

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	22.95	-0.45	22.50	<=33.01	Pass
			13	23.00	-0.45	22.55	<=33.01	Pass
			24	22.93	-0.45	22.48	<=33.01	Pass
		12	0	21.93	-0.45	21.48	<=33.01	Pass
			6	21.98	-0.45	21.53	<=33.01	Pass
			13	21.95	-0.45	21.50	<=33.01	Pass
		25	0	21.92	-0.45	21.47	<=33.01	Pass
	2535	1	0	23.14	-0.45	22.69	<=33.01	Pass
			13	23.14	-0.45	22.69	<=33.01	Pass
			24	23.11	-0.45	22.66	<=33.01	Pass
		12	0	22.09	-0.45	21.64	<=33.01	Pass
			6	22.11	-0.45	21.66	<=33.01	Pass
			13	22.17	-0.45	21.72	<=33.01	Pass
		25	0	22.08	-0.45	21.63	<=33.01	Pass
	2567.5	1	0	23.09	-0.45	22.64	<=33.01	Pass
			13	23.27	-0.45	22.82	<=33.01	Pass
			24	23.21	-0.45	22.76	<=33.01	Pass
		12	0	22.16	-0.45	21.71	<=33.01	Pass
			6	22.22	-0.45	21.77	<=33.01	Pass
			13	22.22	-0.45	21.77	<=33.01	Pass
		25	0	22.17	-0.45	21.72	<=33.01	Pass
16QAM	2502.5	1	0	21.96	-0.45	21.51	<=33.01	Pass
			13	22.06	-0.45	21.61	<=33.01	Pass
			24	21.92	-0.45	21.47	<=33.01	Pass
		12	0	20.93	-0.45	20.48	<=33.01	Pass
			6	20.99	-0.45	20.54	<=33.01	Pass
			13	20.96	-0.45	20.51	<=33.01	Pass
		25	0	20.89	-0.45	20.44	<=33.01	Pass
	2535	1	0	22.23	-0.45	21.78	<=33.01	Pass
			13	22.44	-0.45	21.99	<=33.01	Pass
			24	22.21	-0.45	21.76	<=33.01	Pass
		12	0	21.08	-0.45	20.63	<=33.01	Pass
			6	21.12	-0.45	20.67	<=33.01	Pass
			13	21.17	-0.45	20.72	<=33.01	Pass
		25	0	21.07	-0.45	20.62	<=33.01	Pass
	2567.5	1	0	22.28	-0.45	21.83	<=33.01	Pass
			13	22.31	-0.45	21.86	<=33.01	Pass
			24	22.29	-0.45	21.84	<=33.01	Pass
		12	0	21.18	-0.45	20.73	<=33.01	Pass
			6	21.23	-0.45	20.78	<=33.01	Pass
			13	21.18	-0.45	20.73	<=33.01	Pass
		25	0	21.20	-0.45	20.75	<=33.01	Pass
64QAM	2502.5	1	0	21.18	-0.45	20.73	<=33.01	Pass
			13	21.12	-0.45	20.67	<=33.01	Pass
			24	21.05	-0.45	20.60	<=33.01	Pass
		12	0	19.99	-0.45	19.54	<=33.01	Pass
			6	20.04	-0.45	19.59	<=33.01	Pass
			13	19.92	-0.45	19.47	<=33.01	Pass
		25	0	19.92	-0.45	19.47	<=33.01	Pass

	2535	1	0	21.42	-0.45	20.97	<=33.01	Pass
			13	21.47	-0.45	21.02	<=33.01	Pass
			24	21.36	-0.45	20.91	<=33.01	Pass
		12	0	20.13	-0.45	19.68	<=33.01	Pass
			6	20.16	-0.45	19.71	<=33.01	Pass
			13	20.15	-0.45	19.70	<=33.01	Pass
		25	0	20.08	-0.45	19.63	<=33.01	Pass
	2567.5	1	0	21.39	-0.45	20.94	<=33.01	Pass
			13	21.47	-0.45	21.02	<=33.01	Pass
			24	21.51	-0.45	21.06	<=33.01	Pass
		12	0	20.13	-0.45	19.68	<=33.01	Pass
			6	20.23	-0.45	19.78	<=33.01	Pass
			13	20.25	-0.45	19.80	<=33.01	Pass
		25	0	20.16	-0.45	19.71	<=33.01	Pass
256QAM	2502.5	1	0	17.93	-0.45	17.48	<=33.01	Pass
			13	18.11	-0.45	17.66	<=33.01	Pass
			24	18.01	-0.45	17.56	<=33.01	Pass
		12	0	17.99	-0.45	17.54	<=33.01	Pass
			6	18.01	-0.45	17.56	<=33.01	Pass
			13	17.97	-0.45	17.52	<=33.01	Pass
		25	0	17.94	-0.45	17.49	<=33.01	Pass
	2535	1	0	18.31	-0.45	17.86	<=33.01	Pass
			13	18.39	-0.45	17.94	<=33.01	Pass
			24	18.24	-0.45	17.79	<=33.01	Pass
		12	0	18.14	-0.45	17.69	<=33.01	Pass
			6	18.16	-0.45	17.71	<=33.01	Pass
			13	18.16	-0.45	17.71	<=33.01	Pass
		25	0	18.10	-0.45	17.65	<=33.01	Pass
	2567.5	1	0	18.22	-0.45	17.77	<=33.01	Pass
			13	18.51	-0.45	18.06	<=33.01	Pass
			24	18.32	-0.45	17.87	<=33.01	Pass
		12	0	18.17	-0.45	17.72	<=33.01	Pass
			6	18.25	-0.45	17.80	<=33.01	Pass
			13	18.20	-0.45	17.75	<=33.01	Pass
		25	0	18.21	-0.45	17.76	<=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	22.93	-0.45	22.48	<=33.01	Pass
			25	22.98	-0.45	22.53	<=33.01	Pass
			49	22.95	-0.45	22.50	<=33.01	Pass
		25	0	22.01	-0.45	21.56	<=33.01	Pass
			13	21.99	-0.45	21.54	<=33.01	Pass
			25	21.97	-0.45	21.52	<=33.01	Pass
		50	0	21.98	-0.45	21.53	<=33.01	Pass
	2535	1	0	23.22	-0.45	22.77	<=33.01	Pass
			25	23.21	-0.45	22.76	<=33.01	Pass
			49	23.08	-0.45	22.63	<=33.01	Pass
		25	0	22.15	-0.45	21.70	<=33.01	Pass
			13	22.13	-0.45	21.68	<=33.01	Pass
			25	22.07	-0.45	21.62	<=33.01	Pass
		50	0	22.11	-0.45	21.66	<=33.01	Pass
	2565	1	0	23.02	-0.45	22.57	<=33.01	Pass

		25	25	23.15	-0.45	22.70	<=33.01	Pass
			49	23.19	-0.45	22.74	<=33.01	Pass
			0	22.12	-0.45	21.67	<=33.01	Pass
			13	22.21	-0.45	21.76	<=33.01	Pass
			25	22.17	-0.45	21.72	<=33.01	Pass
		50	0	22.14	-0.45	21.69	<=33.01	Pass
16QAM	2505	1	0	22.02	-0.45	21.57	<=33.01	Pass
			25	22.10	-0.45	21.65	<=33.01	Pass
			49	22.09	-0.45	21.64	<=33.01	Pass
		25	0	20.97	-0.45	20.52	<=33.01	Pass
			13	21.02	-0.45	20.57	<=33.01	Pass
			25	20.96	-0.45	20.51	<=33.01	Pass
		50	0	20.97	-0.45	20.52	<=33.01	Pass
	2535	1	0	22.27	-0.45	21.82	<=33.01	Pass
			25	22.33	-0.45	21.88	<=33.01	Pass
			49	22.20	-0.45	21.75	<=33.01	Pass
		25	0	21.14	-0.45	20.69	<=33.01	Pass
			13	21.13	-0.45	20.68	<=33.01	Pass
			25	21.07	-0.45	20.62	<=33.01	Pass
		50	0	21.09	-0.45	20.64	<=33.01	Pass
	2565	1	0	22.32	-0.45	21.87	<=33.01	Pass
			25	22.37	-0.45	21.92	<=33.01	Pass
			49	22.32	-0.45	21.87	<=33.01	Pass
		25	0	21.12	-0.45	20.67	<=33.01	Pass
			13	21.18	-0.45	20.73	<=33.01	Pass
			25	21.21	-0.45	20.76	<=33.01	Pass
		50	0	21.14	-0.45	20.69	<=33.01	Pass
64QAM	2505	1	0	21.19	-0.45	20.74	<=33.01	Pass
			25	21.22	-0.45	20.77	<=33.01	Pass
			49	21.20	-0.45	20.75	<=33.01	Pass
		25	0	19.99	-0.45	19.54	<=33.01	Pass
			13	20.03	-0.45	19.58	<=33.01	Pass
			25	19.98	-0.45	19.53	<=33.01	Pass
		50	0	19.94	-0.45	19.49	<=33.01	Pass
	2535	1	0	21.48	-0.45	21.03	<=33.01	Pass
			25	21.53	-0.45	21.08	<=33.01	Pass
			49	21.34	-0.45	20.89	<=33.01	Pass
		25	0	20.13	-0.45	19.68	<=33.01	Pass
			13	20.11	-0.45	19.66	<=33.01	Pass
			25	20.10	-0.45	19.65	<=33.01	Pass
		50	0	20.08	-0.45	19.63	<=33.01	Pass
	2565	1	0	21.40	-0.45	20.95	<=33.01	Pass
			25	21.49	-0.45	21.04	<=33.01	Pass
			49	21.42	-0.45	20.97	<=33.01	Pass
		25	0	20.13	-0.45	19.68	<=33.01	Pass
			13	20.18	-0.45	19.73	<=33.01	Pass
			25	20.18	-0.45	19.73	<=33.01	Pass
		50	0	20.14	-0.45	19.69	<=33.01	Pass
256QAM	2505	1	0	18.12	-0.45	17.67	<=33.01	Pass
			25	18.17	-0.45	17.72	<=33.01	Pass
			49	18.12	-0.45	17.67	<=33.01	Pass
		25	0	18.01	-0.45	17.56	<=33.01	Pass
			13	18.10	-0.45	17.65	<=33.01	Pass
			25	18.02	-0.45	17.57	<=33.01	Pass
		50	0	17.98	-0.45	17.53	<=33.01	Pass
	2535	1	0	18.28	-0.45	17.83	<=33.01	Pass
			25	18.30	-0.45	17.85	<=33.01	Pass
			49	18.23	-0.45	17.78	<=33.01	Pass
		25	0	18.20	-0.45	17.75	<=33.01	Pass

			13	18.19	-0.45	17.74	<=33.01	Pass
			25	18.13	-0.45	17.68	<=33.01	Pass
		50	0	18.15	-0.45	17.70	<=33.01	Pass
	2565	1	0	18.06	-0.45	17.61	<=33.01	Pass
			25	18.34	-0.45	17.89	<=33.01	Pass
			49	18.27	-0.45	17.82	<=33.01	Pass
		25	0	18.16	-0.45	17.71	<=33.01	Pass
			13	18.24	-0.45	17.79	<=33.01	Pass
			25	18.23	-0.45	17.78	<=33.01	Pass
		50	0	18.20	-0.45	17.75	<=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	22.68	-0.45	22.23	<=33.01	Pass
			38	22.72	-0.45	22.27	<=33.01	Pass
			74	22.76	-0.45	22.31	<=33.01	Pass
		36	0	21.83	-0.45	21.38	<=33.01	Pass
			18	21.84	-0.45	21.39	<=33.01	Pass
			39	21.86	-0.45	21.41	<=33.01	Pass
		75	0	21.89	-0.45	21.44	<=33.01	Pass
	2535	1	0	22.95	-0.45	22.50	<=33.01	Pass
			38	22.93	-0.45	22.48	<=33.01	Pass
			74	22.77	-0.45	22.32	<=33.01	Pass
		36	0	22.00	-0.45	21.55	<=33.01	Pass
			18	22.00	-0.45	21.55	<=33.01	Pass
			39	21.93	-0.45	21.48	<=33.01	Pass
		75	0	22.01	-0.45	21.56	<=33.01	Pass
	2562.5	1	0	22.66	-0.45	22.21	<=33.01	Pass
			38	22.92	-0.45	22.47	<=33.01	Pass
			74	22.86	-0.45	22.41	<=33.01	Pass
		36	0	21.90	-0.45	21.45	<=33.01	Pass
			18	21.98	-0.45	21.53	<=33.01	Pass
			39	22.05	-0.45	21.60	<=33.01	Pass
		75	0	21.99	-0.45	21.54	<=33.01	Pass
16QAM	2507.5	1	0	21.82	-0.45	21.37	<=33.01	Pass
			38	21.77	-0.45	21.32	<=33.01	Pass
			74	21.89	-0.45	21.44	<=33.01	Pass
		36	0	20.83	-0.45	20.38	<=33.01	Pass
			18	20.83	-0.45	20.38	<=33.01	Pass
			39	20.85	-0.45	20.40	<=33.01	Pass
		75	0	20.87	-0.45	20.42	<=33.01	Pass
	2535	1	0	22.16	-0.45	21.71	<=33.01	Pass
			38	22.09	-0.45	21.64	<=33.01	Pass
			74	21.93	-0.45	21.48	<=33.01	Pass
		36	0	21.01	-0.45	20.56	<=33.01	Pass
			18	20.99	-0.45	20.54	<=33.01	Pass
			39	20.92	-0.45	20.47	<=33.01	Pass
		75	0	20.97	-0.45	20.52	<=33.01	Pass
	2562.5	1	0	21.96	-0.45	21.51	<=33.01	Pass
			38	22.01	-0.45	21.56	<=33.01	Pass
			74	22.03	-0.45	21.58	<=33.01	Pass
		36	0	20.87	-0.45	20.42	<=33.01	Pass
			18	20.97	-0.45	20.52	<=33.01	Pass

			39	21.02	-0.45	20.57	<=33.01	Pass	
		75	0	20.98	-0.45	20.53	<=33.01	Pass	
64QAM	2507.5	1	0	20.93	-0.45	20.48	<=33.01	Pass	
			38	20.95	-0.45	20.50	<=33.01	Pass	
			74	21.08	-0.45	20.63	<=33.01	Pass	
			0	19.83	-0.45	19.38	<=33.01	Pass	
		36	18	19.86	-0.45	19.41	<=33.01	Pass	
			39	19.86	-0.45	19.41	<=33.01	Pass	
			75	0	19.85	-0.45	19.40	<=33.01	Pass
		2535	1	0	21.38	-0.45	20.93	<=33.01	Pass
				38	21.26	-0.45	20.81	<=33.01	Pass
				74	21.10	-0.45	20.65	<=33.01	Pass
	36		0	20.00	-0.45	19.55	<=33.01	Pass	
			18	19.96	-0.45	19.51	<=33.01	Pass	
			39	19.88	-0.45	19.43	<=33.01	Pass	
	75		0	19.98	-0.45	19.53	<=33.01	Pass	
	2562.5	1	0	21.16	-0.45	20.71	<=33.01	Pass	
			38	21.25	-0.45	20.80	<=33.01	Pass	
			74	21.21	-0.45	20.76	<=33.01	Pass	
		36	0	19.91	-0.45	19.46	<=33.01	Pass	
			18	19.99	-0.45	19.54	<=33.01	Pass	
			39	20.02	-0.45	19.57	<=33.01	Pass	
		75	0	19.96	-0.45	19.51	<=33.01	Pass	
		256QAM	2507.5	1	0	17.87	-0.45	17.42	<=33.01
38	17.85				-0.45	17.40	<=33.01	Pass	
74	17.94				-0.45	17.49	<=33.01	Pass	
36	0			17.80	-0.45	17.35	<=33.01	Pass	
	18			17.77	-0.45	17.32	<=33.01	Pass	
	39			17.88	-0.45	17.43	<=33.01	Pass	
75	0			17.88	-0.45	17.43	<=33.01	Pass	
2535	1		0	18.04	-0.45	17.59	<=33.01	Pass	
			38	18.02	-0.45	17.57	<=33.01	Pass	
			74	18.02	-0.45	17.57	<=33.01	Pass	
	36		0	18.02	-0.45	17.57	<=33.01	Pass	
			18	17.98	-0.45	17.53	<=33.01	Pass	
			39	18.00	-0.45	17.55	<=33.01	Pass	
75	0		18.01	-0.45	17.56	<=33.01	Pass		
2562.5	1		0	17.87	-0.45	17.42	<=33.01	Pass	
			38	18.04	-0.45	17.59	<=33.01	Pass	
			74	18.13	-0.45	17.68	<=33.01	Pass	
	36		0	17.90	-0.45	17.45	<=33.01	Pass	
		18	18.02	-0.45	17.57	<=33.01	Pass		
		39	18.03	-0.45	17.58	<=33.01	Pass		
	75	0	17.98	-0.45	17.53	<=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	22.68	-0.45	22.23	<=33.01	Pass
			50	22.77	-0.45	22.32	<=33.01	Pass
			99	22.86	-0.45	22.41	<=33.01	Pass
		50	0	21.84	-0.45	21.39	<=33.01	Pass
			25	21.91	-0.45	21.46	<=33.01	Pass
			50	21.89	-0.45	21.44	<=33.01	Pass

