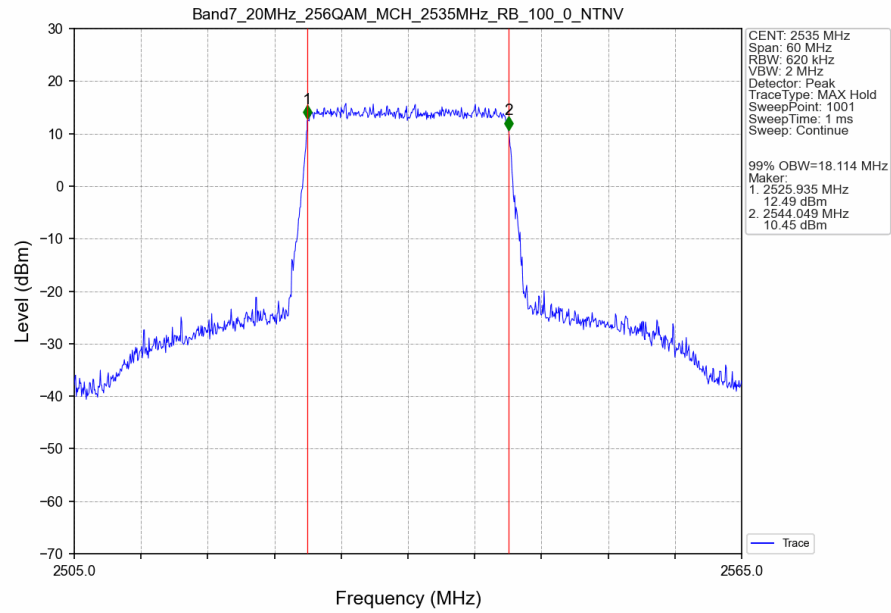
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



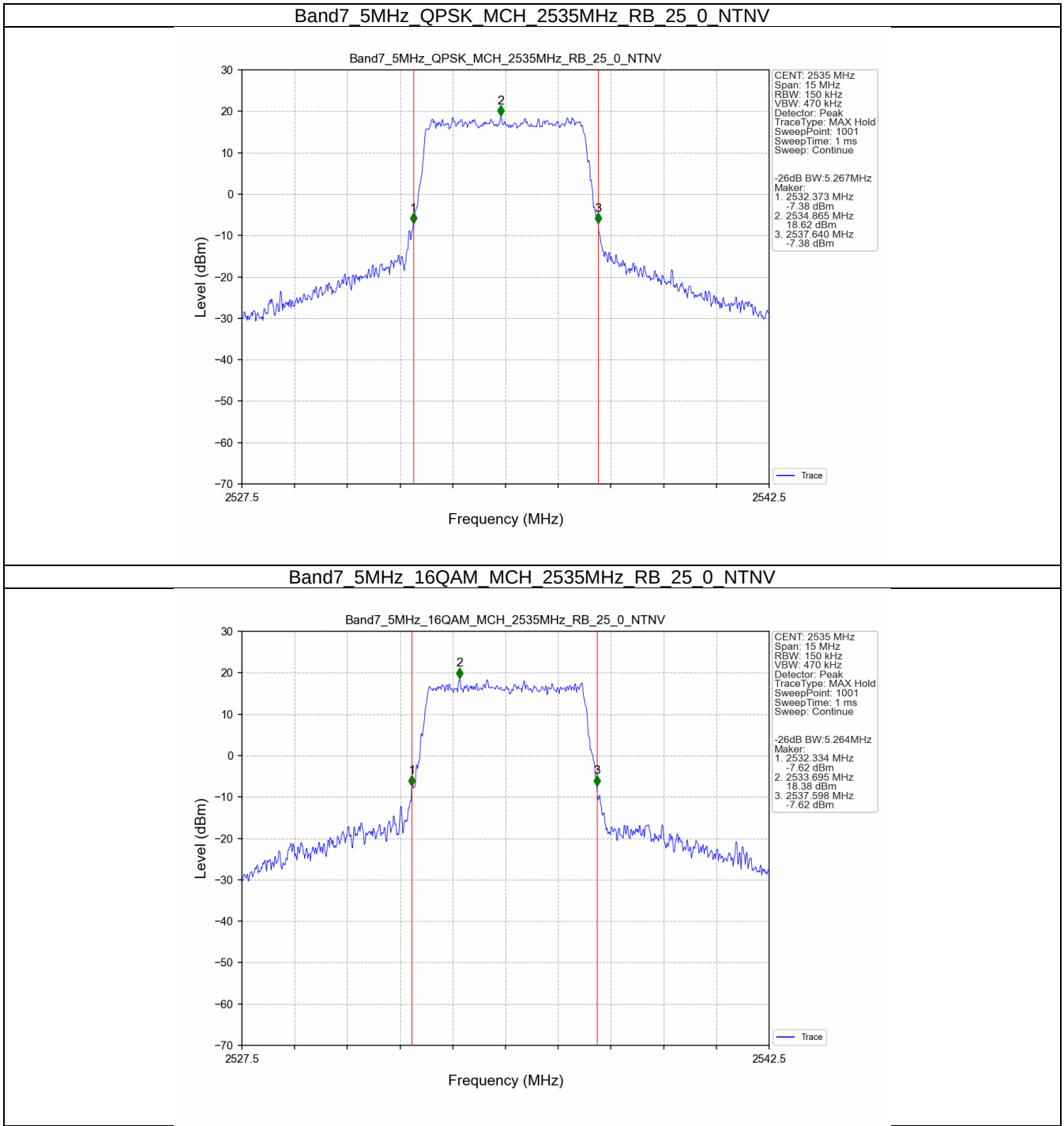
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



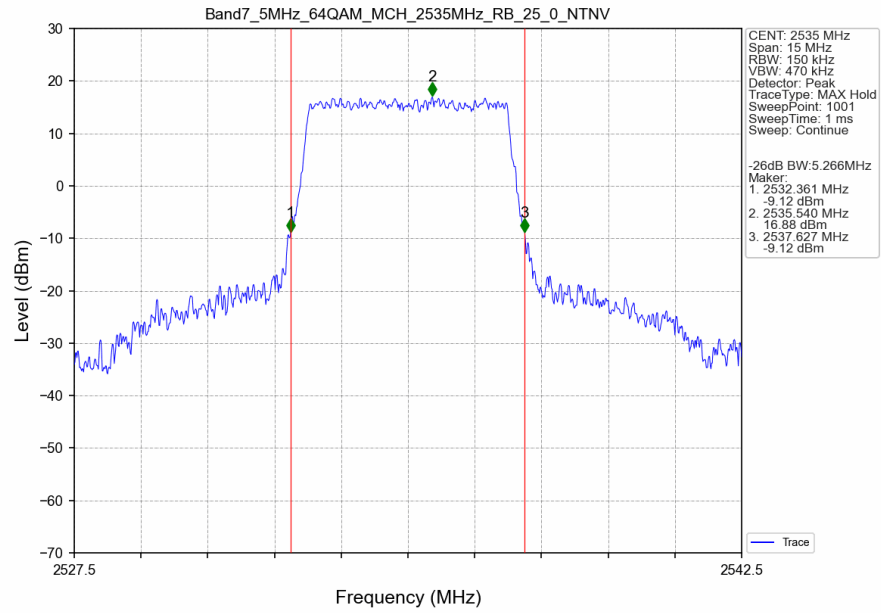
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



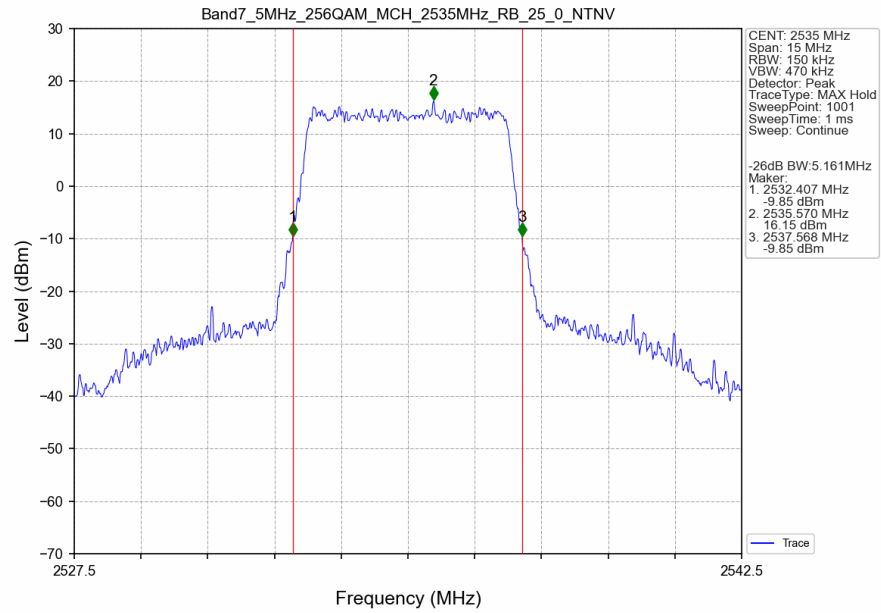
3.2.2 Band7_XDB



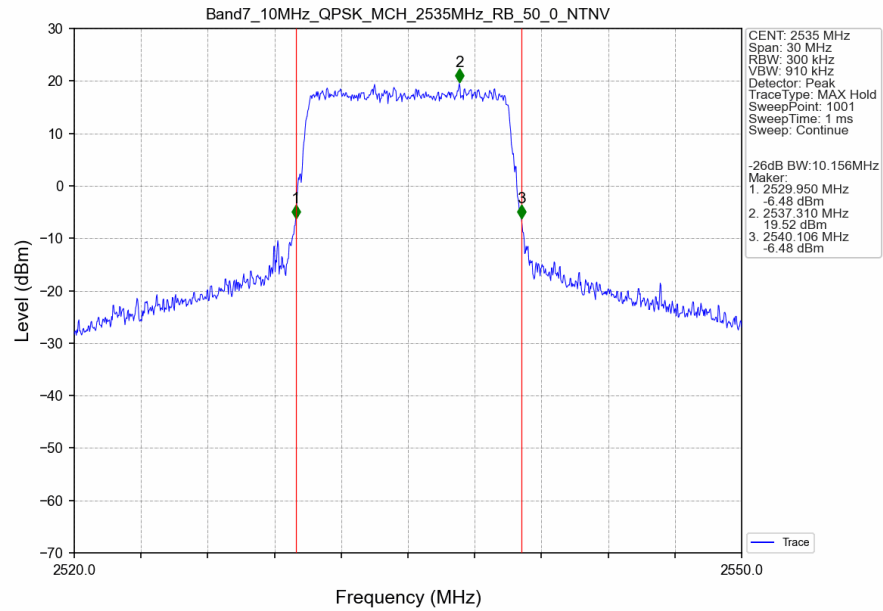
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTN



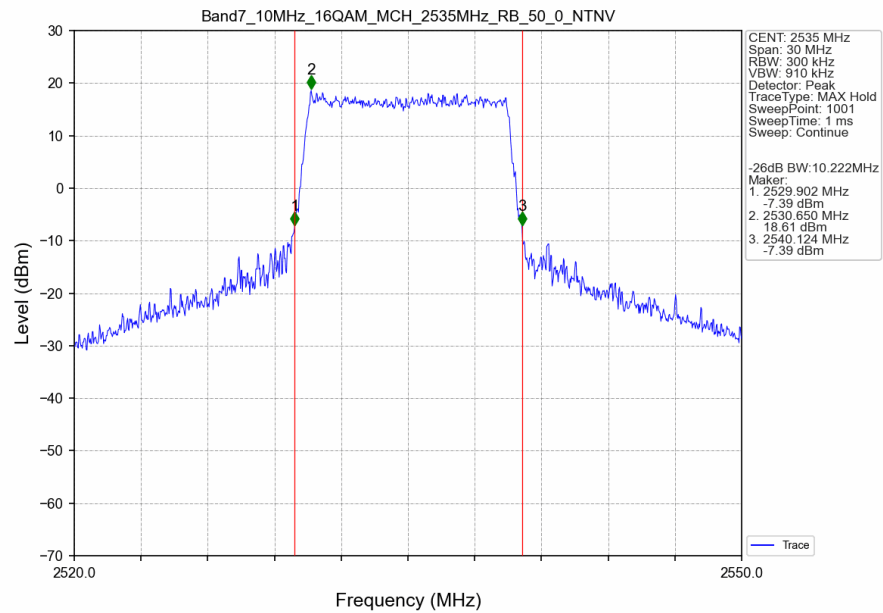
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTN



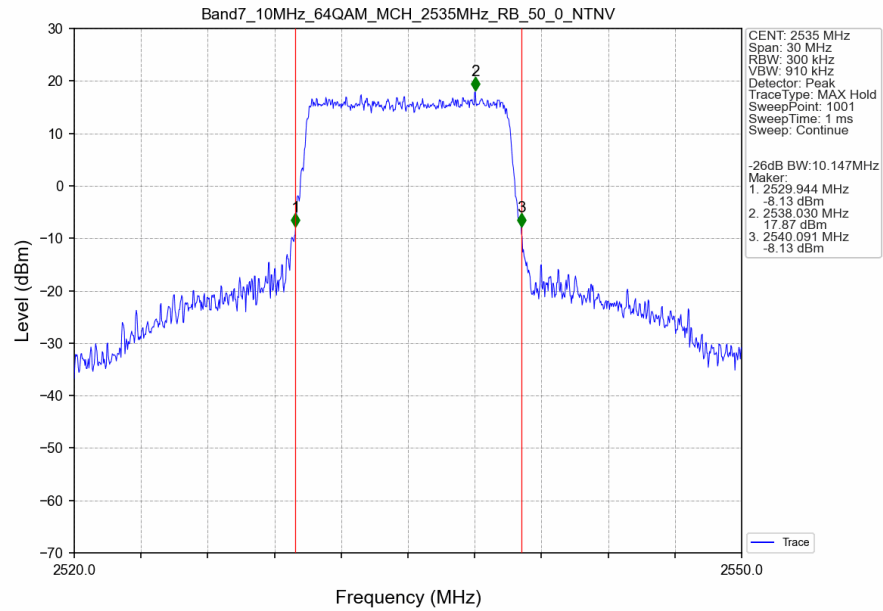
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



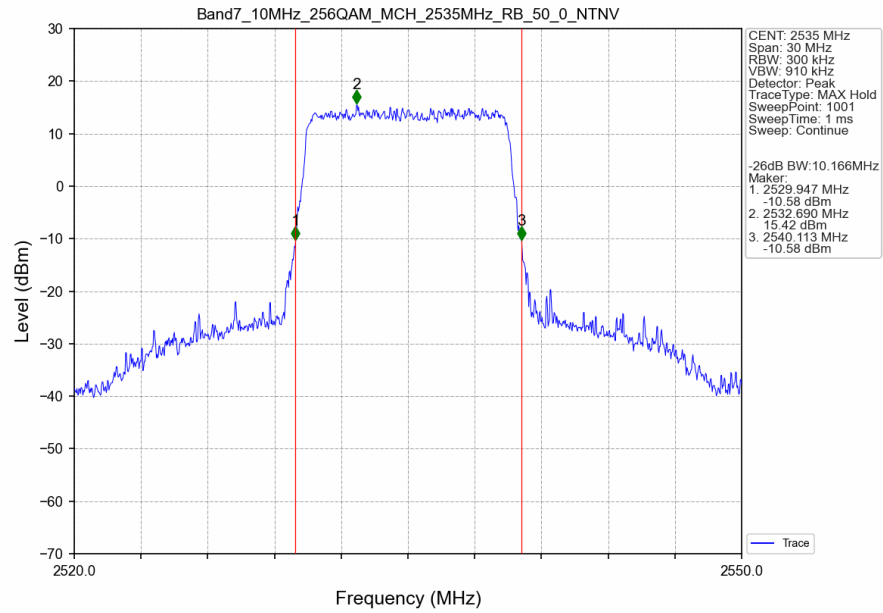
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



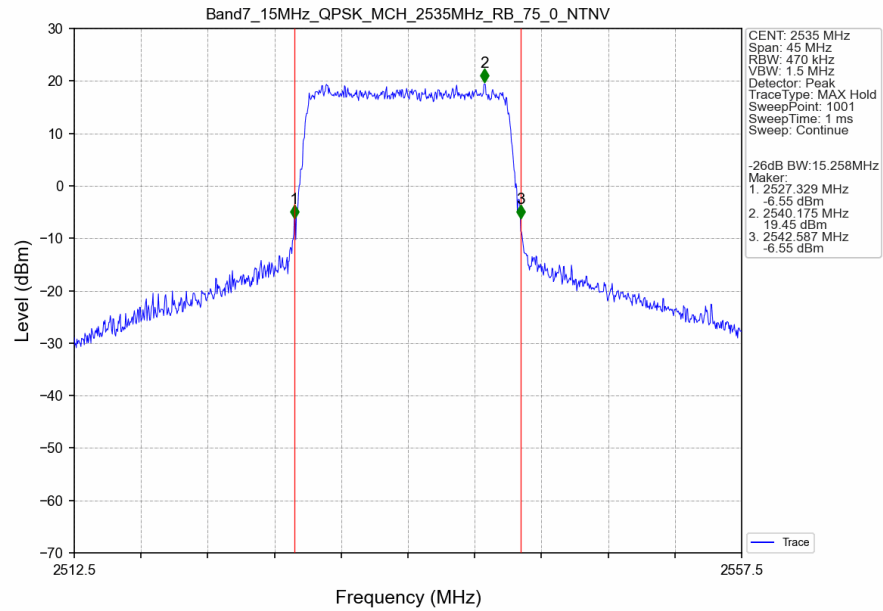
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



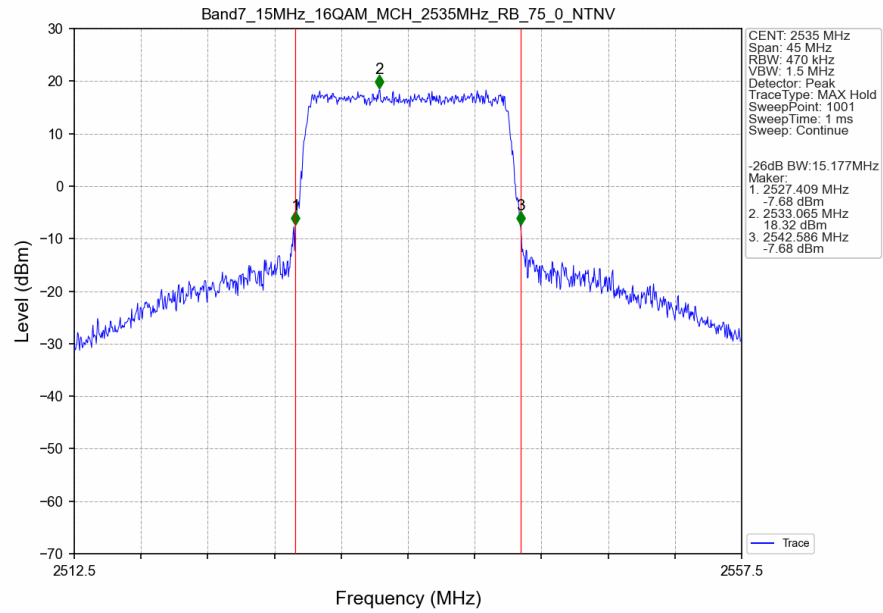
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTNV



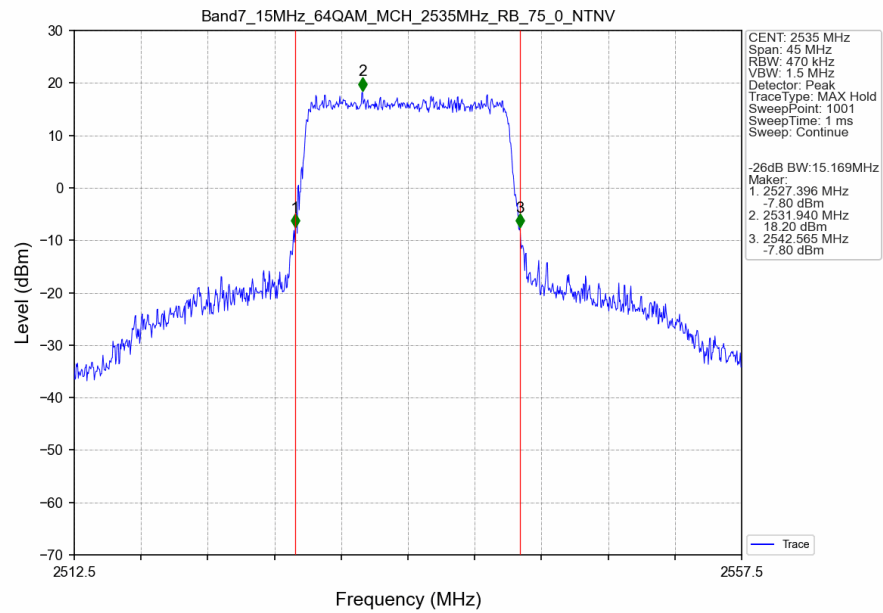
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



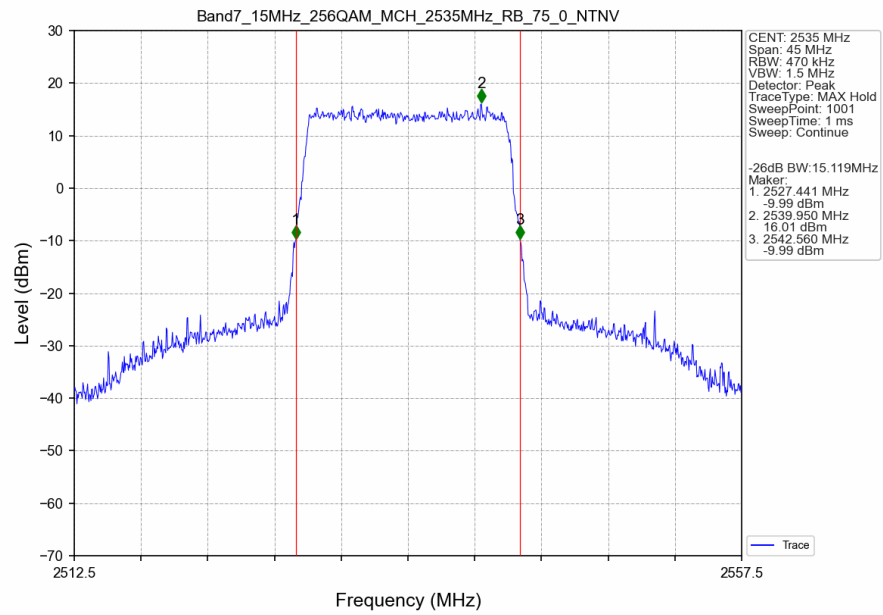
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



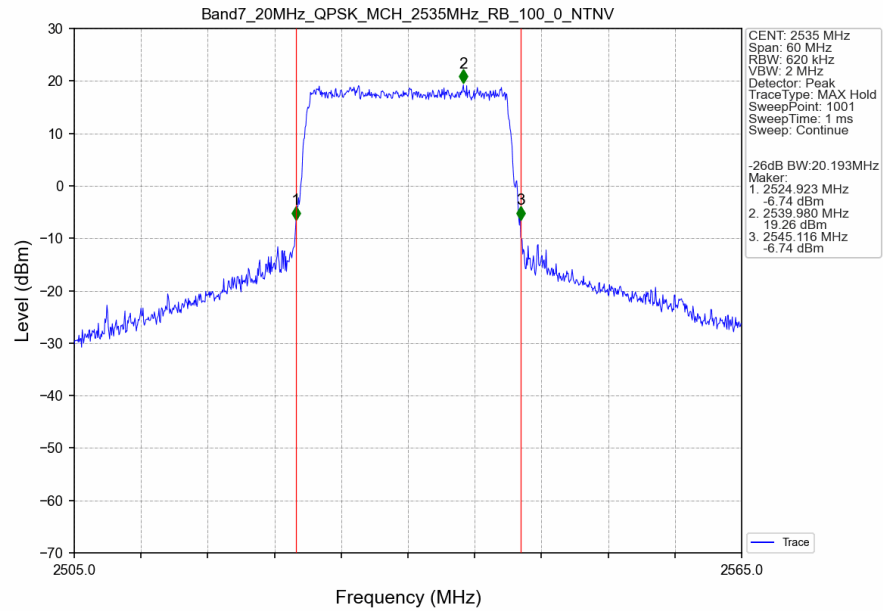
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



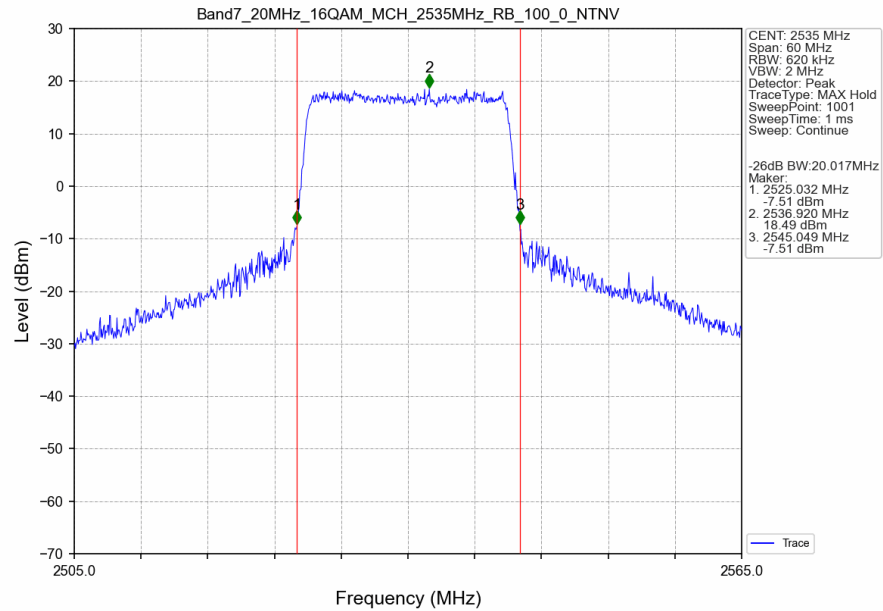
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