		100	0	21.88	-0.45	21.43	<=33.01	Pass
		2535	1	0	23.11	-0.45	22.66	<=33.01
				50	23.01	-0.45	22.56	<=33.01
				99	22.91	-0.45	22.46	<=33.01
			50	0	22.00	-0.45	21.55	<=33.01
				25	21.97	-0.45	21.52	<=33.01
				50	21.92	-0.45	21.47	<=33.01
		100	0	21.96	-0.45	21.51	<=33.01	Pass
		2560	1	0	22.74	-0.45	22.29	<=33.01
				50	22.83	-0.45	22.38	<=33.01
				99	22.91	-0.45	22.46	<=33.01
			50	0	21.85	-0.45	21.40	<=33.01
				25	21.96	-0.45	21.51	<=33.01
				50	21.89	-0.45	21.44	<=33.01
		100	0	21.93	-0.45	21.48	<=33.01	Pass
16QAM	2510	1	0	21.79	-0.45	21.34	<=33.01	Pass
			50	21.90	-0.45	21.45	<=33.01	Pass
			99	21.96	-0.45	21.51	<=33.01	Pass
			0	20.84	-0.45	20.39	<=33.01	Pass
		50	25	20.85	-0.45	20.40	<=33.01	Pass
			50	20.88	-0.45	20.43	<=33.01	Pass
		100	0	20.86	-0.45	20.41	<=33.01	Pass
	2535	1	0	22.11	-0.45	21.66	<=33.01	Pass
			50	22.49	-0.45	22.04	<=33.01	Pass
			99	21.87	-0.45	21.42	<=33.01	Pass
		50	0	21.03	-0.45	20.58	<=33.01	Pass
			25	20.99	-0.45	20.54	<=33.01	Pass
			50	20.89	-0.45	20.44	<=33.01	Pass
		100	0	20.96	-0.45	20.51	<=33.01	Pass
	2560	1	0	22.02	-0.45	21.57	<=33.01	Pass
			50	22.15	-0.45	21.70	<=33.01	Pass
			99	22.25	-0.45	21.80	<=33.01	Pass
		50	0	20.85	-0.45	20.40	<=33.01	Pass
			25	20.94	-0.45	20.49	<=33.01	Pass
			50	20.88	-0.45	20.43	<=33.01	Pass
		100	0	20.93	-0.45	20.48	<=33.01	Pass
64QAM	2510	1	0	20.91	-0.45	20.46	<=33.01	Pass
			50	21.21	-0.45	20.76	<=33.01	Pass
			99	21.19	-0.45	20.74	<=33.01	Pass
			0	19.82	-0.45	19.37	<=33.01	Pass
		50	25	19.88	-0.45	19.43	<=33.01	Pass
			50	19.89	-0.45	19.44	<=33.01	Pass
		100	0	19.87	-0.45	19.42	<=33.01	Pass
	2535	1	0	21.19	-0.45	20.74	<=33.01	Pass
			50	21.24	-0.45	20.79	<=33.01	Pass
			99	20.97	-0.45	20.52	<=33.01	Pass
		50	0	20.00	-0.45	19.55	<=33.01	Pass
			25	19.97	-0.45	19.52	<=33.01	Pass
			50	19.91	-0.45	19.46	<=33.01	Pass
		100	0	19.98	-0.45	19.53	<=33.01	Pass
	2560	1	0	20.91	-0.45	20.46	<=33.01	Pass
			50	21.17	-0.45	20.72	<=33.01	Pass
			99	21.15	-0.45	20.70	<=33.01	Pass
		50	0	19.87	-0.45	19.42	<=33.01	Pass
			25	19.95	-0.45	19.50	<=33.01	Pass
			50	19.91	-0.45	19.46	<=33.01	Pass
		100	0	19.95	-0.45	19.50	<=33.01	Pass
256QAM	2510	1	0	17.84	-0.45	17.39	<=33.01	Pass
			50	17.93	-0.45	17.48	<=33.01	Pass

			99	18.08	-0.45	17.63	<=33.01	Pass
		50	0	17.88	-0.45	17.43	<=33.01	Pass
			25	17.91	-0.45	17.46	<=33.01	Pass
			50	17.95	-0.45	17.50	<=33.01	Pass
		100	0	17.88	-0.45	17.43	<=33.01	Pass
	2535	1	0	18.16	-0.45	17.71	<=33.01	Pass
			50	18.14	-0.45	17.69	<=33.01	Pass
			99	18.06	-0.45	17.61	<=33.01	Pass
		50	0	18.08	-0.45	17.63	<=33.01	Pass
			25	18.04	-0.45	17.59	<=33.01	Pass
			50	17.96	-0.45	17.51	<=33.01	Pass
		100	0	18.01	-0.45	17.56	<=33.01	Pass
	2560	1	0	17.96	-0.45	17.51	<=33.01	Pass
			50	18.02	-0.45	17.57	<=33.01	Pass
			99	18.09	-0.45	17.64	<=33.01	Pass
		50	0	17.88	-0.45	17.43	<=33.01	Pass
			25	17.98	-0.45	17.53	<=33.01	Pass
			50	18.03	-0.45	17.58	<=33.01	Pass
		100	0	18.01	-0.45	17.56	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	LV	0.747	0.0003	-2.5 to 2.5	Pass
					NV	1.281	0.0005	-2.5 to 2.5	Pass
					HV	0.702	0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.511	-0.0002	-2.5 to 2.5	Pass
				-20	NV	-0.355	-0.0001	-2.5 to 2.5	Pass
				-10	NV	0.542	0.0002	-2.5 to 2.5	Pass
				0	NV	1.213	0.0005	-2.5 to 2.5	Pass
				10	NV	0.855	0.0003	-2.5 to 2.5	Pass
				30	NV	1.034	0.0004	-2.5 to 2.5	Pass
				40	NV	0.590	0.0002	-2.5 to 2.5	Pass
				50	NV	1.551	0.0006	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

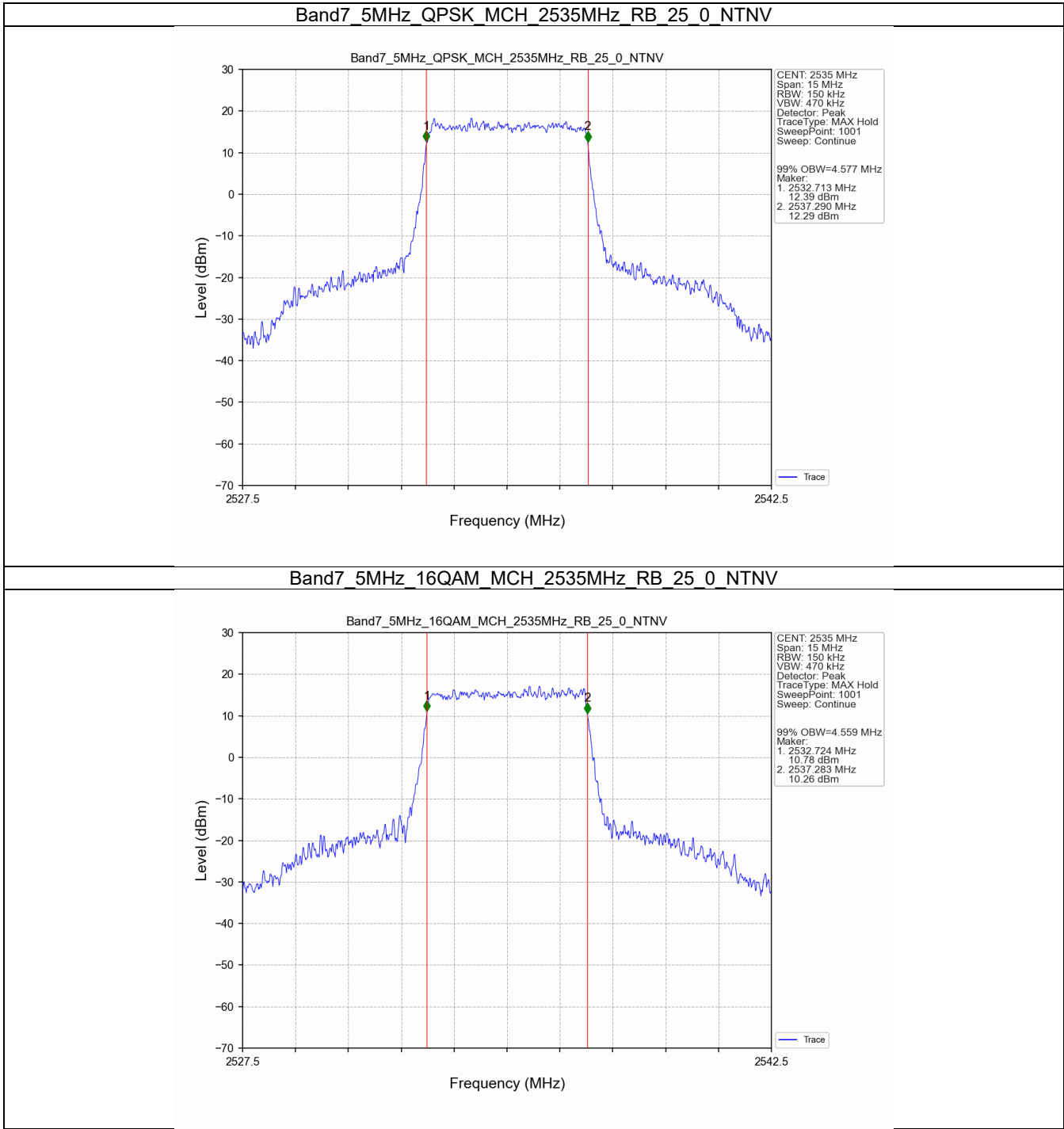
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.577	/	Pass
	16QAM	2535	25	0	4.559	/	Pass
	64QAM	2535	25	0	4.568	/	Pass
	256QAM	2535	25	0	4.566	/	Pass
10	QPSK	2535	50	0	9.102	/	Pass
	16QAM	2535	50	0	9.109	/	Pass
	64QAM	2535	50	0	9.114	/	Pass
	256QAM	2535	50	0	9.061	/	Pass
15	QPSK	2535	75	0	13.648	/	Pass
	16QAM	2535	75	0	13.650	/	Pass
	64QAM	2535	75	0	13.635	/	Pass
	256QAM	2535	75	0	13.621	/	Pass
20	QPSK	2535	100	0	18.159	/	Pass
	16QAM	2535	100	0	18.198	/	Pass
	64QAM	2535	100	0	18.151	/	Pass
	256QAM	2535	100	0	18.141	/	Pass

3.1.2 Band7_XDB

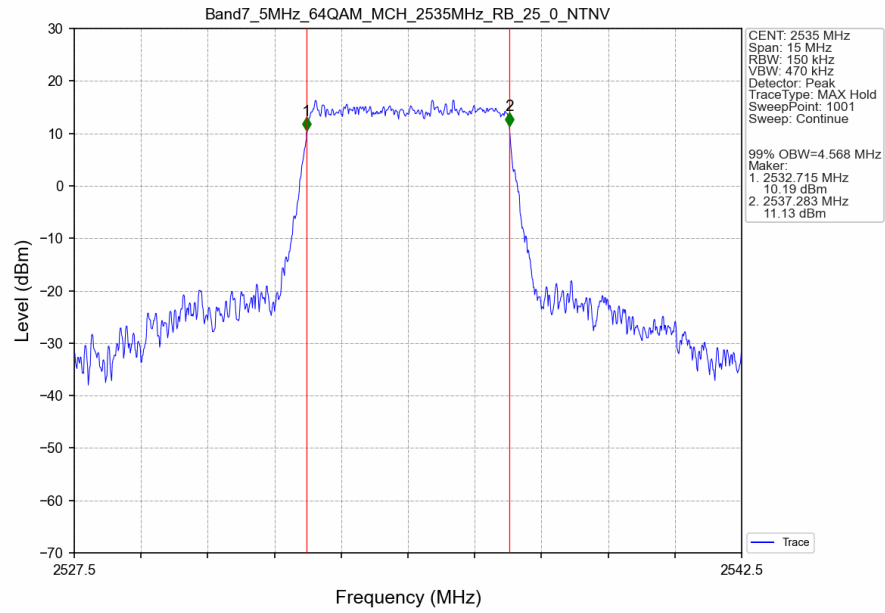
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.215	/	Pass
	16QAM	2535	25	0	5.216	/	Pass
	64QAM	2535	25	0	5.267	/	Pass
	256QAM	2535	25	0	5.236	/	Pass
10	QPSK	2535	50	0	10.225	/	Pass
	16QAM	2535	50	0	10.338	/	Pass
	64QAM	2535	50	0	10.225	/	Pass
	256QAM	2535	50	0	10.270	/	Pass
15	QPSK	2535	75	0	15.329	/	Pass
	16QAM	2535	75	0	15.233	/	Pass
	64QAM	2535	75	0	15.297	/	Pass
	256QAM	2535	75	0	15.219	/	Pass
20	QPSK	2535	100	0	19.921	/	Pass
	16QAM	2535	100	0	20.165	/	Pass
	64QAM	2535	100	0	20.076	/	Pass
	256QAM	2535	100	0	20.092	/	Pass

3.2 Test Graph

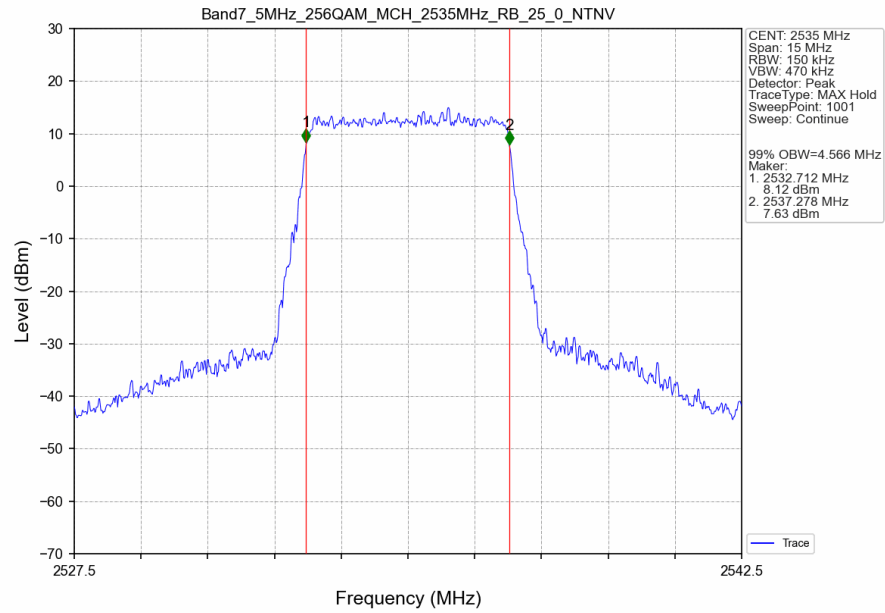
3.2.1 Band7_OBW



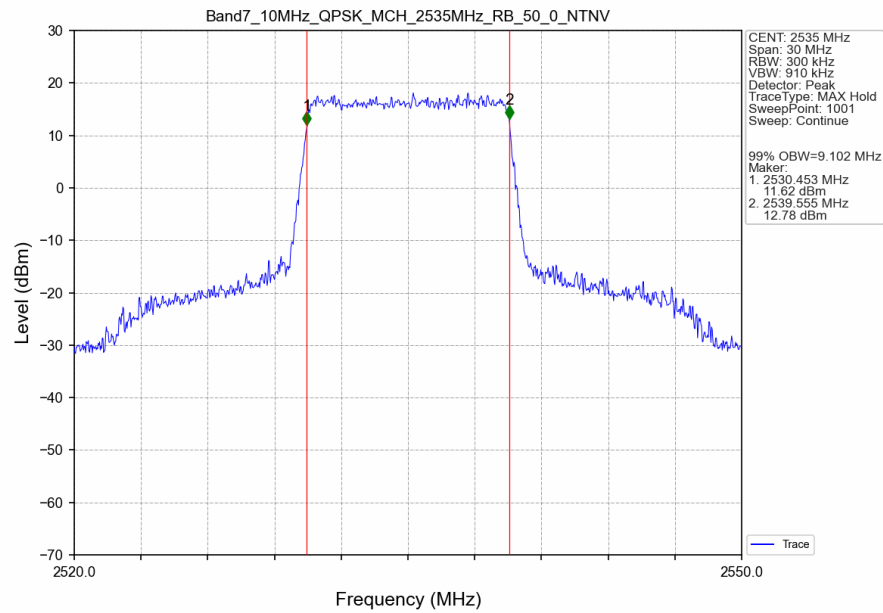
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



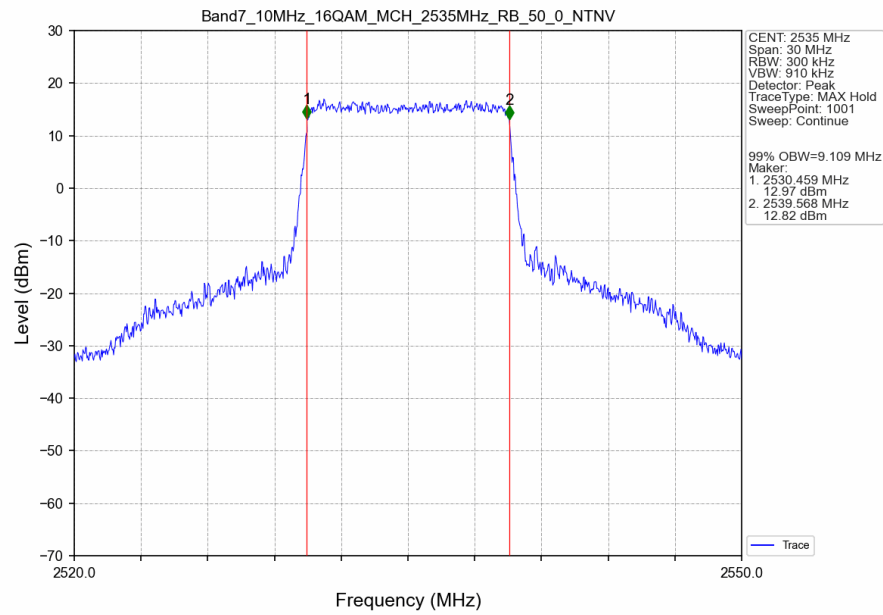
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTNV



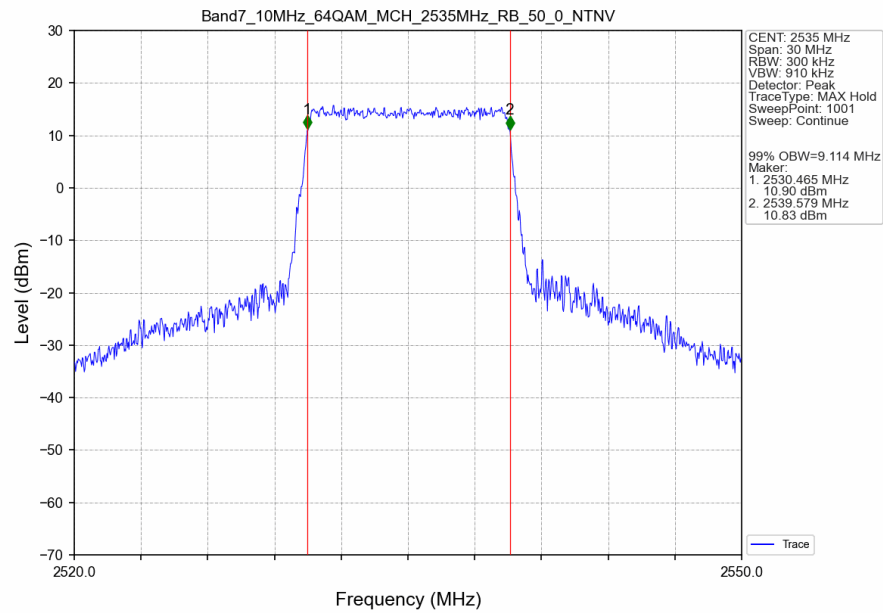
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



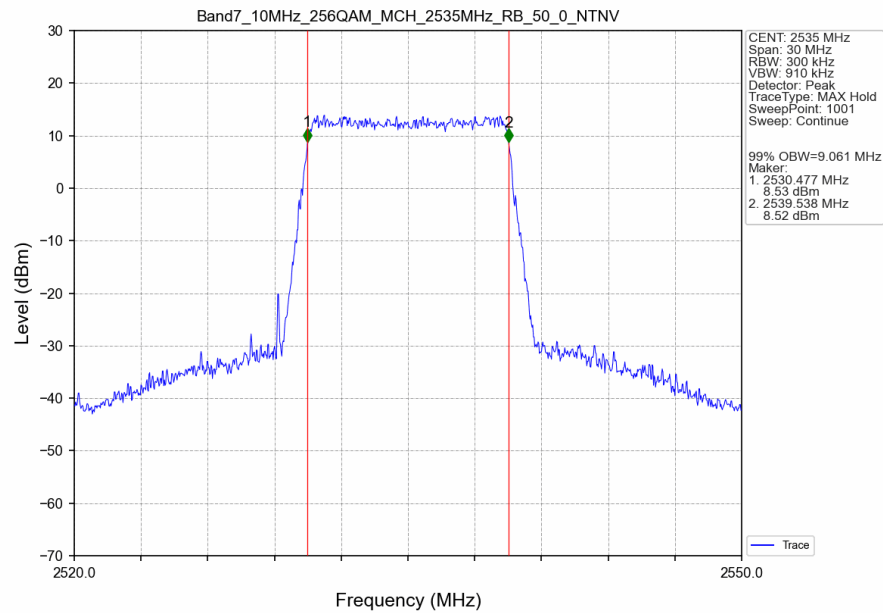
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



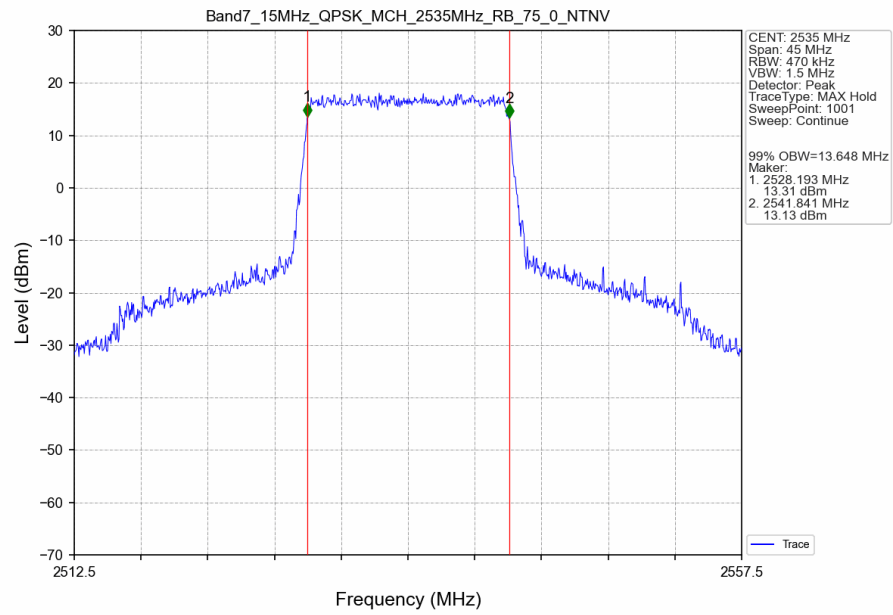
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTV



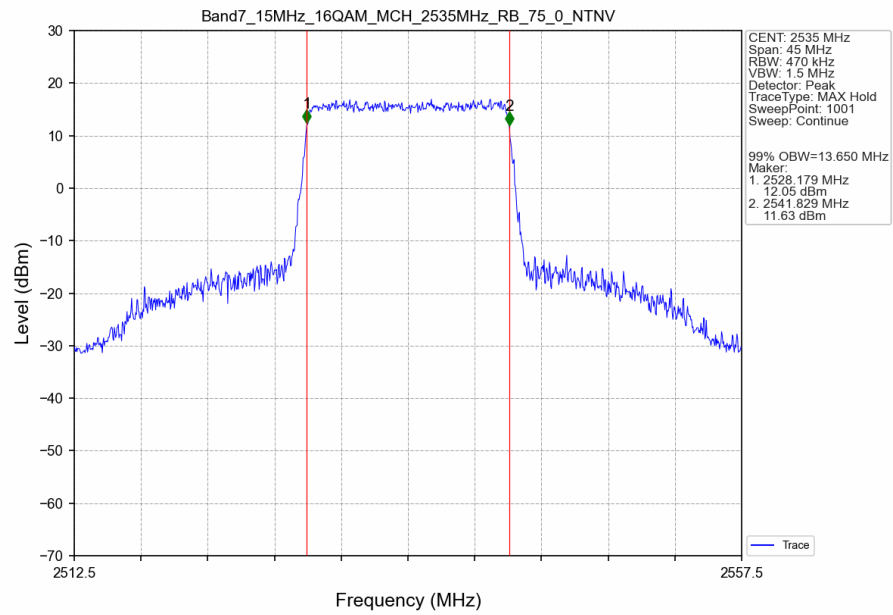
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTV



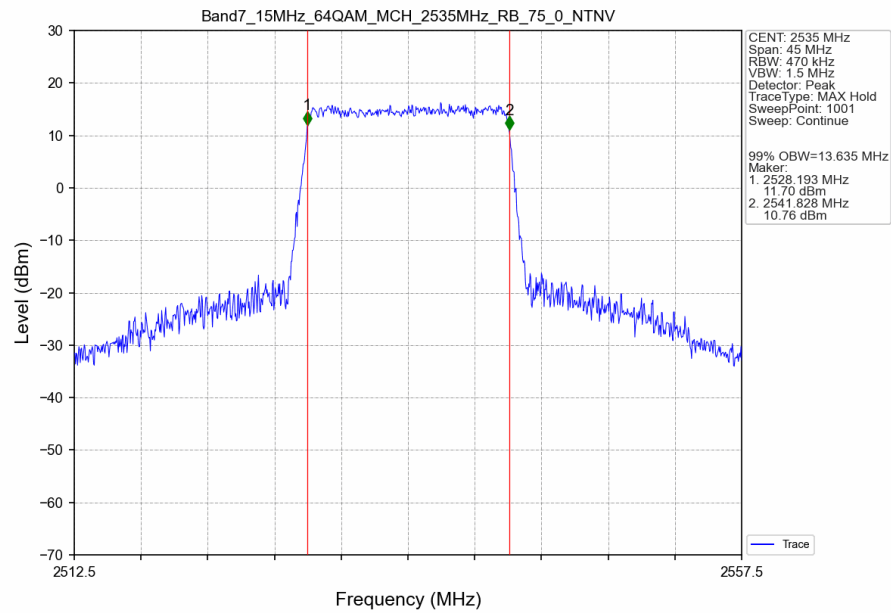
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



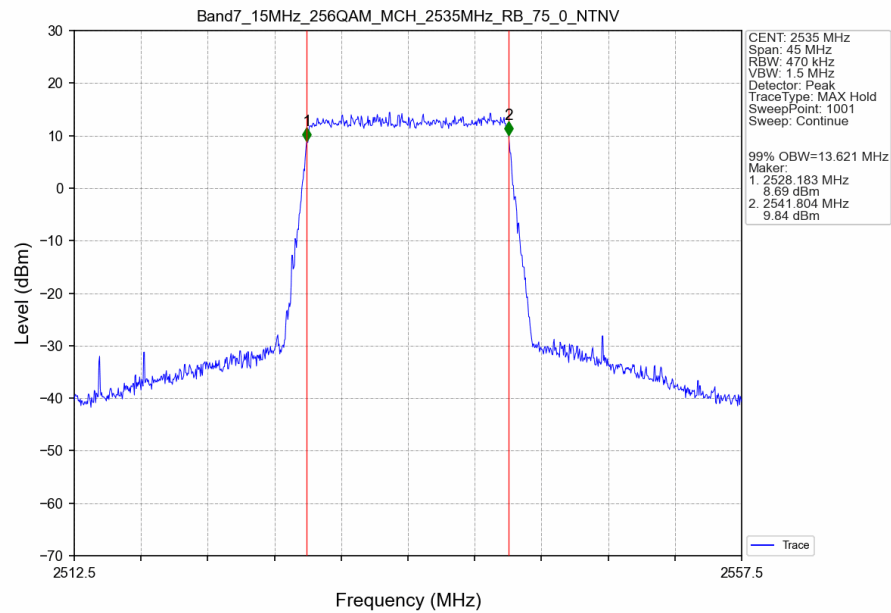
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



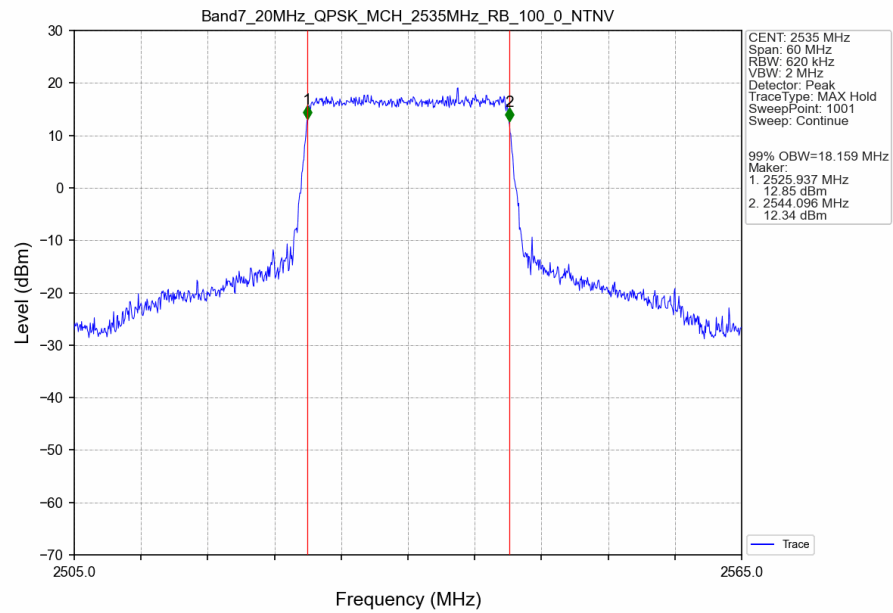
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTN



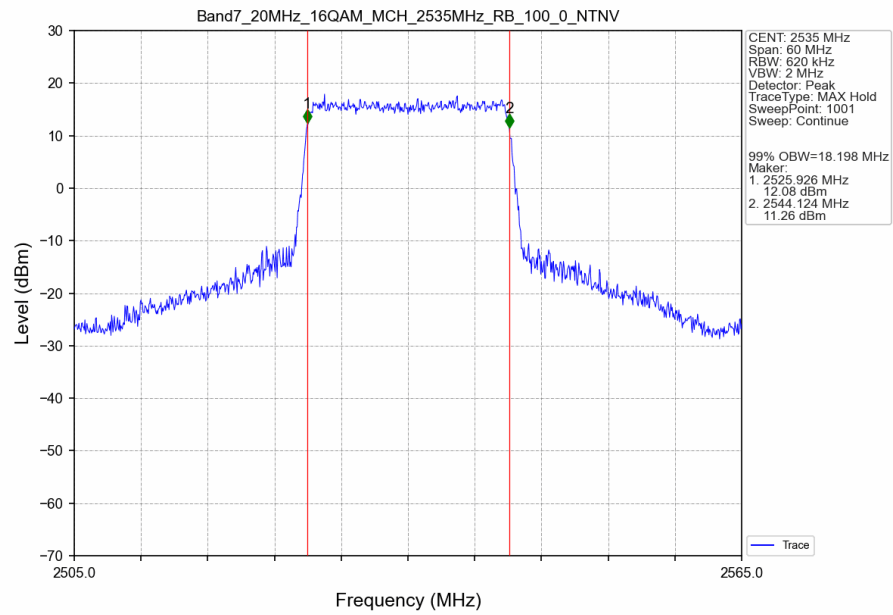
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTN