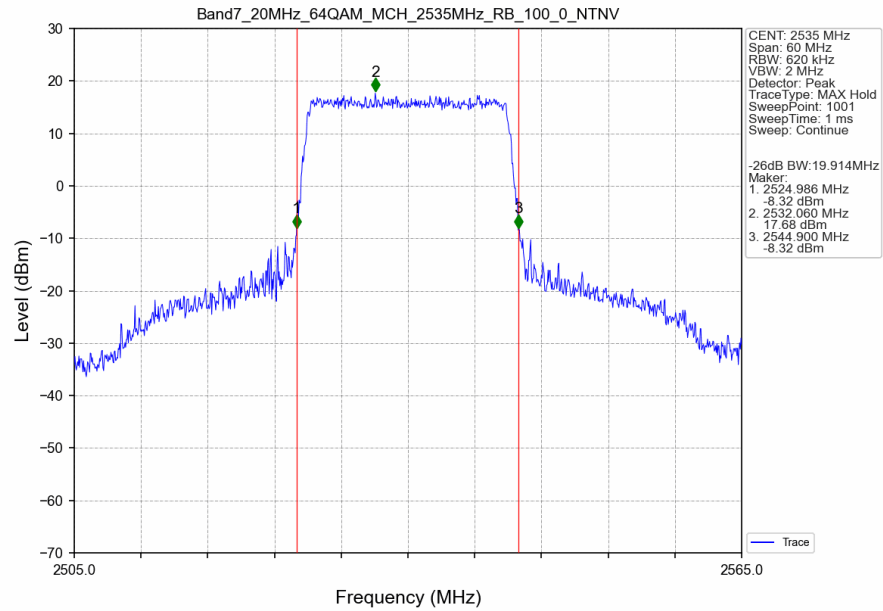
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTN



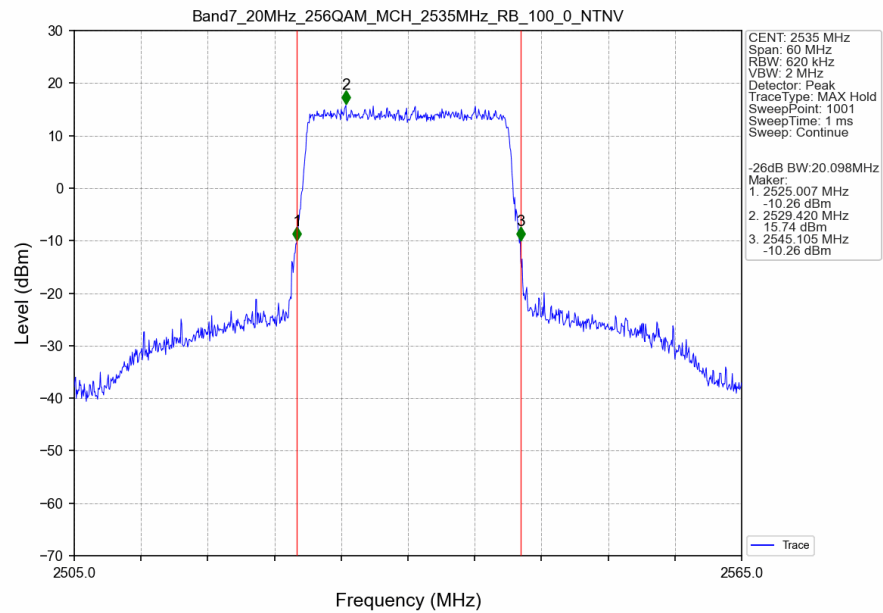
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



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



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



4. Peak-Average Ratio

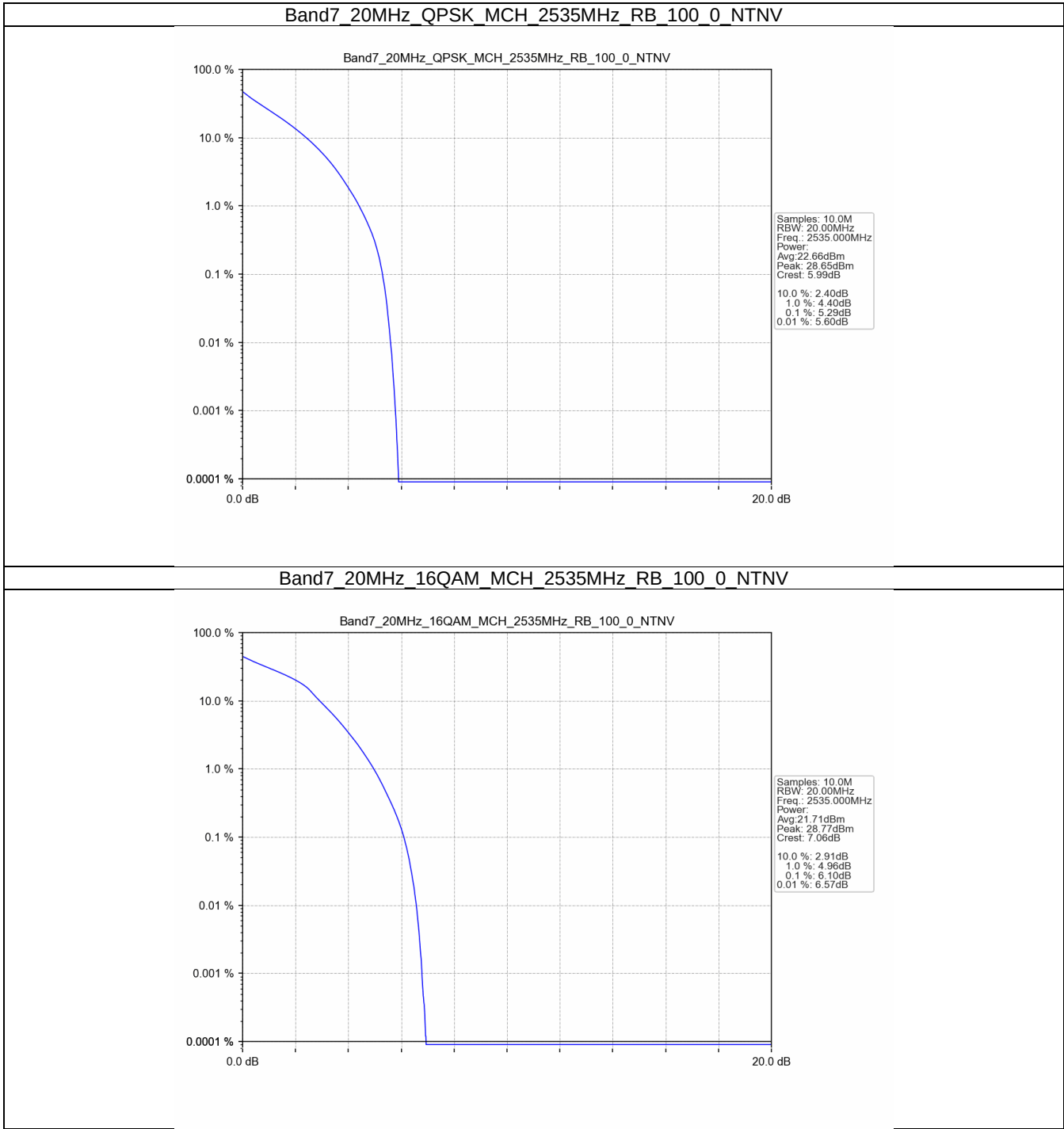
4.1 Test Result

4.1.1 B7_20MHz

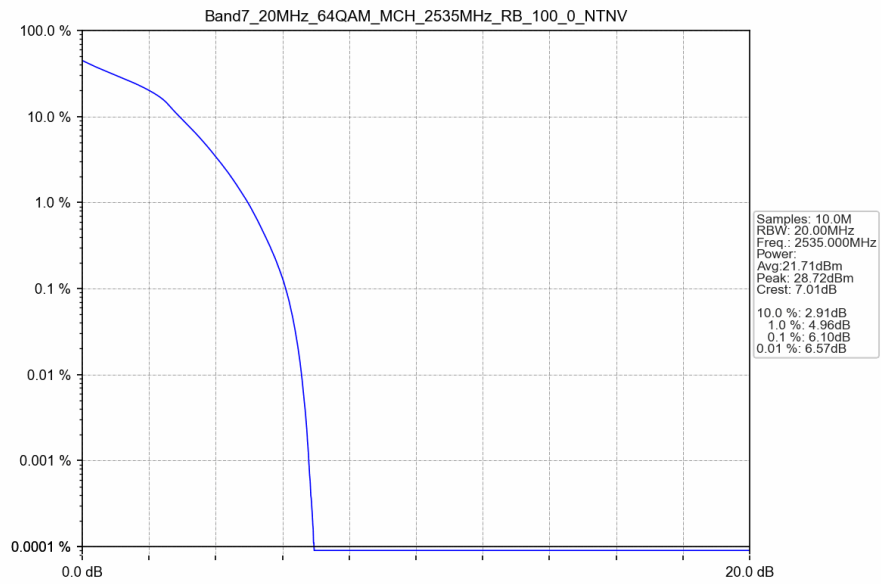
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.29	<=13	Pass
16QAM	2535	100	0	6.10	<=13	Pass
64QAM	2535	100	0	6.10	<=13	Pass
256QAM	2535	100	0	6.62	<=13	Pass