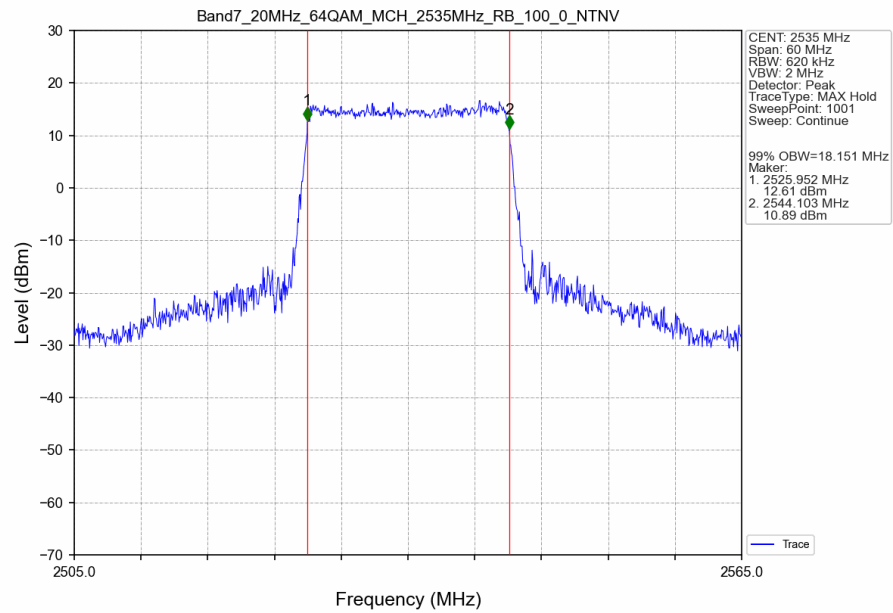
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



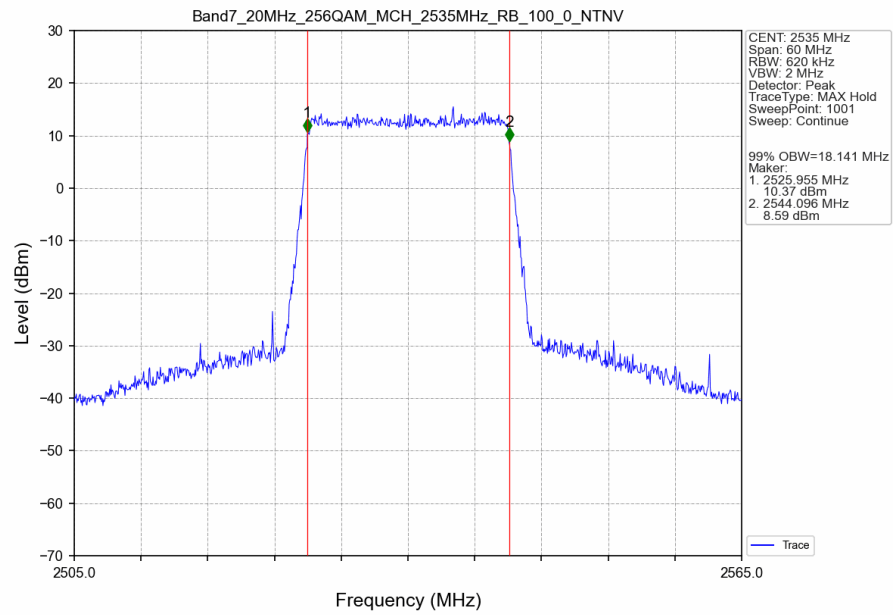
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



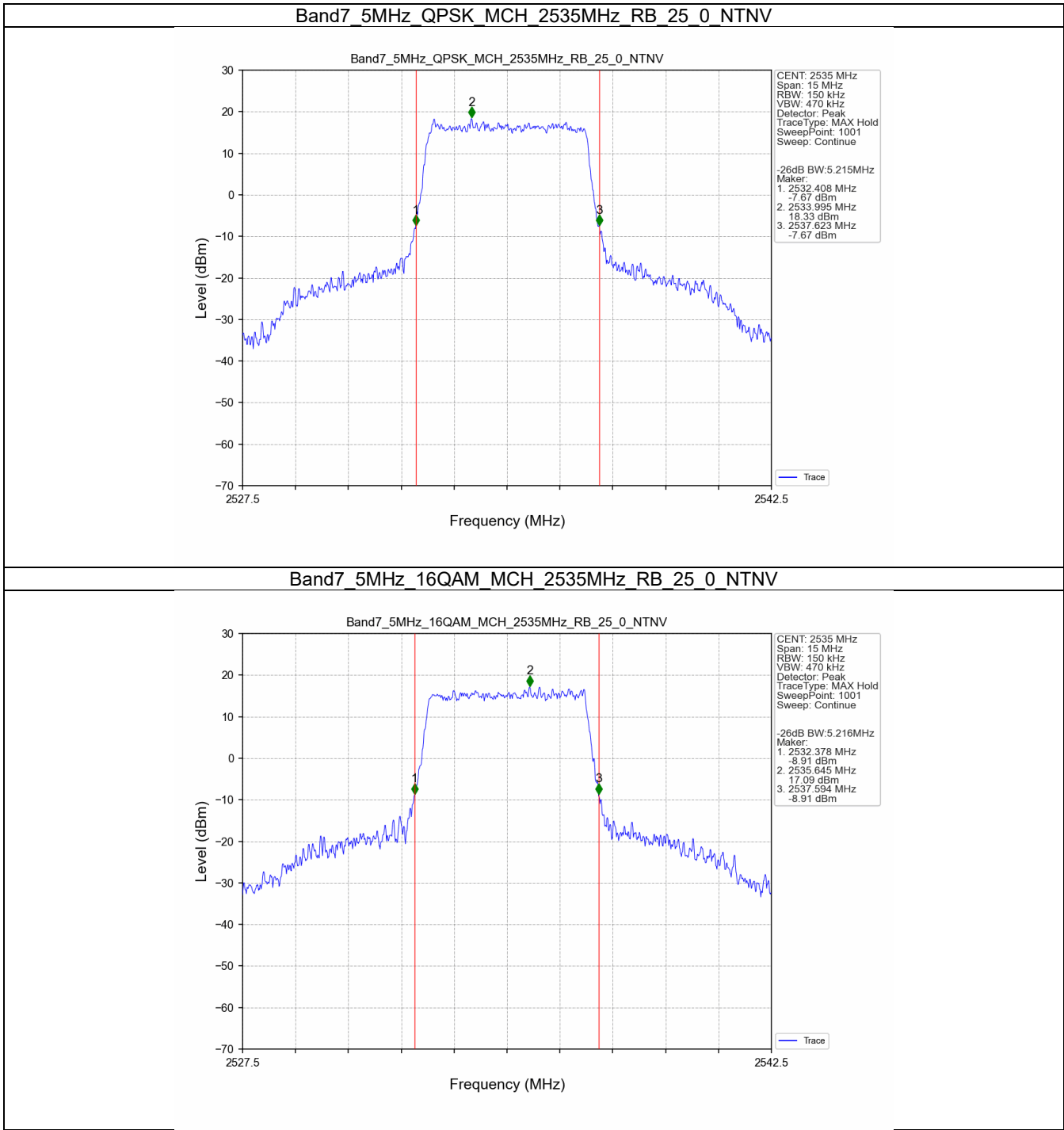
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN



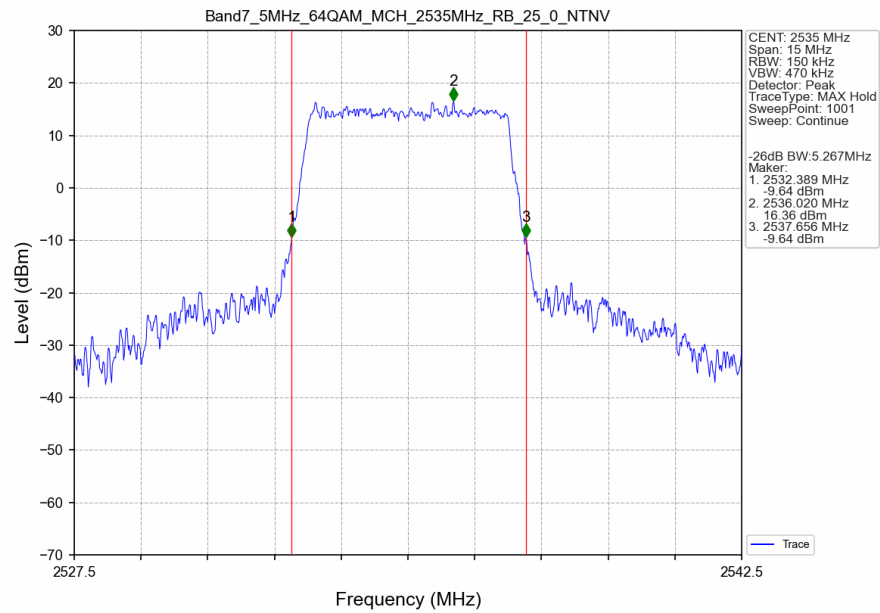
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTN



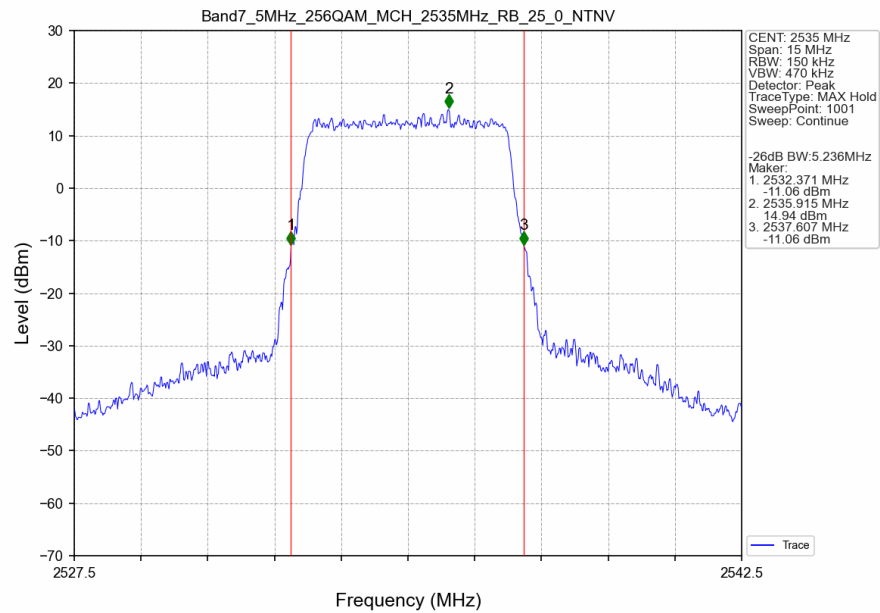
3.2.2 Band7_XDB



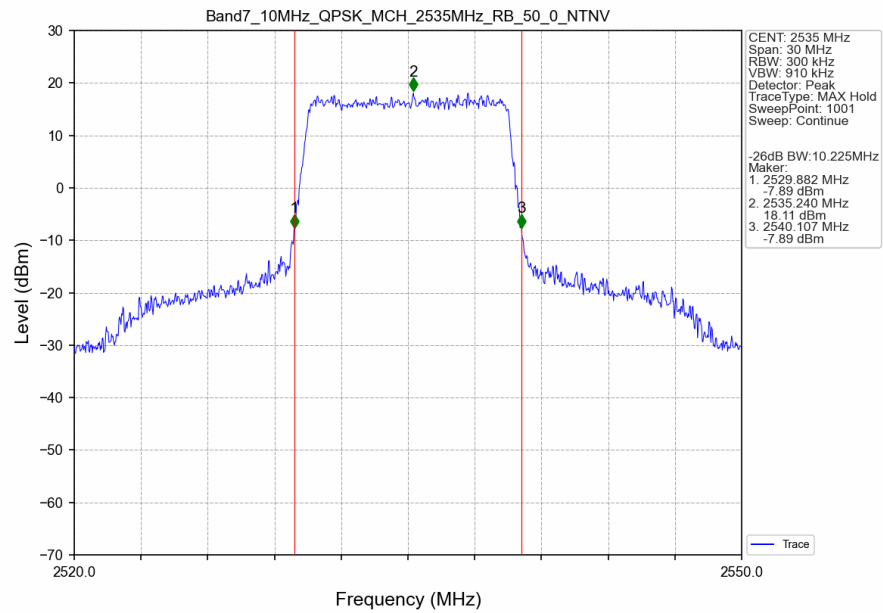
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTN



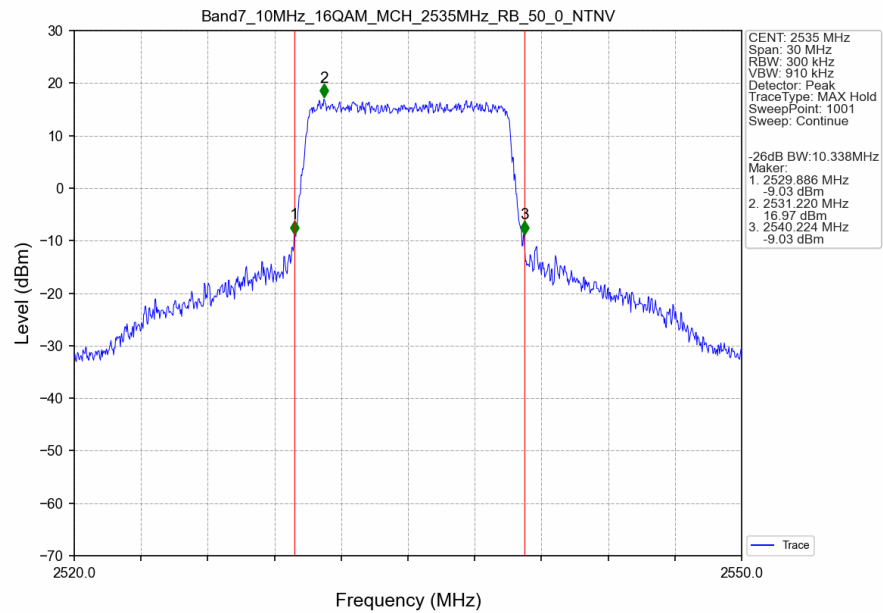
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTN



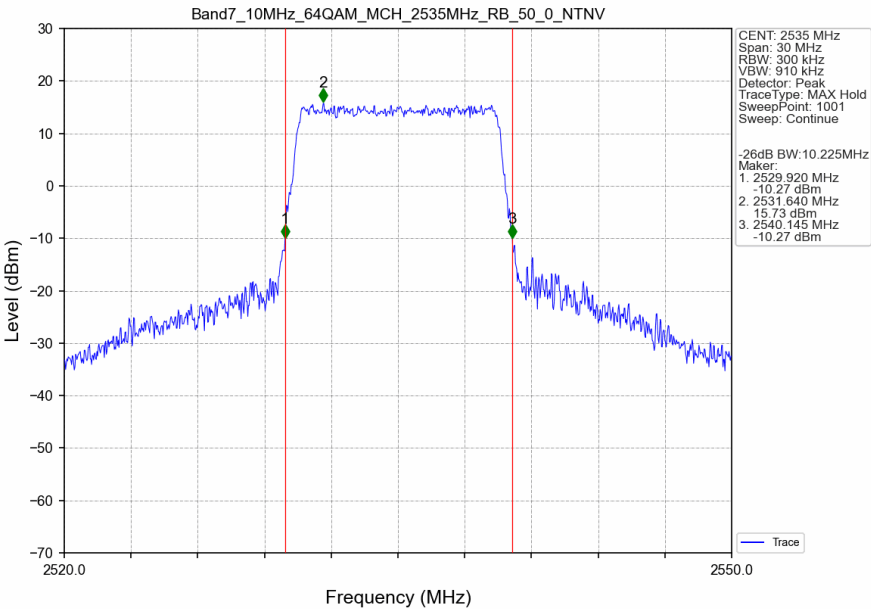
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



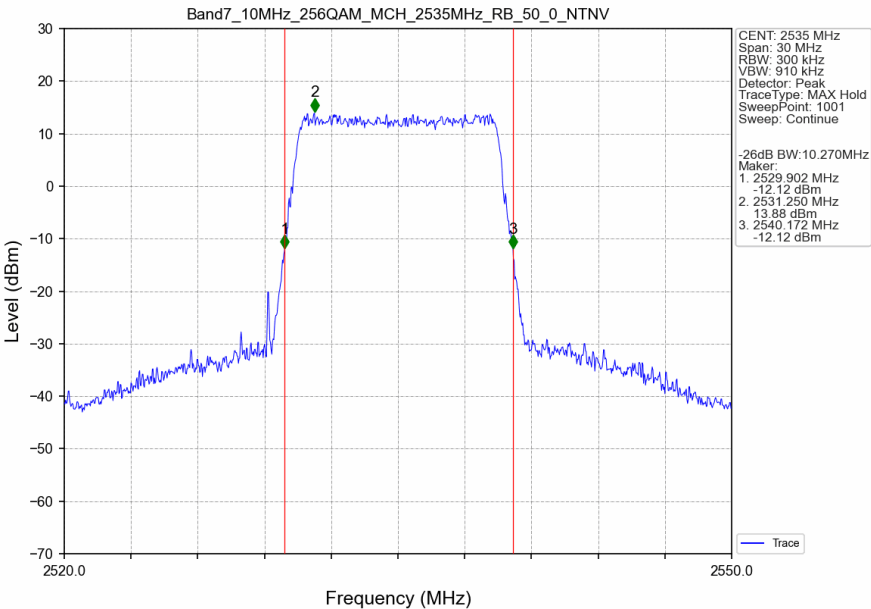
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



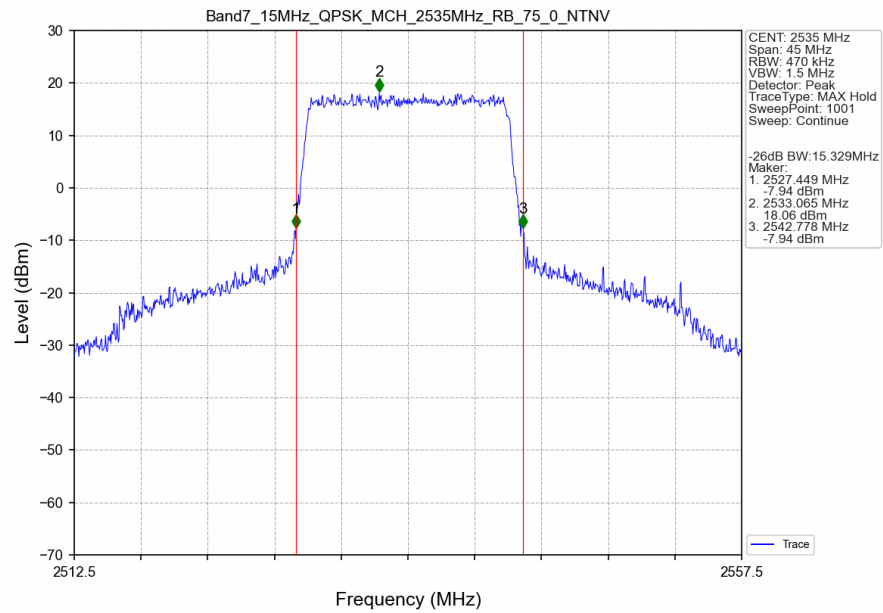
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTV



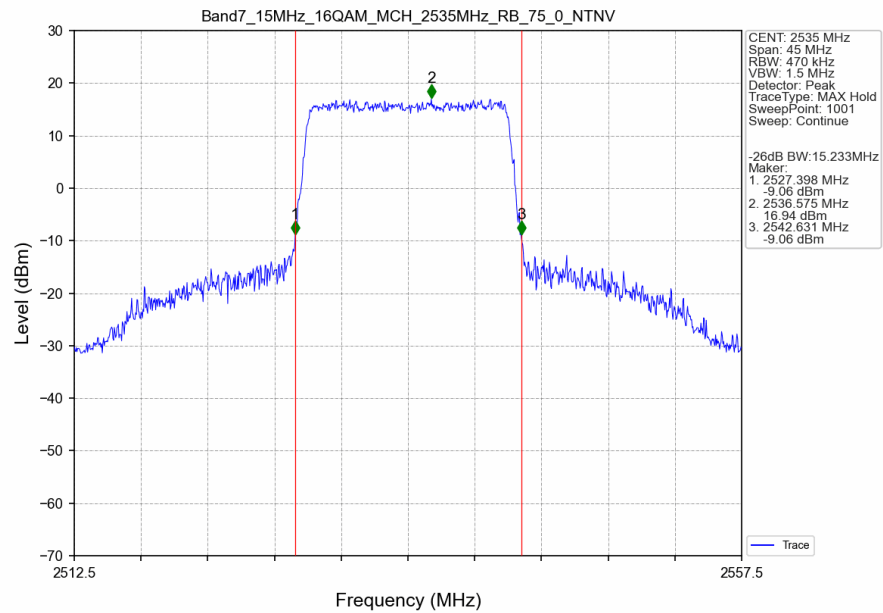
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTV



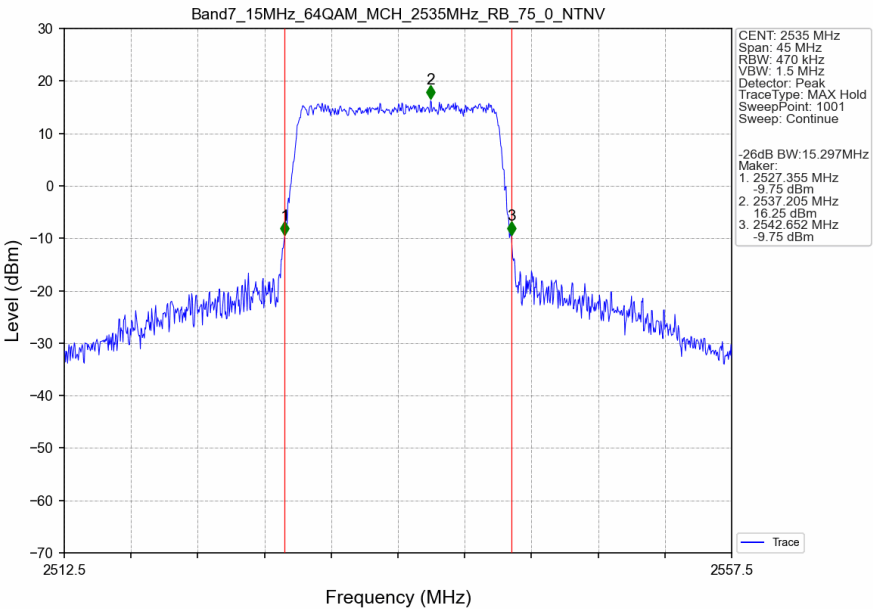
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



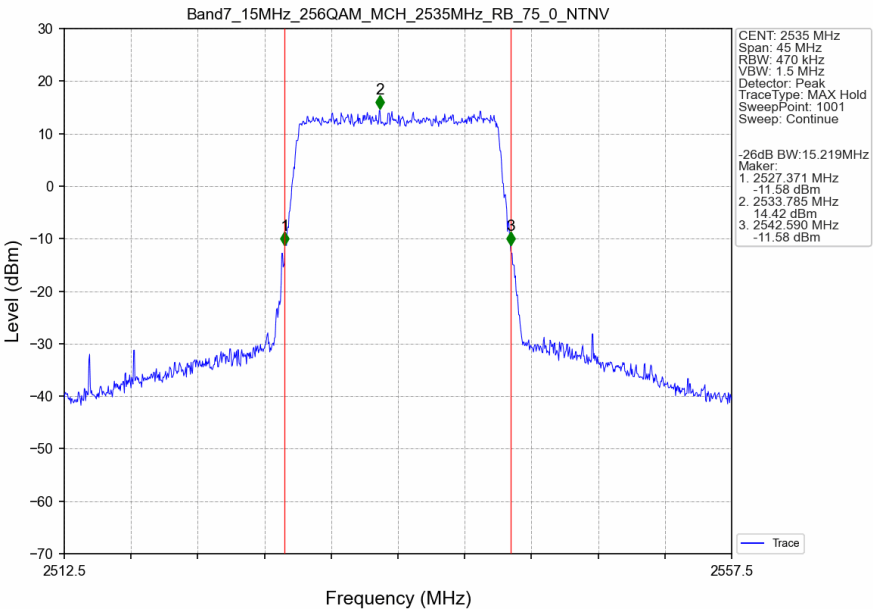
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



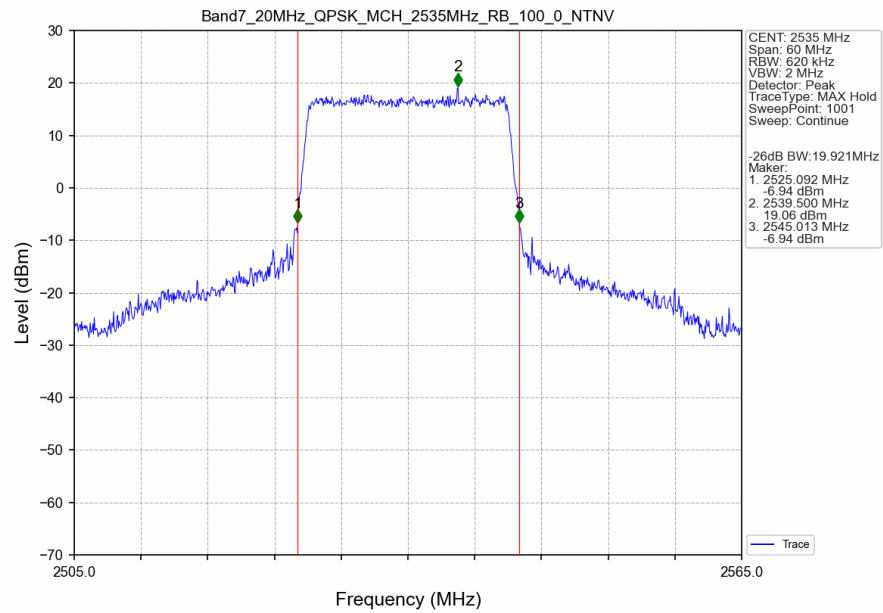
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTN



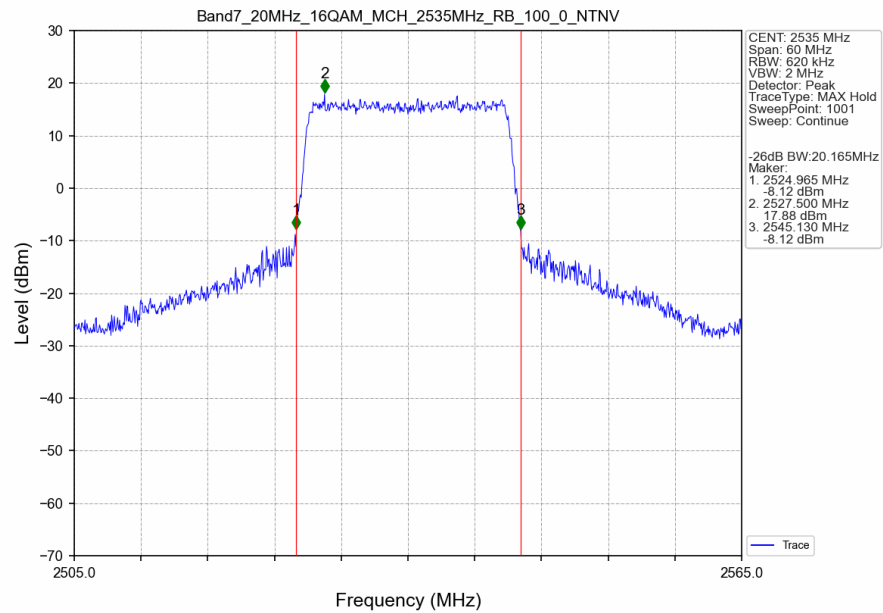
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTN



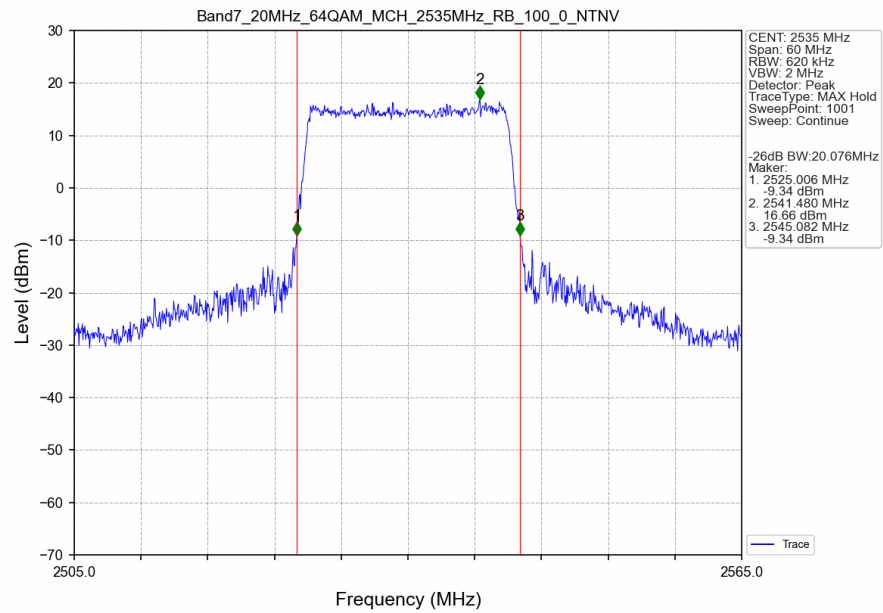
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTN



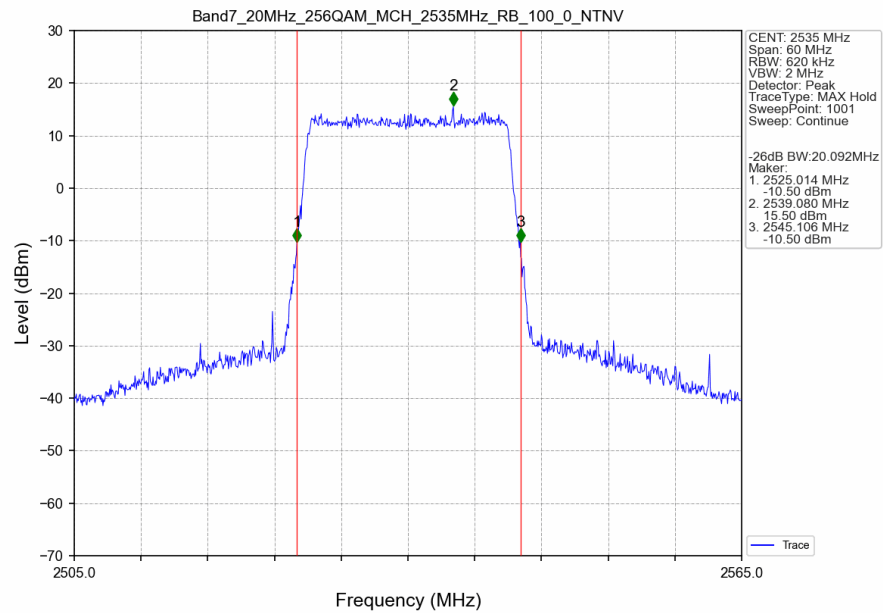
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