4.2 Test Graph

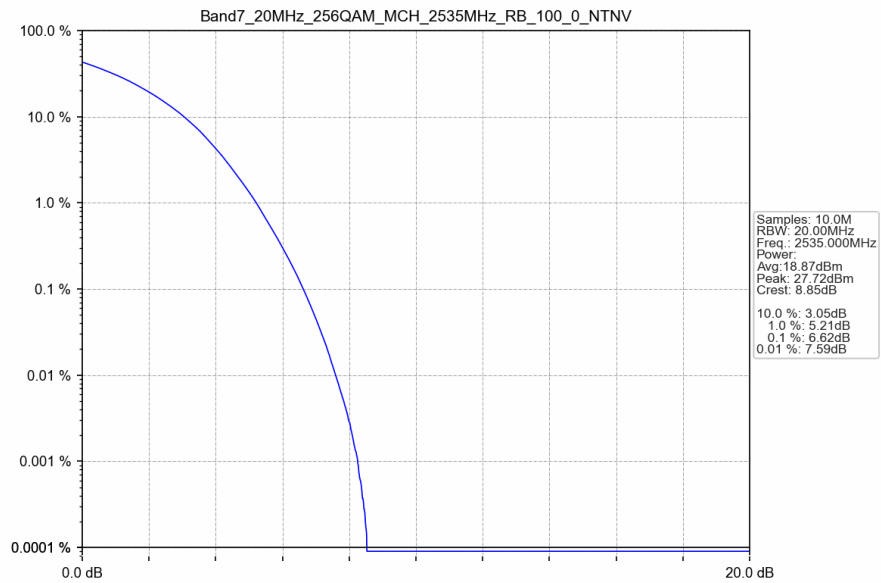
4.2.1 B7_20MHz



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

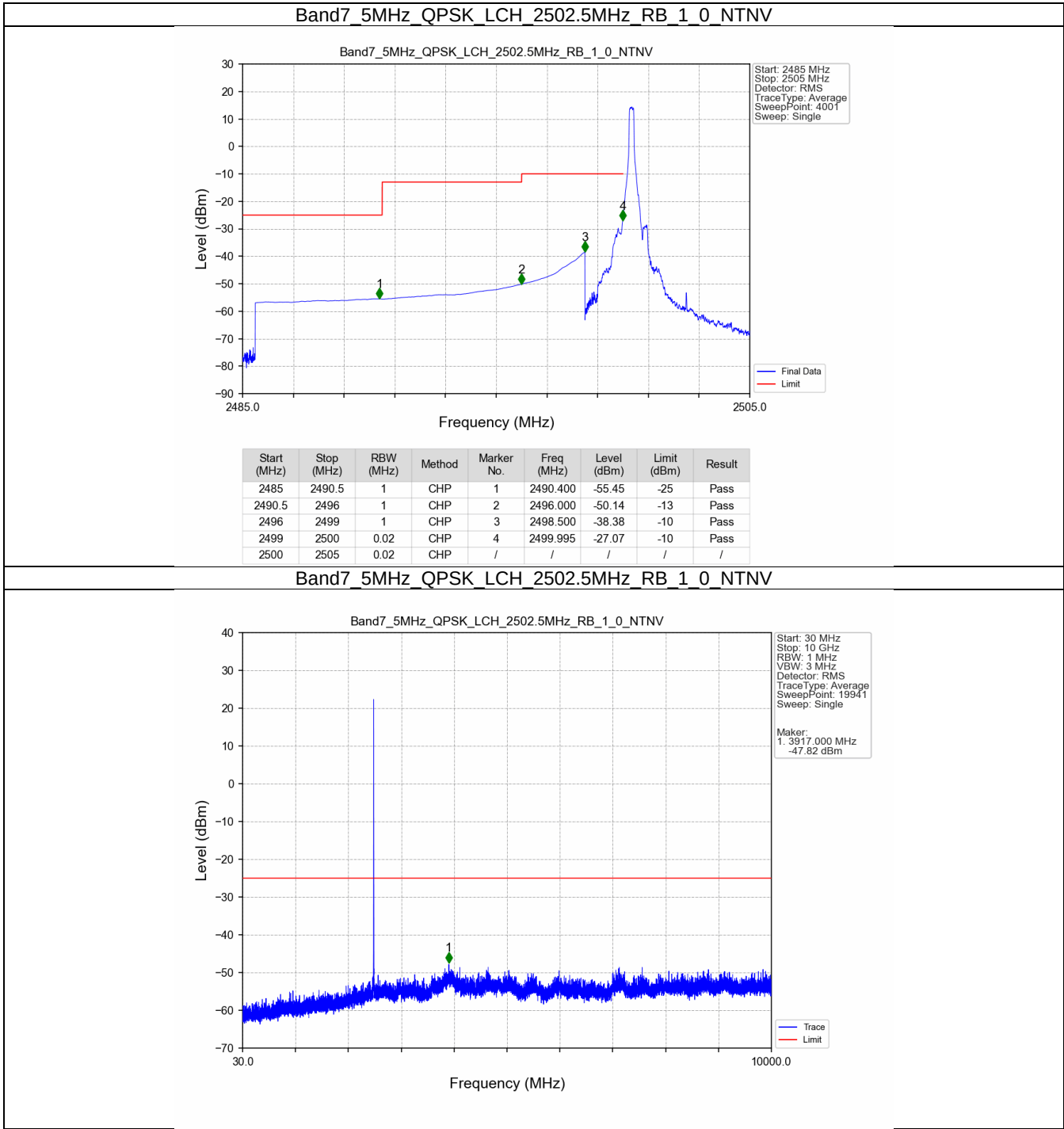
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

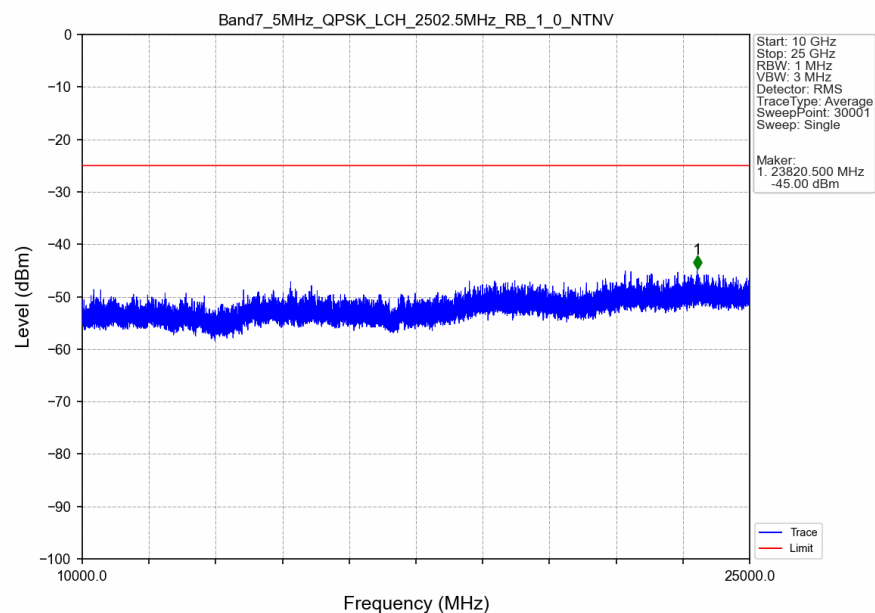
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

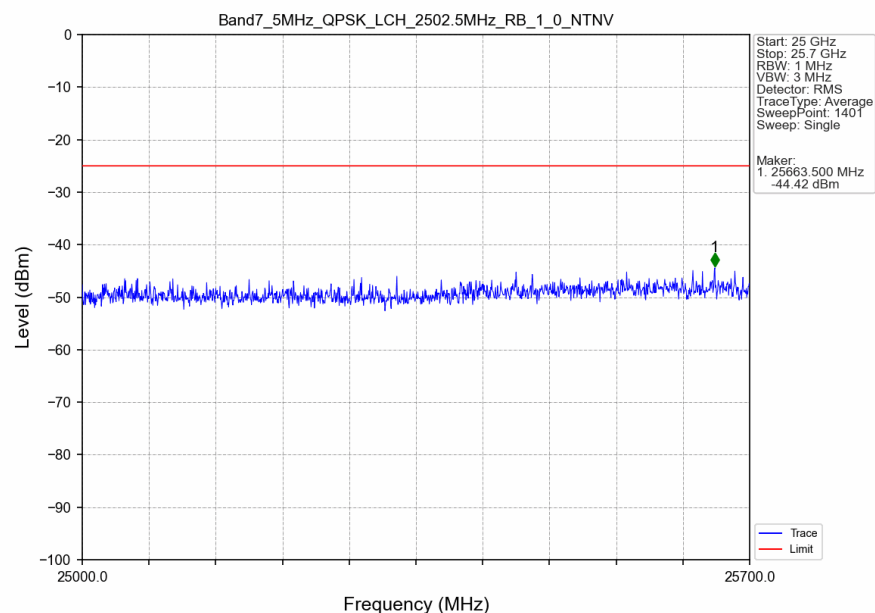
5.2.1 B7_5MHz



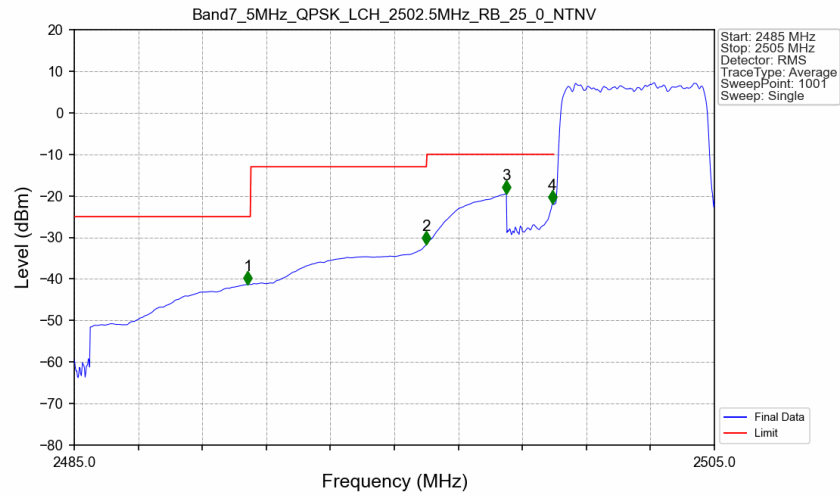
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



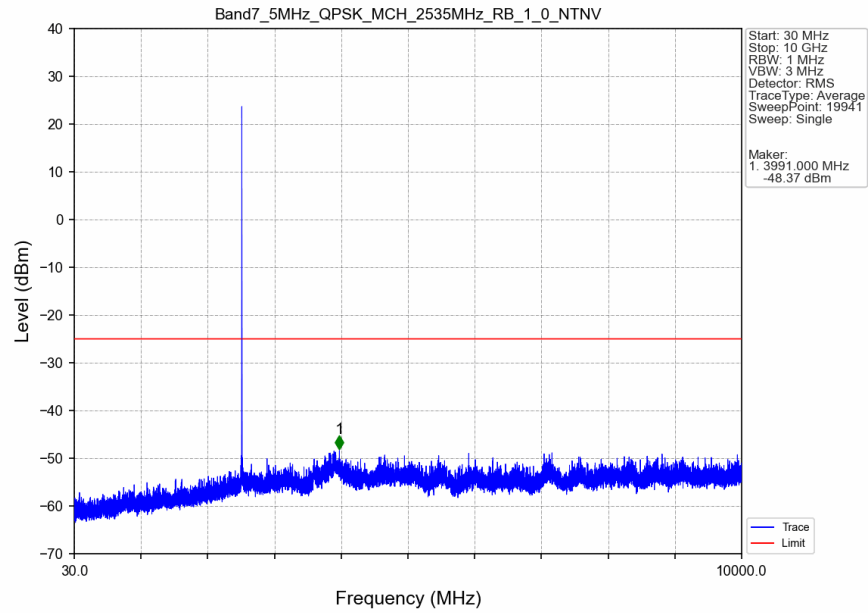
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



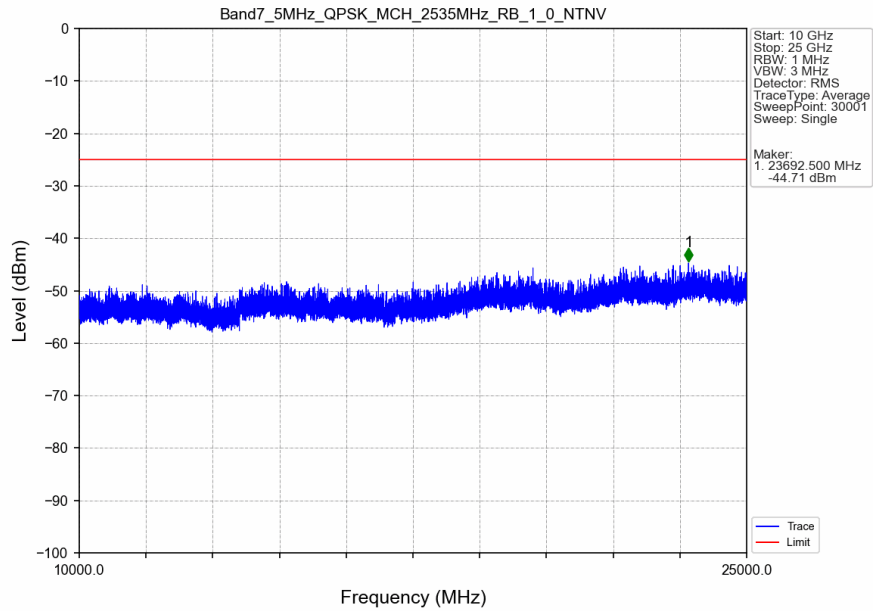
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV



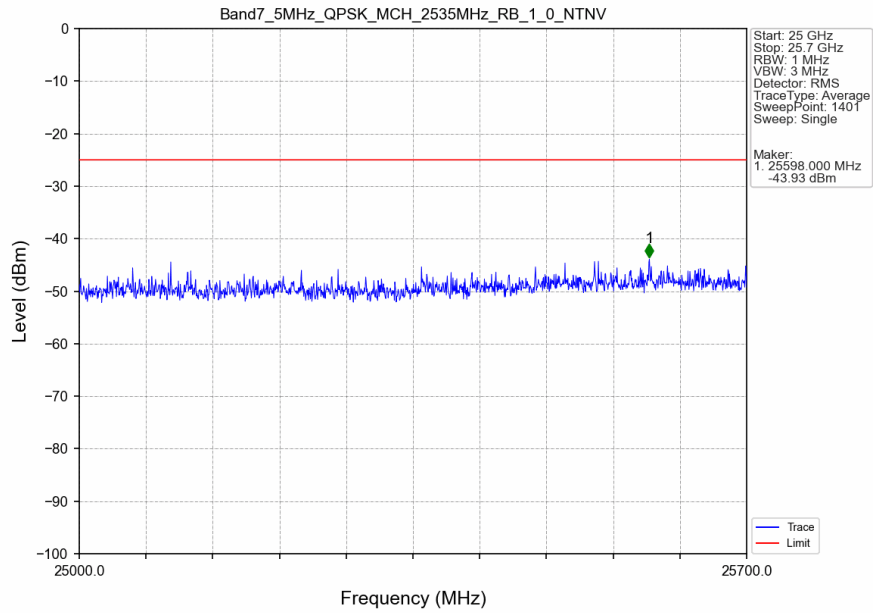
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



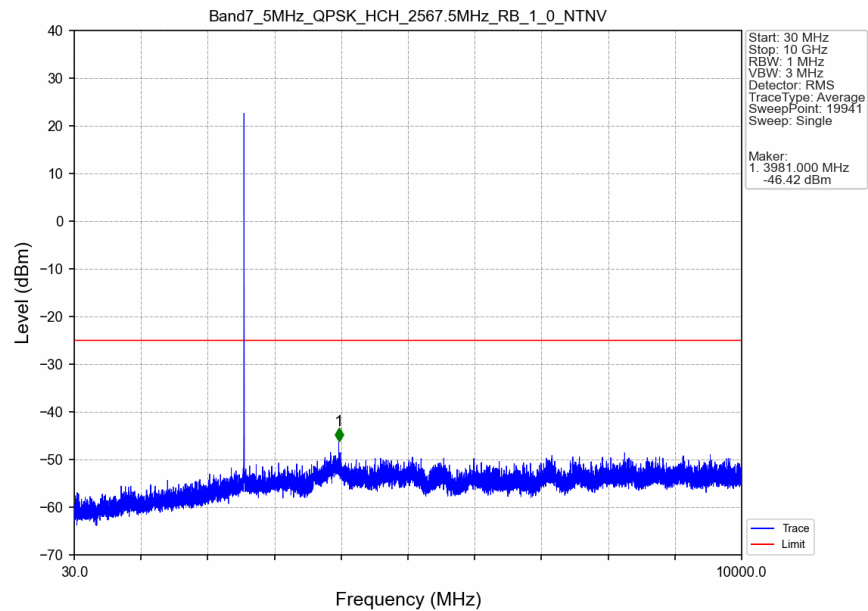
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