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



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



4. Peak-Average Ratio

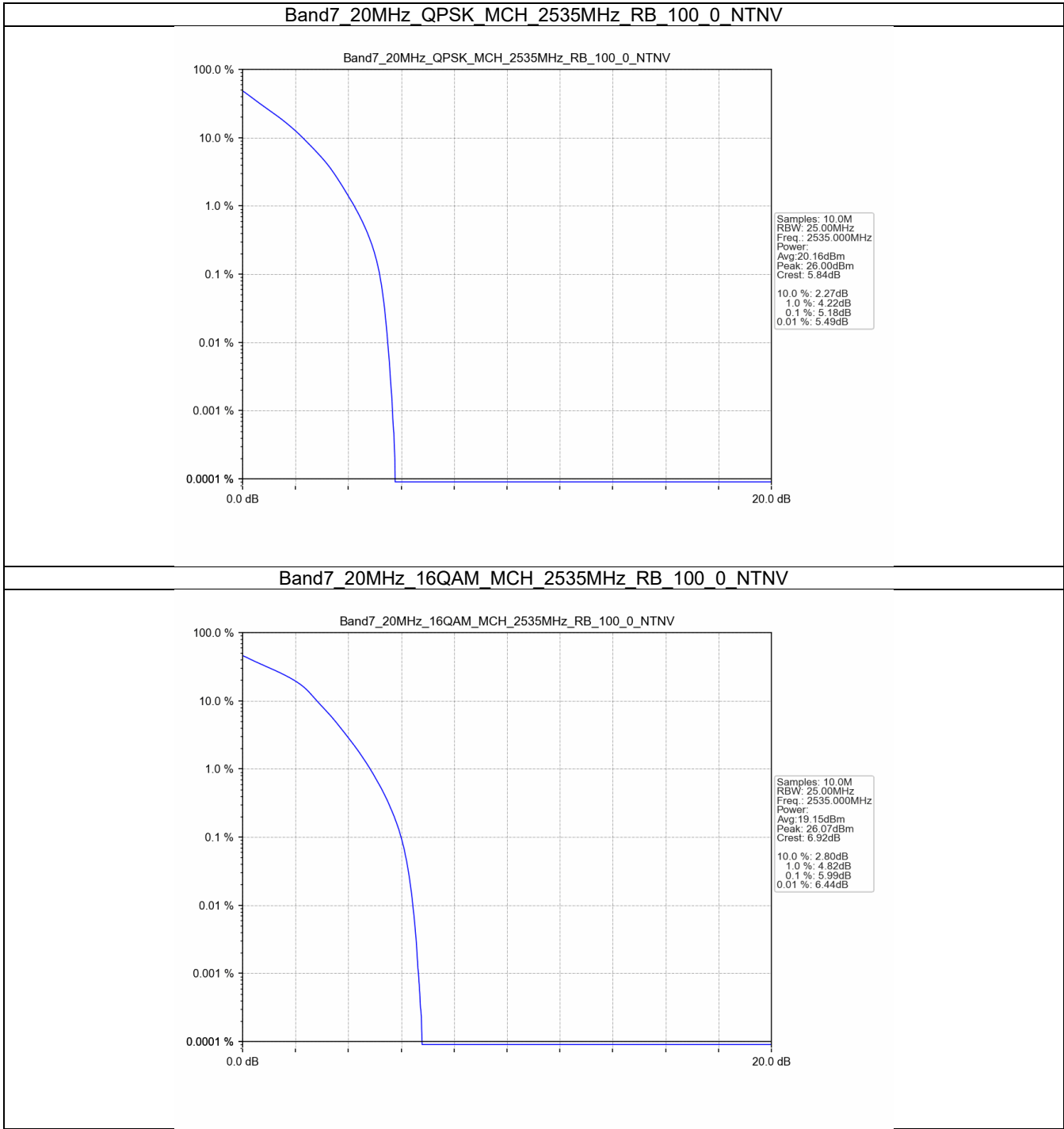
4.1 Test Result

4.1.1 B7_20MHz

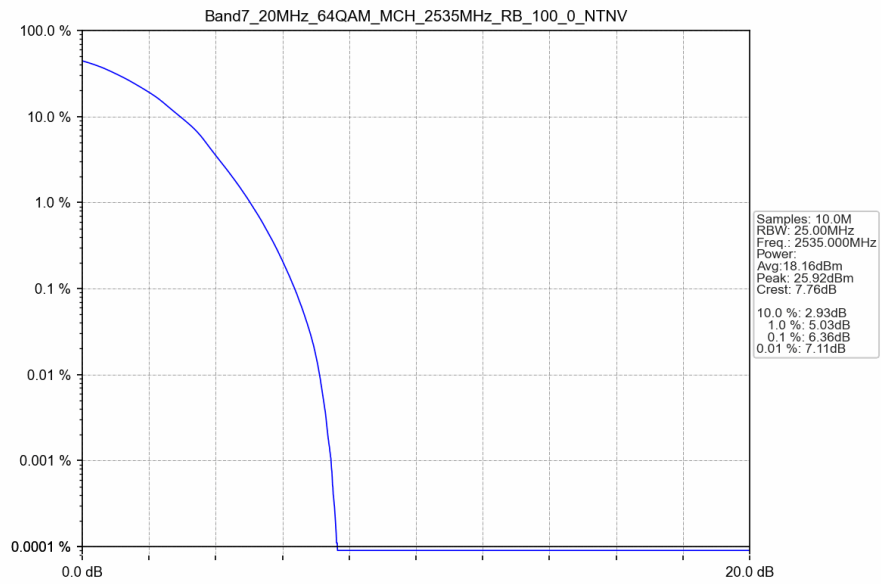
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.18	<=13	Pass
16QAM	2535	100	0	5.99	<=13	Pass
64QAM	2535	100	0	6.36	<=13	Pass
256QAM	2535	100	0	6.59	<=13	Pass

4.2 Test Graph

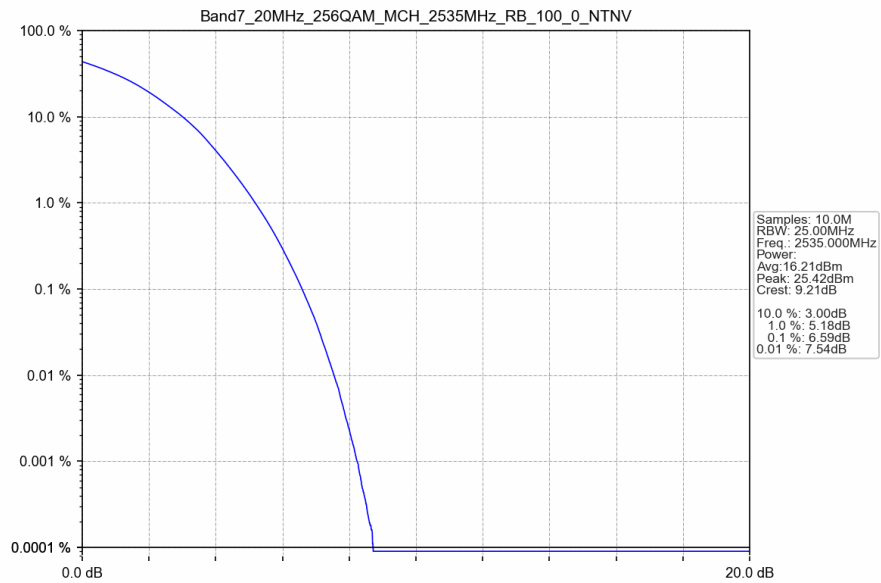
4.2.1 B7_20MHz



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

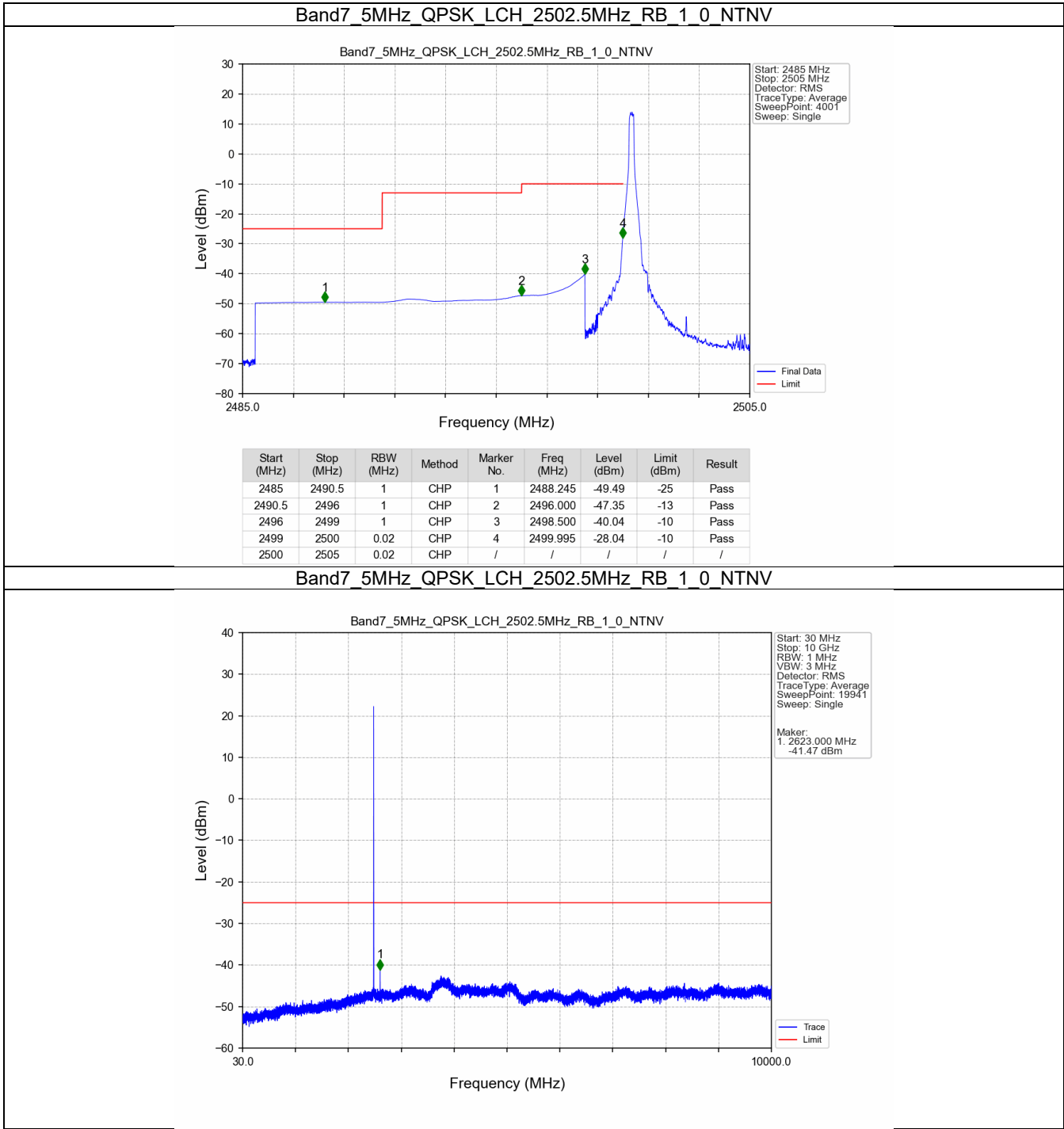
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

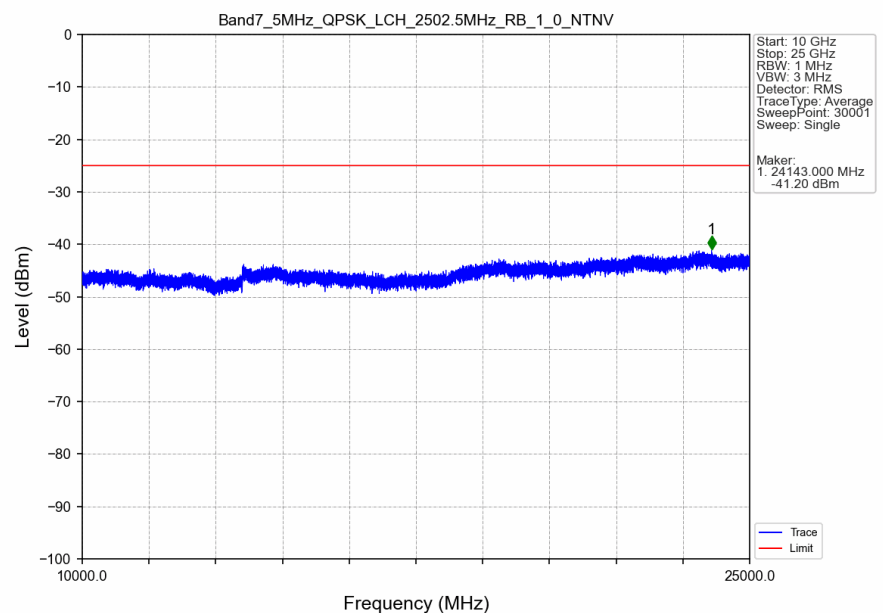
Band: 7 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

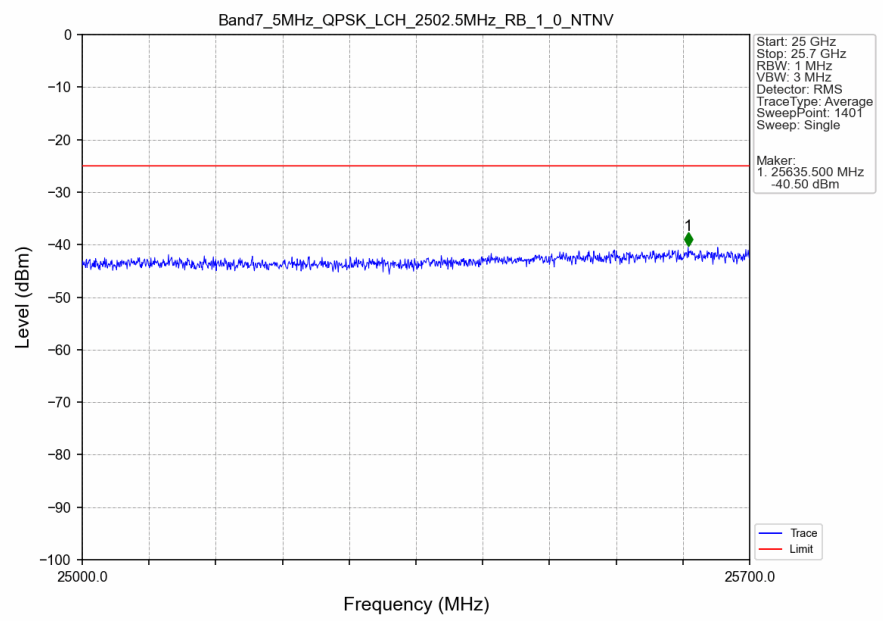
5.2.1 B7_5MHz



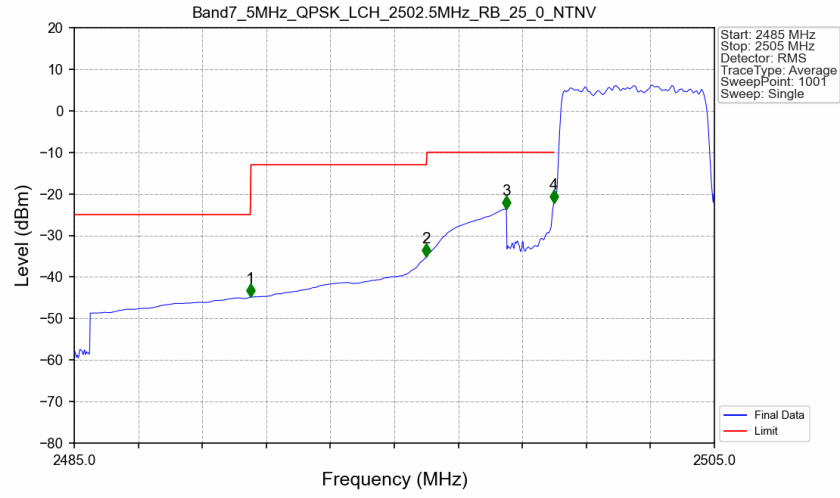
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

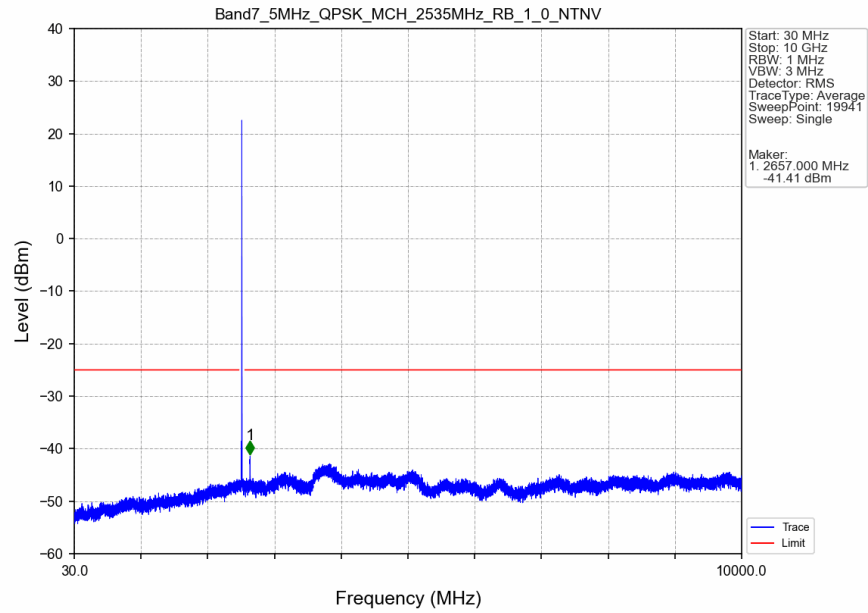


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV

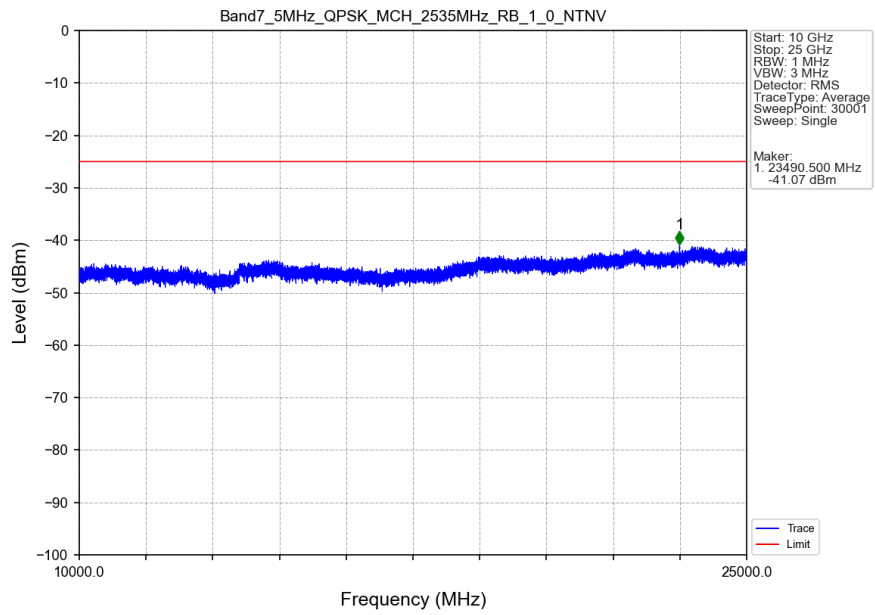


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-44.86	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-35.18	-13	Pass
2496	2499	1	CHP	3	2498.500	-23.61	-10	Pass
2499	2500	0.105	CHP	4	2499.980	-22.25	-10	Pass
2500	2505	0.105	CHP	/	/	/	/	/

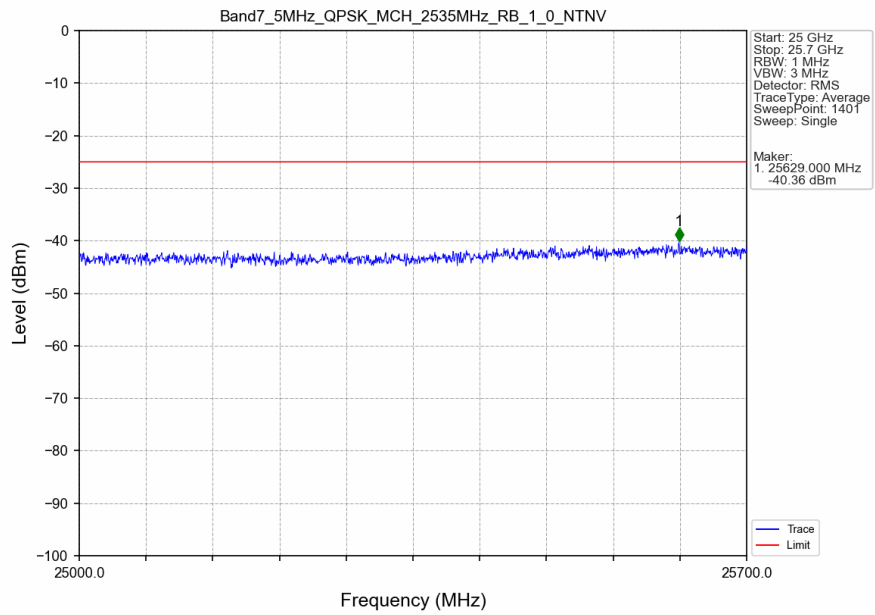
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



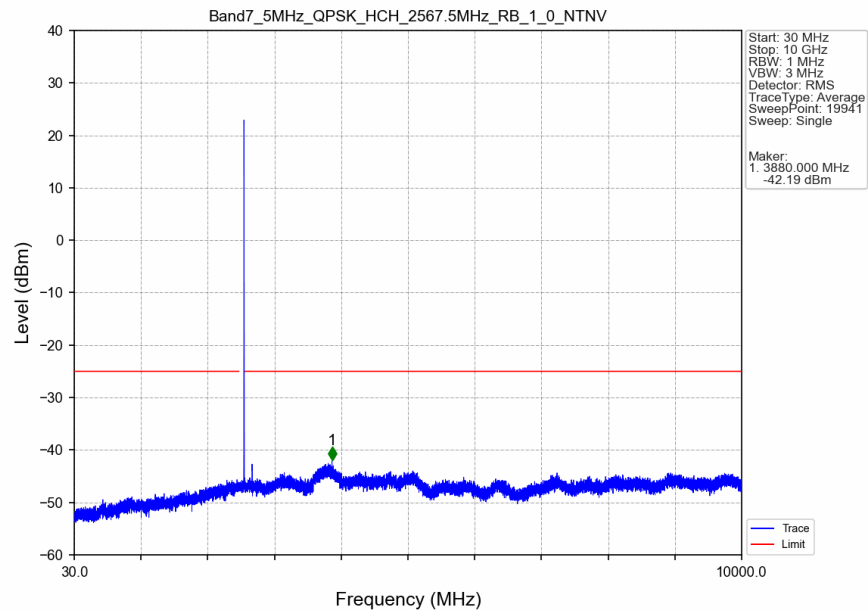
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



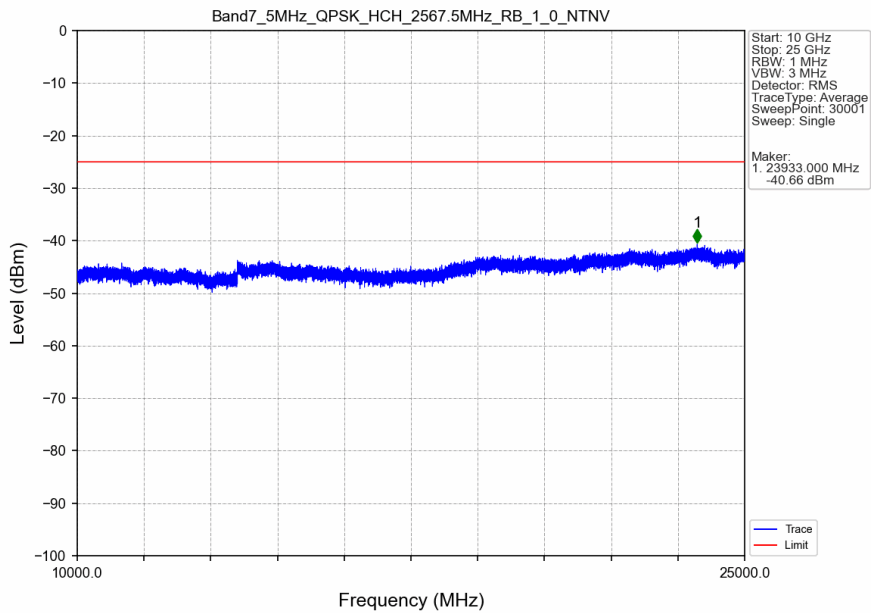
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



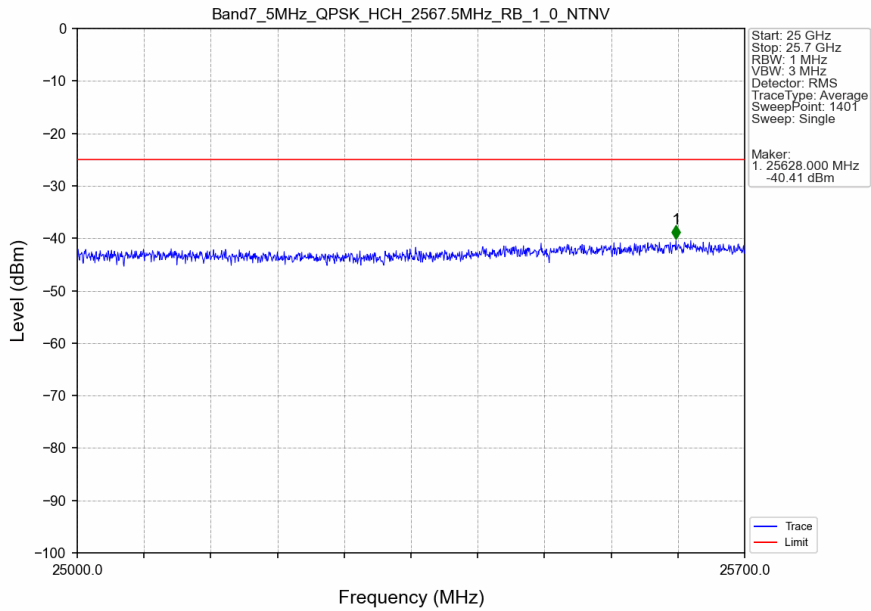
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



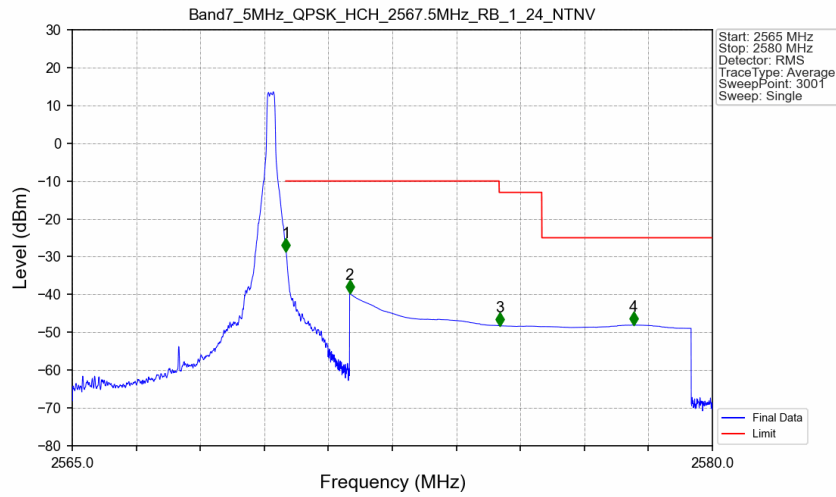
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

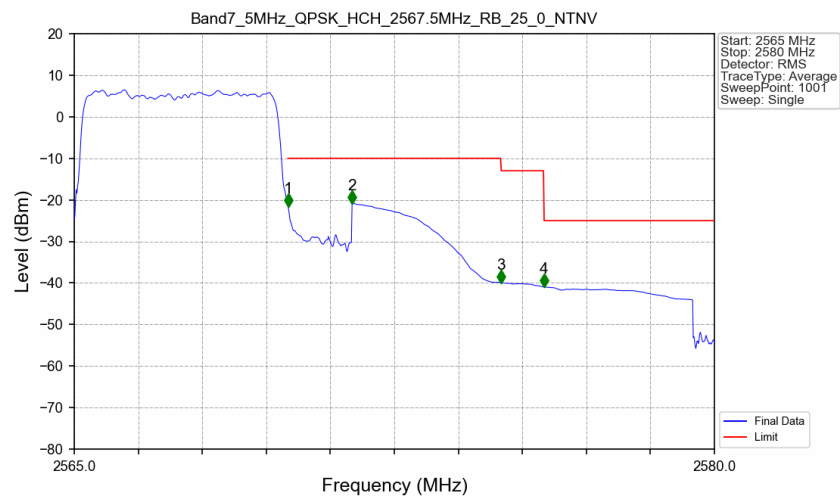


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



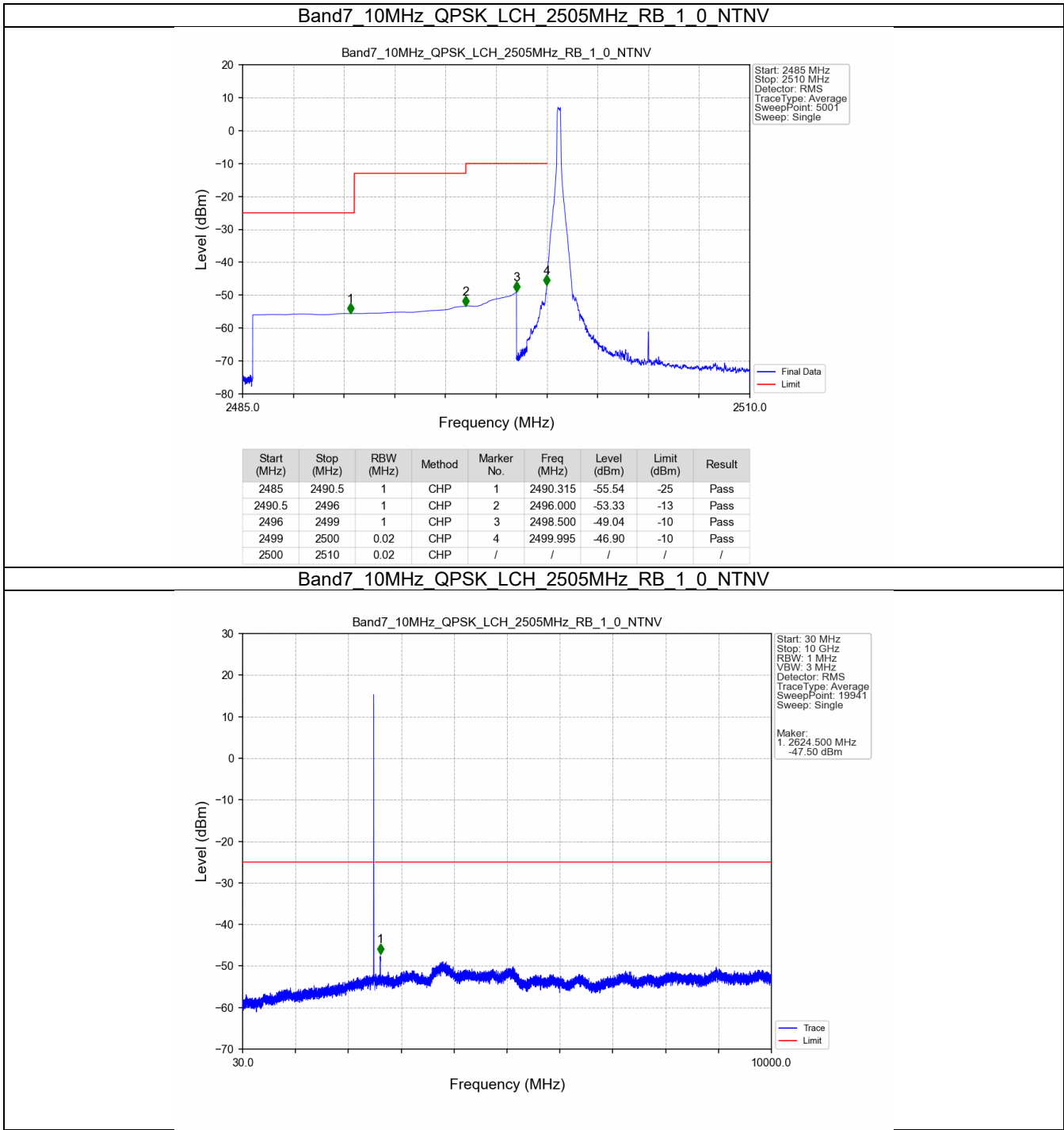
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.61	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.68	-10	Pass
2575	2576	1	CHP	3	2575.010	-48.24	-13	Pass
2576	2580	1	CHP	4	2578.155	-48.05	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