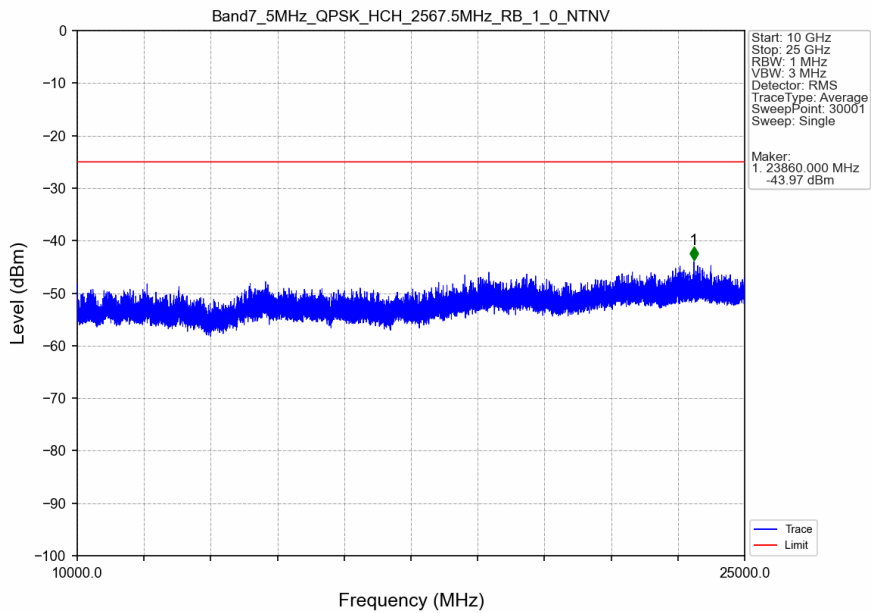
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



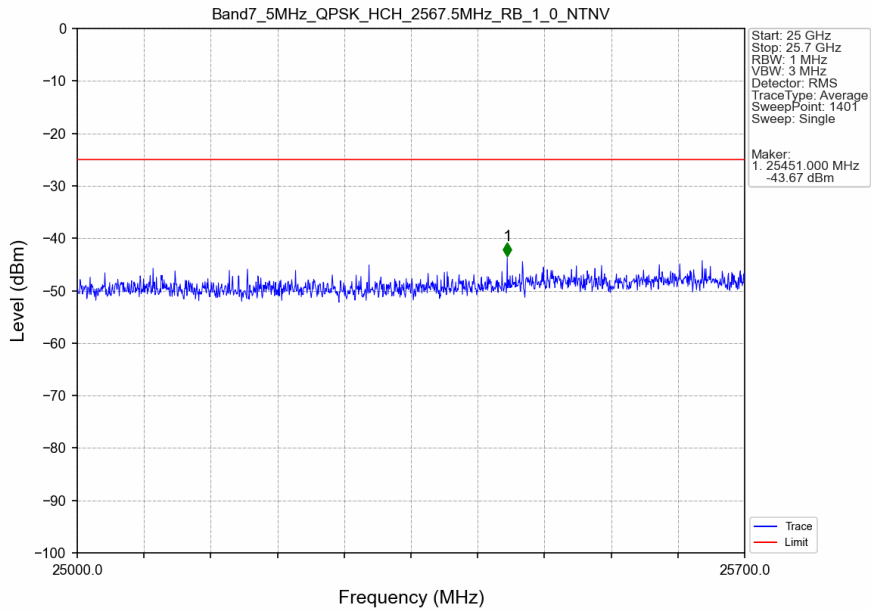
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



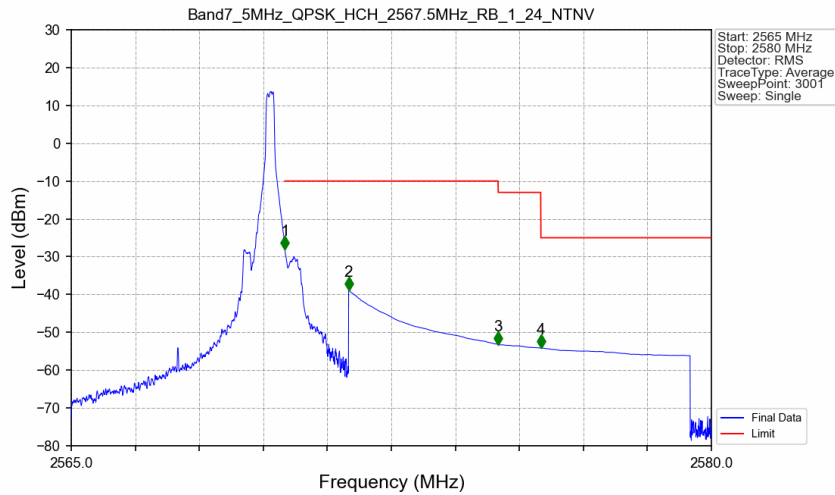
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

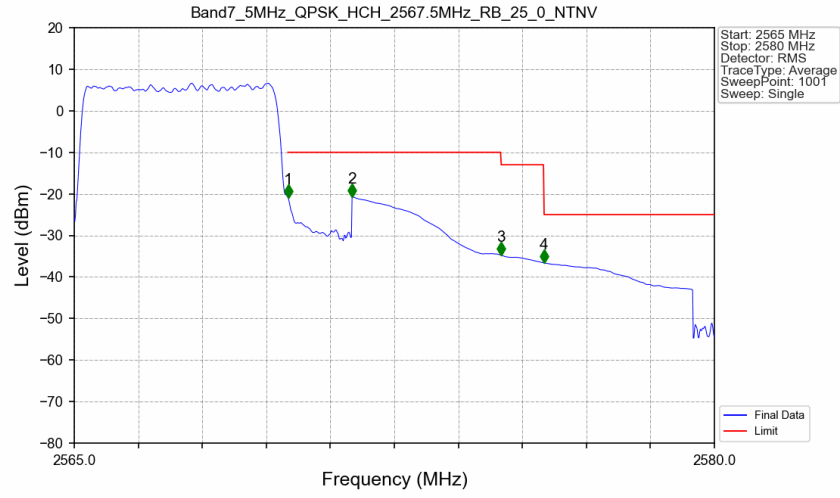


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



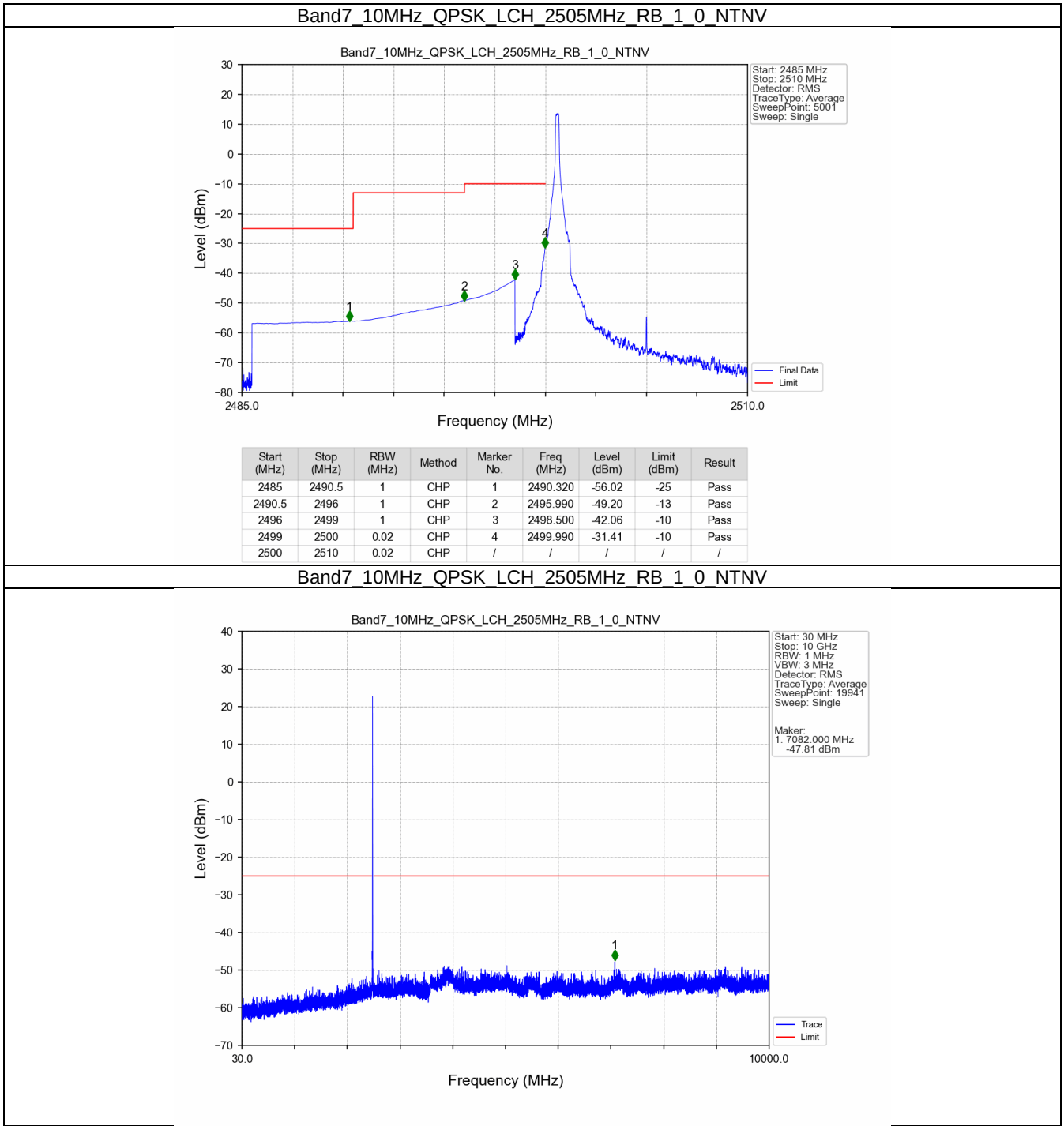
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.13	-10	Pass
2571	2575	1	CHP	2	2571.500	-38.93	-10	Pass
2575	2576	1	CHP	3	2575.005	-53.21	-13	Pass
2576	2580	1	CHP	4	2576.005	-54.11	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

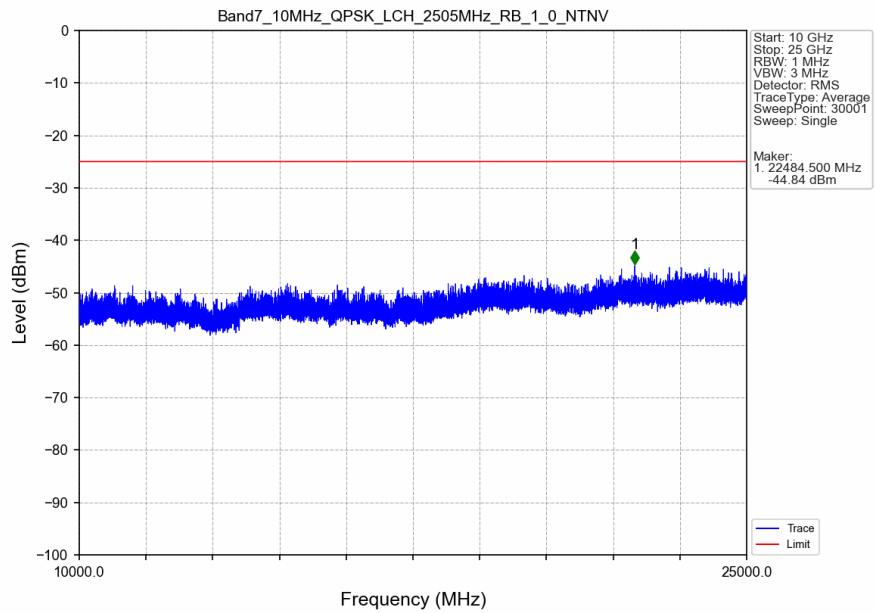


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.105	CHP	/	/	/	/	/
2570	2571	0.105	CHP	1	2570.010	-20.93	-10	Pass
2571	2575	1	CHP	2	2571.510	-20.70	-10	Pass
2575	2576	1	CHP	3	2575.005	-34.74	-13	Pass
2576	2580	1	CHP	4	2576.010	-36.63	-25	Pass

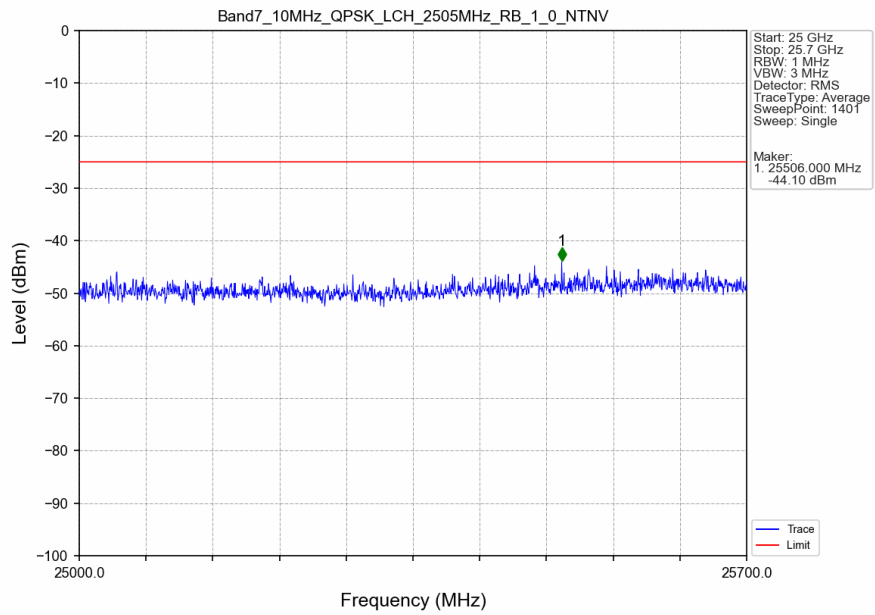
5.2.2 B7_10MHz



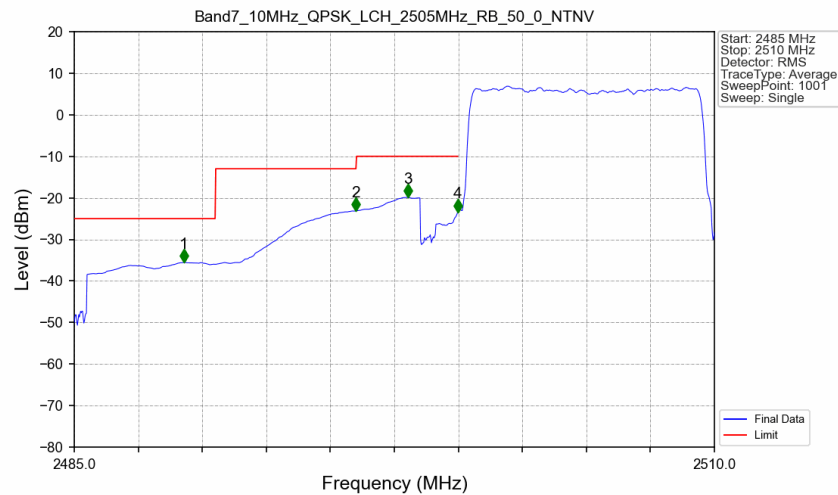
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTNV



Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTNV

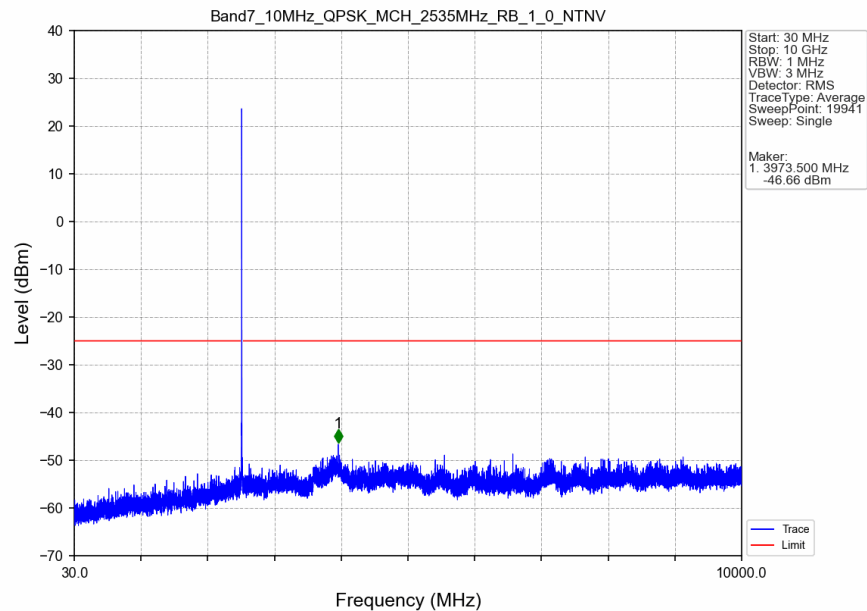


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

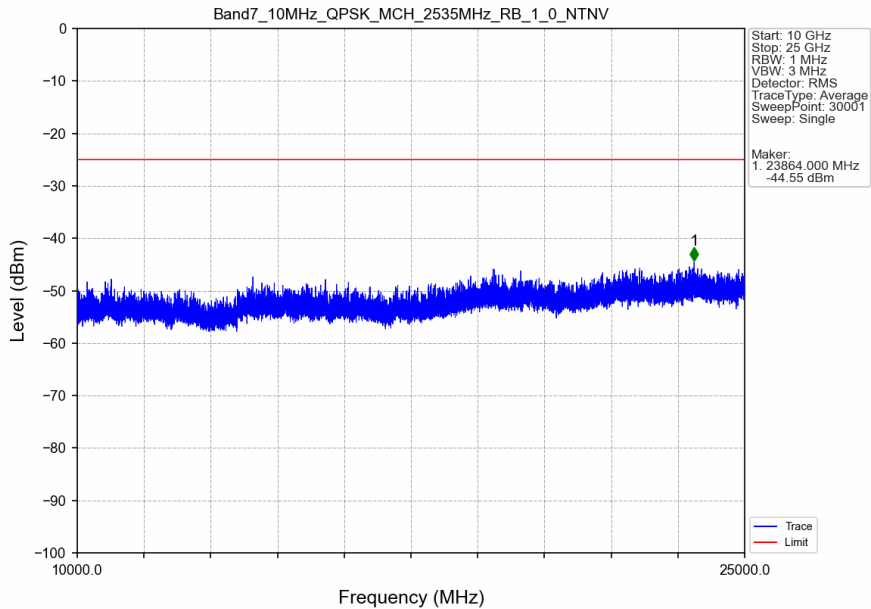


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.275	-35.55	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-23.13	-13	Pass
2496	2499	1	CHP	3	2498.025	-19.89	-10	Pass
2499	2500	0.203	CHP	4	2499.975	-23.39	-10	Pass
2500	2510	0.203	CHP	/	/	/	/	/

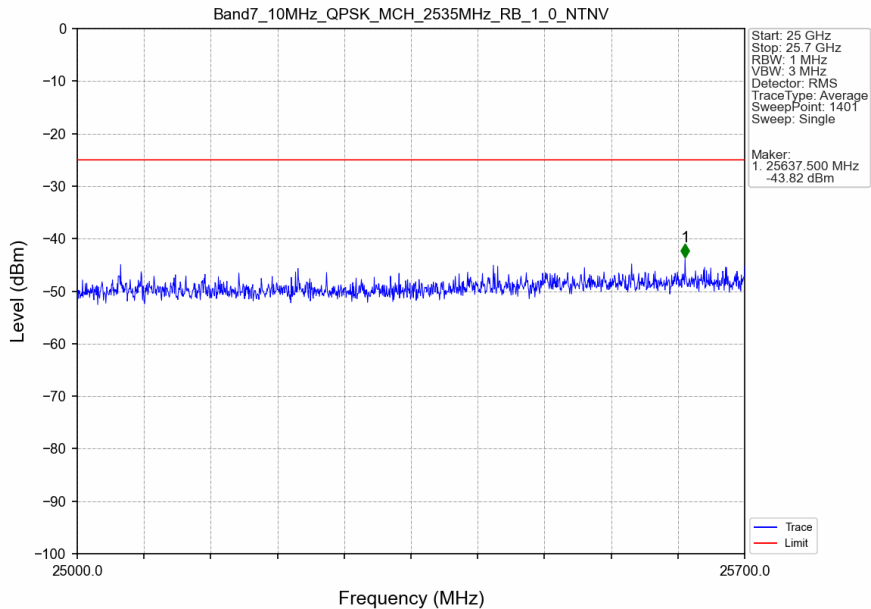
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



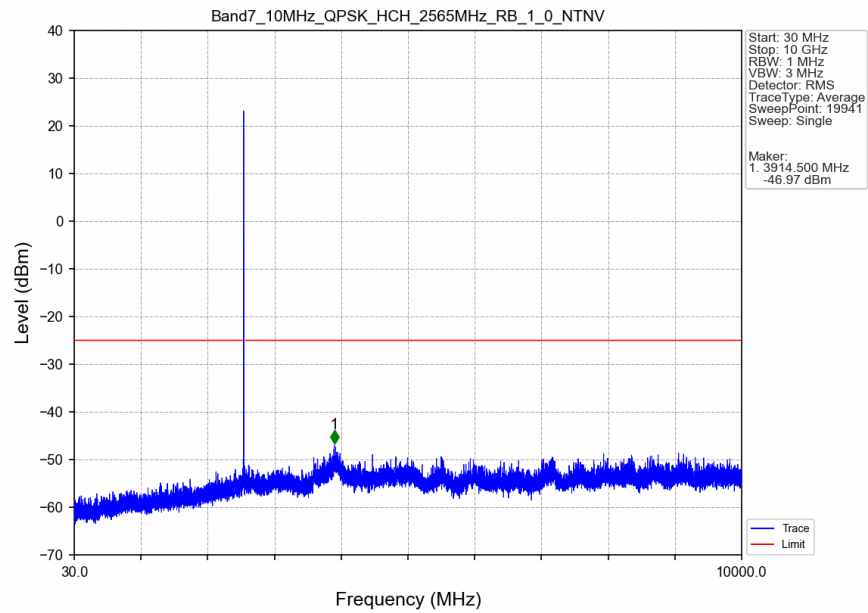
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



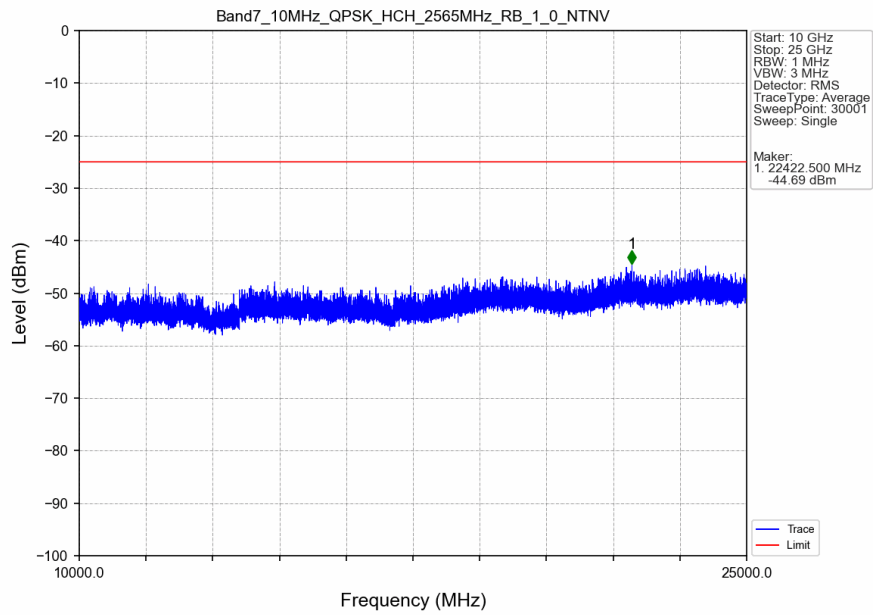
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



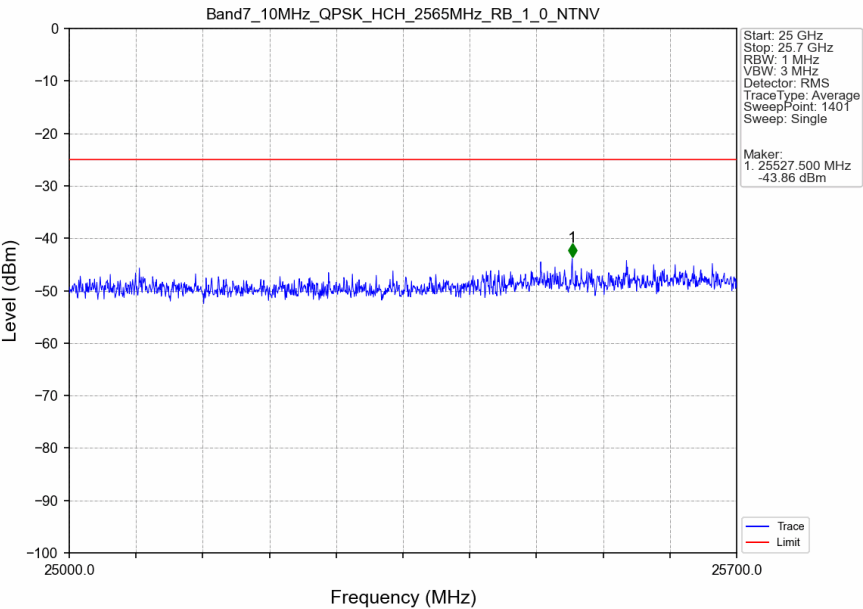
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



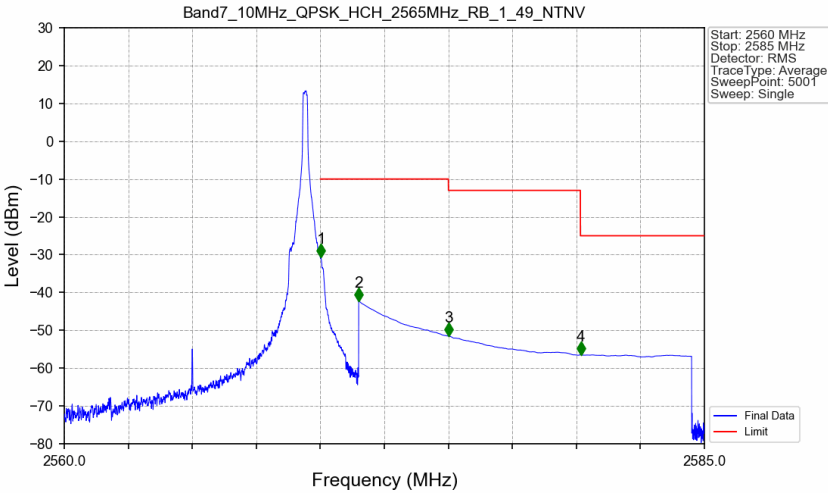
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

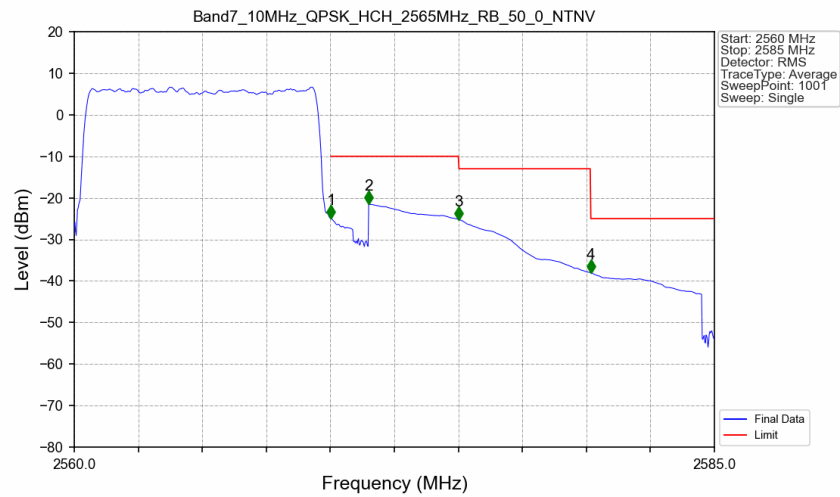


Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



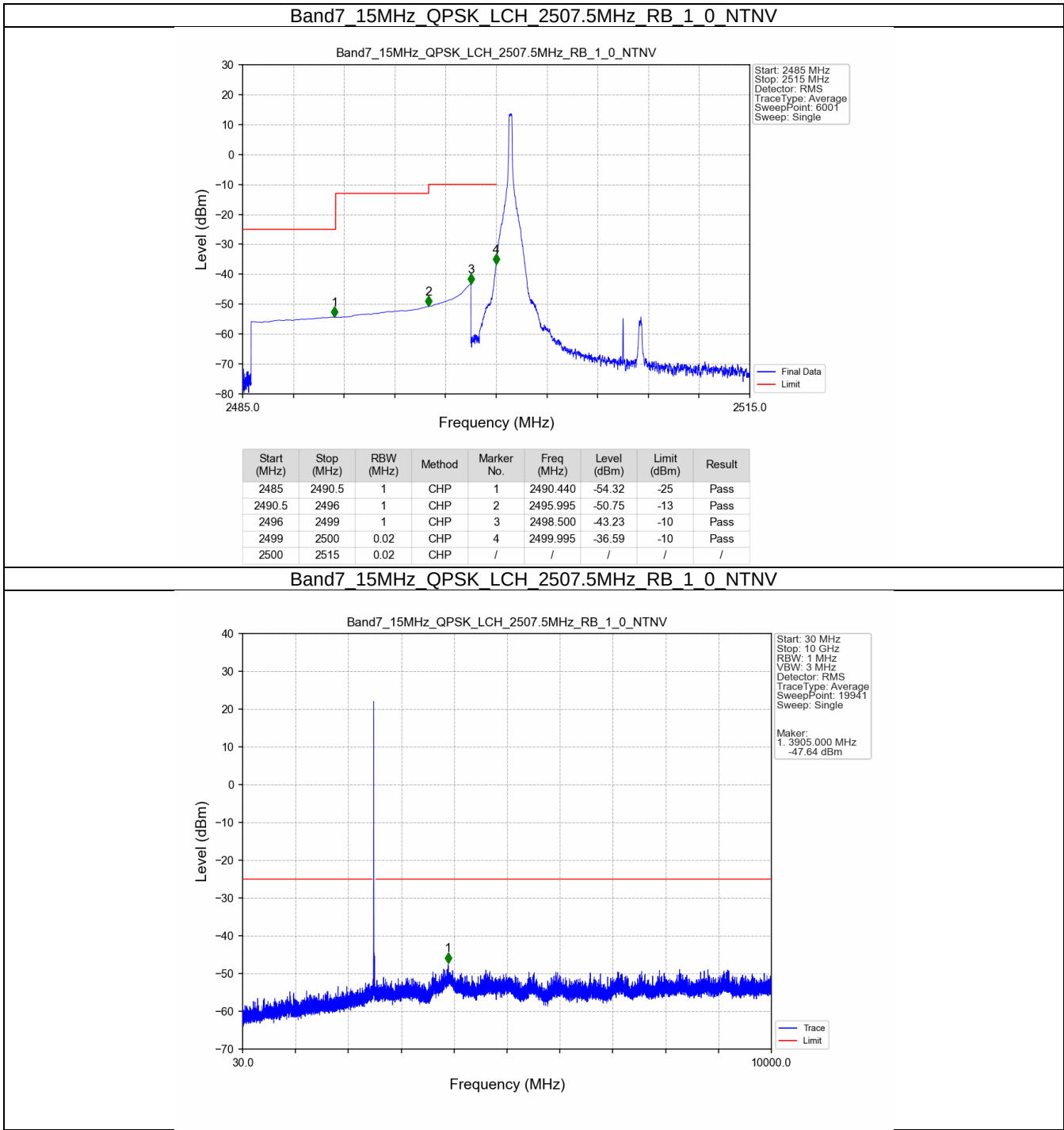
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.020	-30.74	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.19	-10	Pass
2575	2580.156	1	CHP	3	2575.005	-51.54	-13	Pass
2580.156	2585	1	CHP	4	2580.170	-56.45	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV

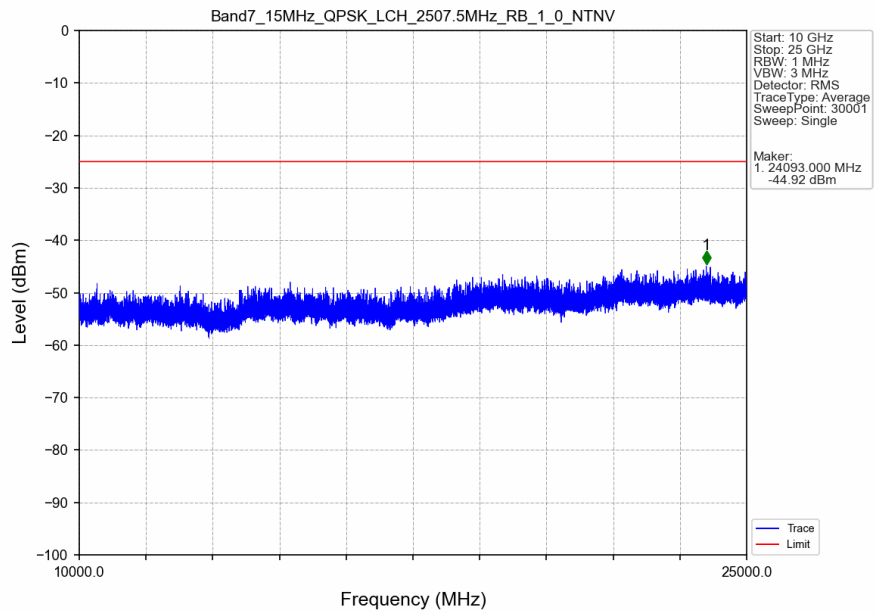


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.203	CHP	/	/	/	/	/
2570	2571	0.203	CHP	1	2570.025	-24.89	-10	Pass
2571	2575	1	CHP	2	2571.500	-21.52	-10	Pass
2575	2580.156	1	CHP	3	2575.025	-25.25	-13	Pass
2580.156	2585	1	CHP	4	2580.175	-38.04	-25	Pass

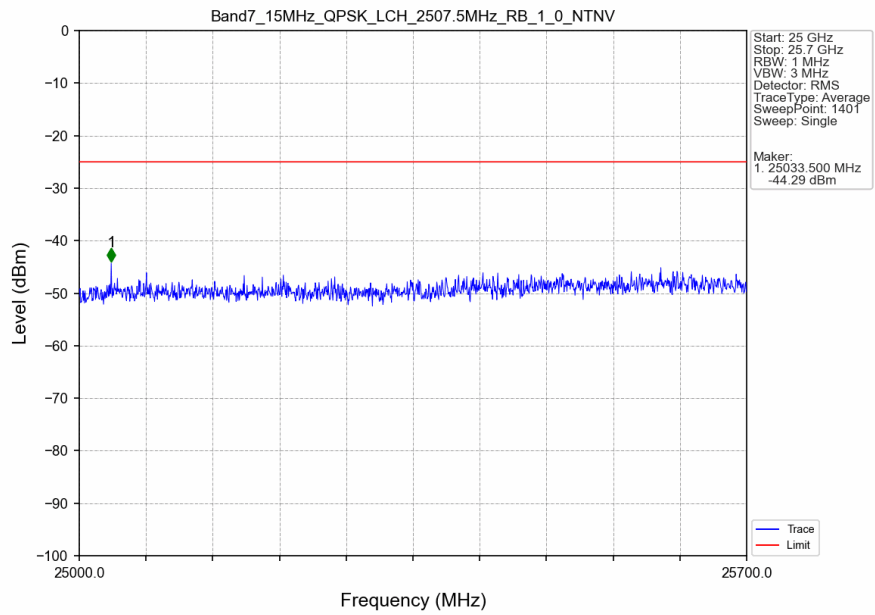
5.2.3 B7_15MHz



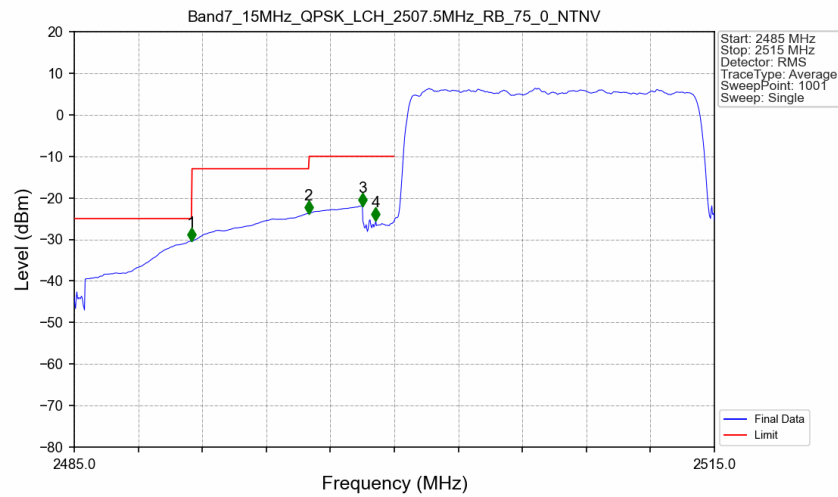
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTN



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTN

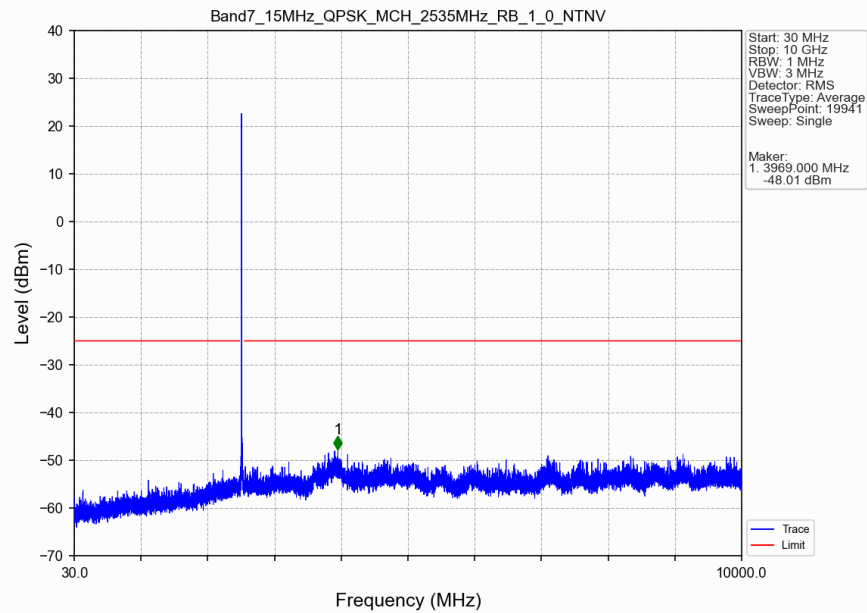


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

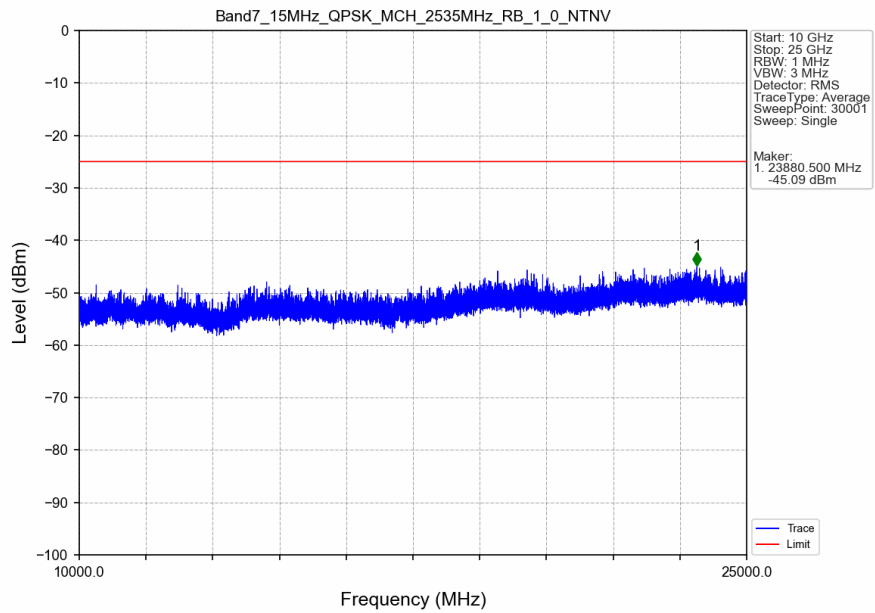


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-30.42	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-23.80	-13	Pass
2496	2499	1	CHP	3	2498.500	-21.94	-10	Pass
2499	2500	0.305	CHP	4	2499.130	-25.56	-10	Pass
2500	2515	0.305	CHP	/	/	/	/	/

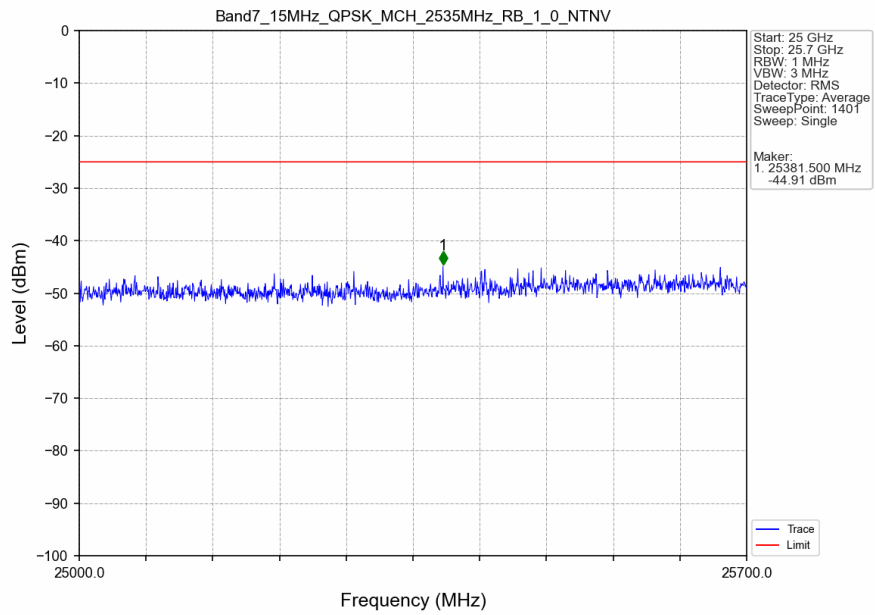
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



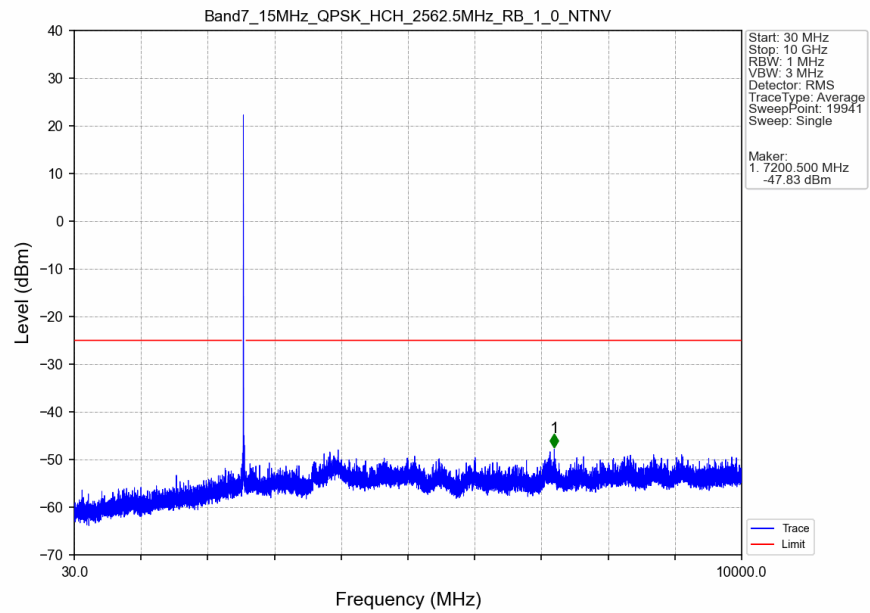
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



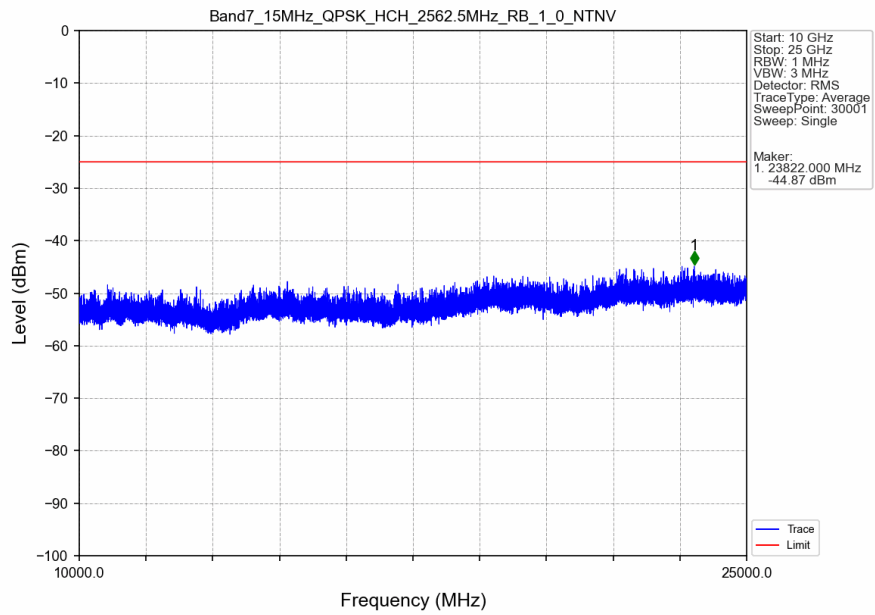
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



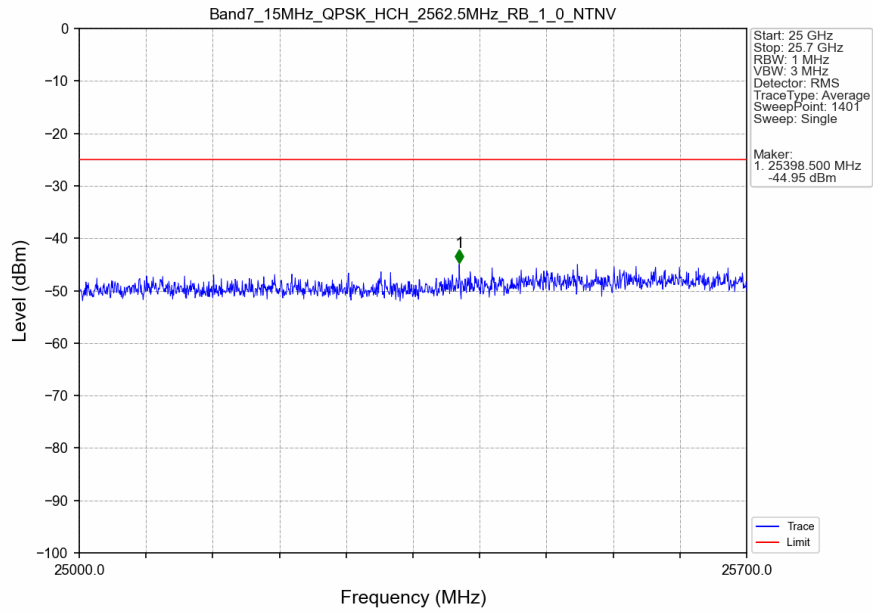
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



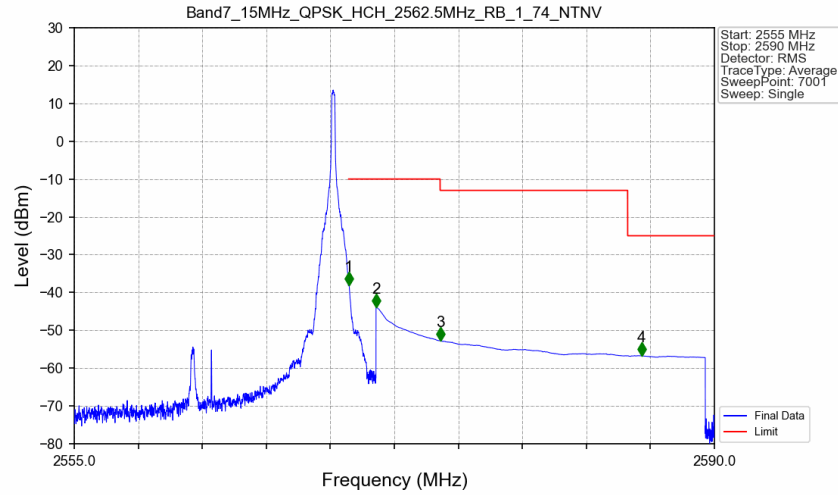
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

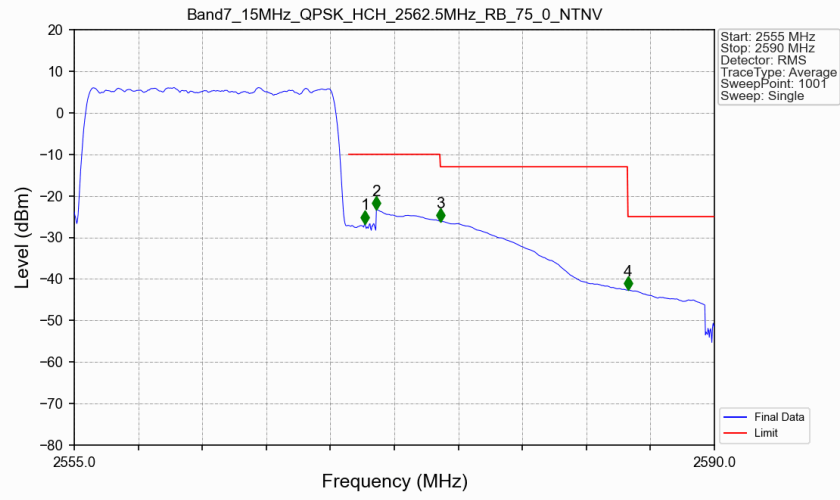


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



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	-38.11	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.79	-10	Pass
2575	2585.258	1	CHP	3	2575.005	-52.74	-13	Pass
2585.258	2590	1	CHP	4	2586.025	-56.69	-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	0.305	CHP	/	/	/	/	/
2570	2571	0.305	CHP	1	2570.890	-26.67	-10	Pass
2571	2575	1	CHP	2	2571.520	-23.34	-10	Pass
2575	2585.258	1	CHP	3	2575.020	-26.13	-13	Pass
2585.258	2590	1	CHP	4	2585.275	-42.69	-25	Pass

5.2.4 B7_20MHz