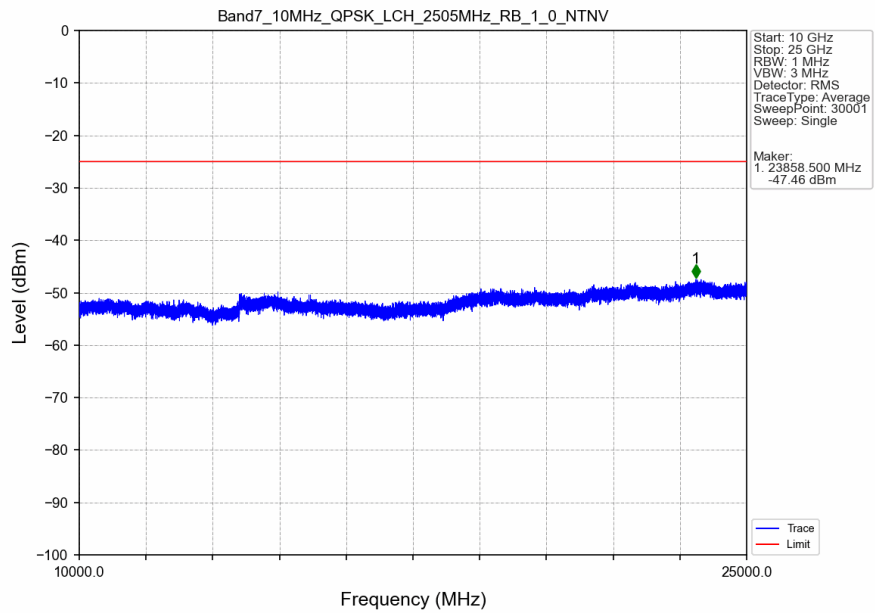


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.105	CHP	/	/	/	/	/
2570	2571	0.105	CHP	1	2570.010	-21.71	-10	Pass
2571	2575	1	CHP	2	2571.510	-20.85	-10	Pass
2575	2576	1	CHP	3	2575.005	-39.97	-13	Pass
2576	2580	1	CHP	4	2576.010	-40.99	-25	Pass

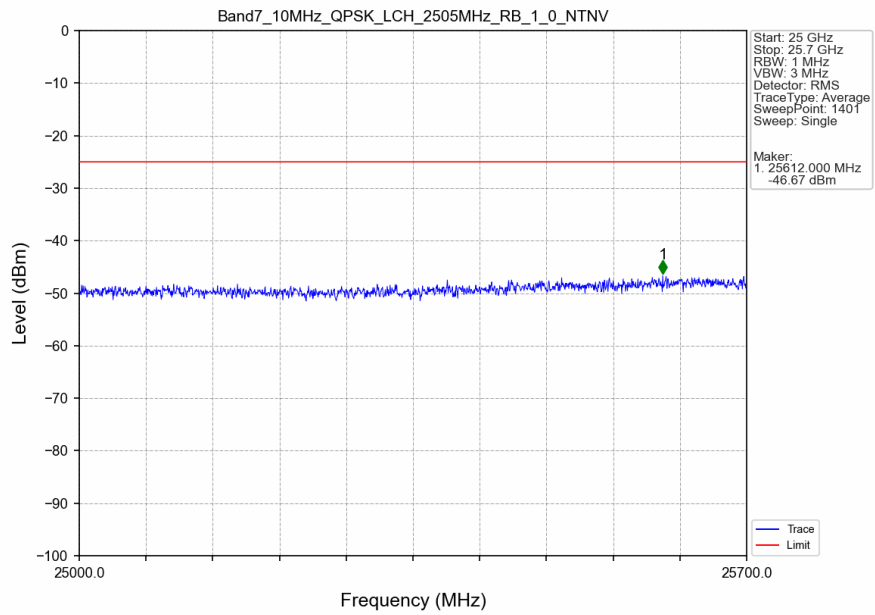
5.2.2 B7_10MHz



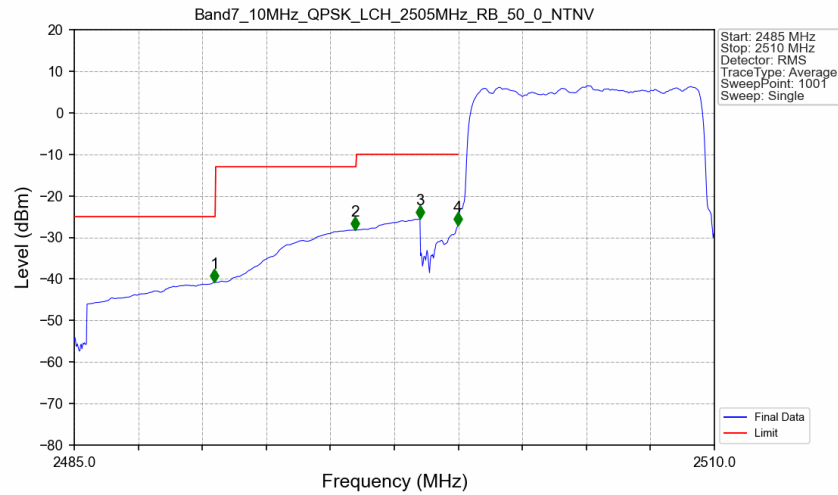
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN



Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN

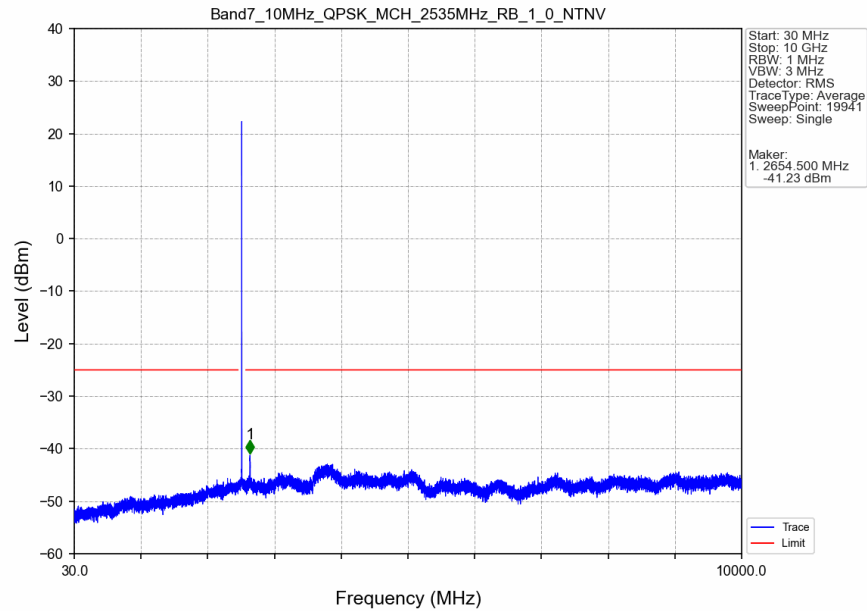


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

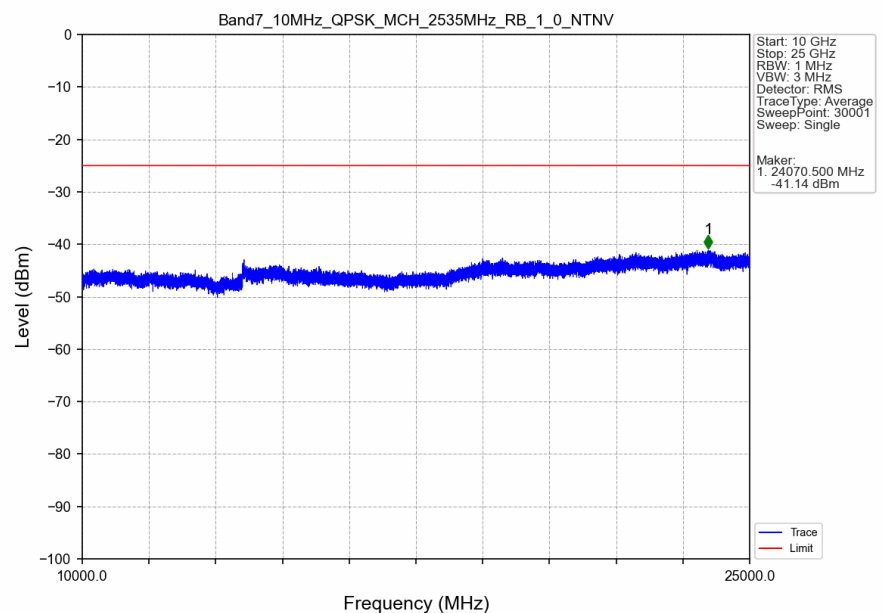


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-40.75	-25	Pass
2490.5	2496	1	CHP	2	2495.975	-28.21	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.50	-10	Pass
2499	2500	0.207	CHP	4	2499.975	-27.19	-10	Pass
2500	2510	0.207	CHP	/	/	/	/	/

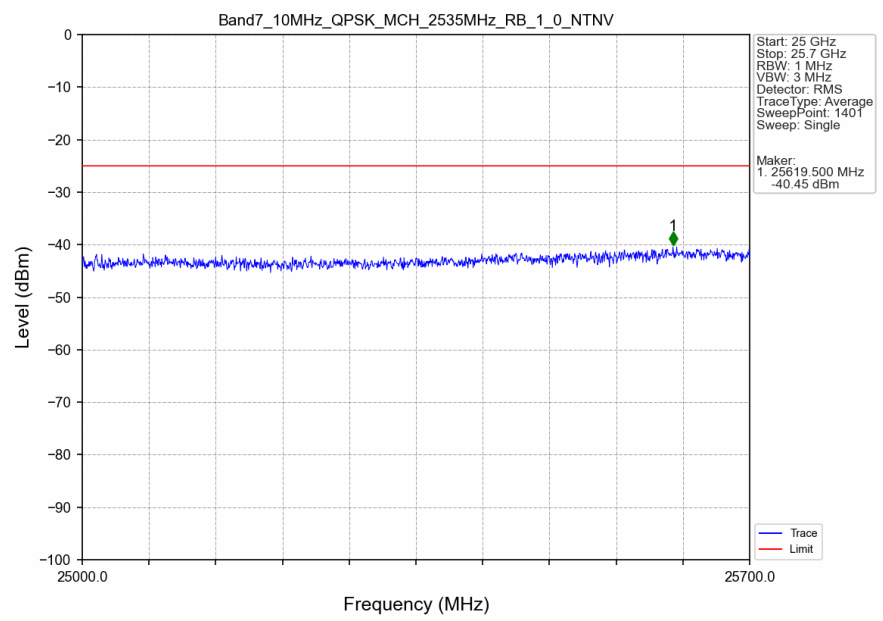
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



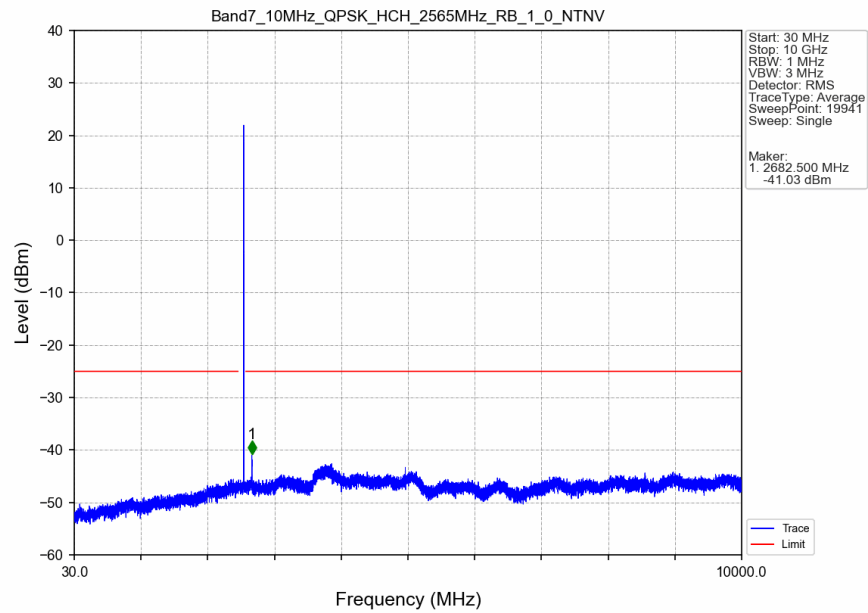
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



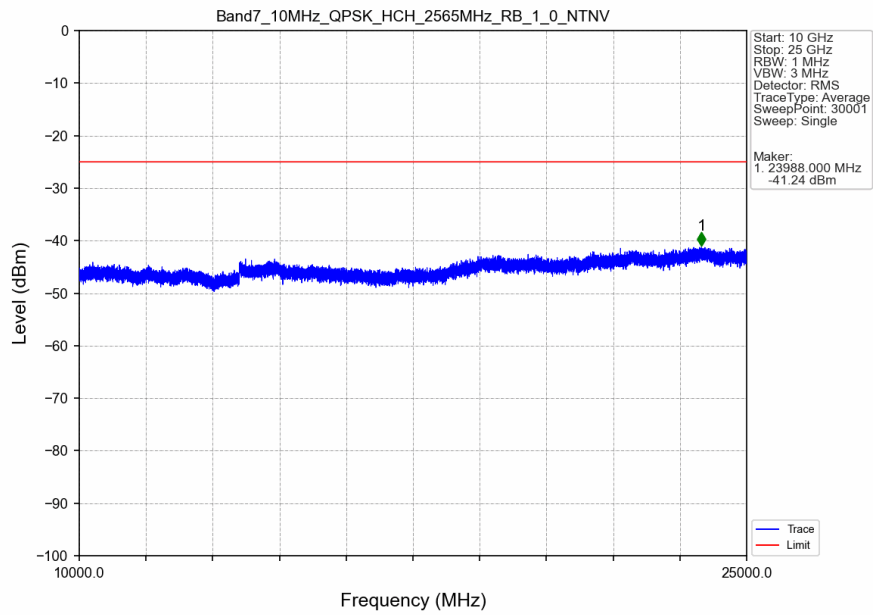
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



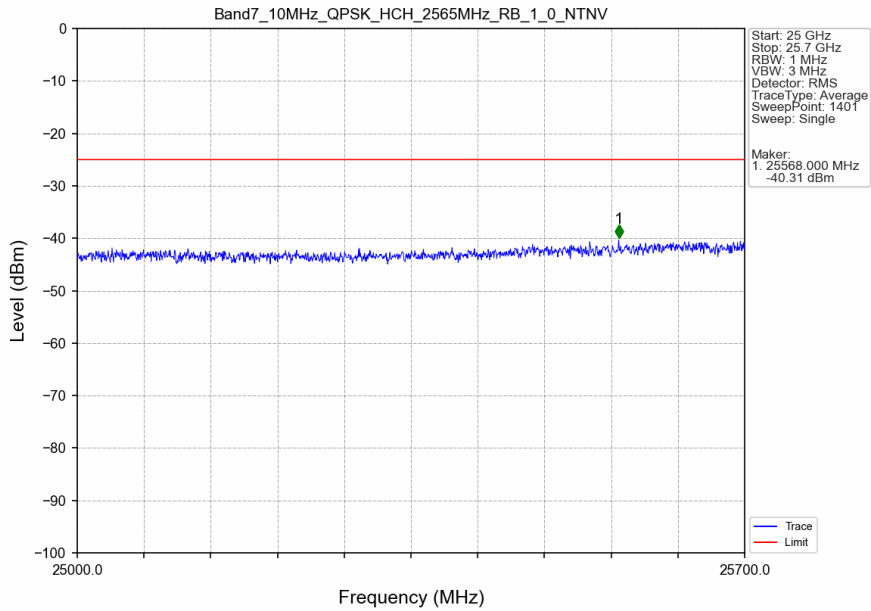
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



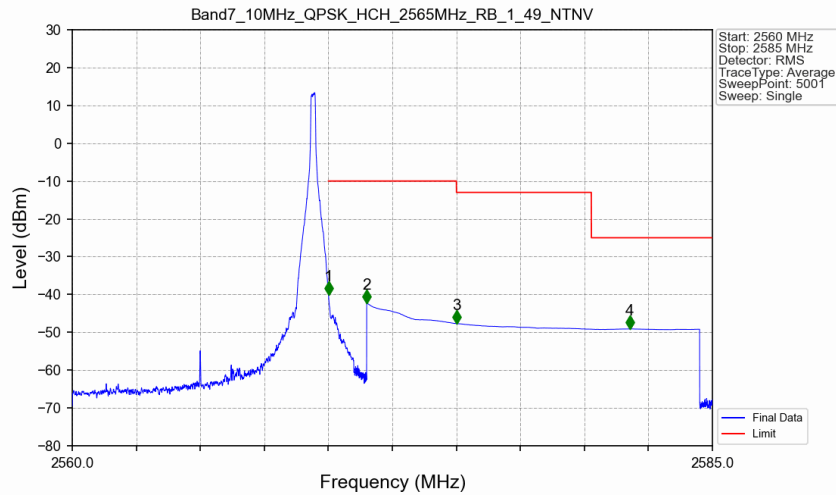
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

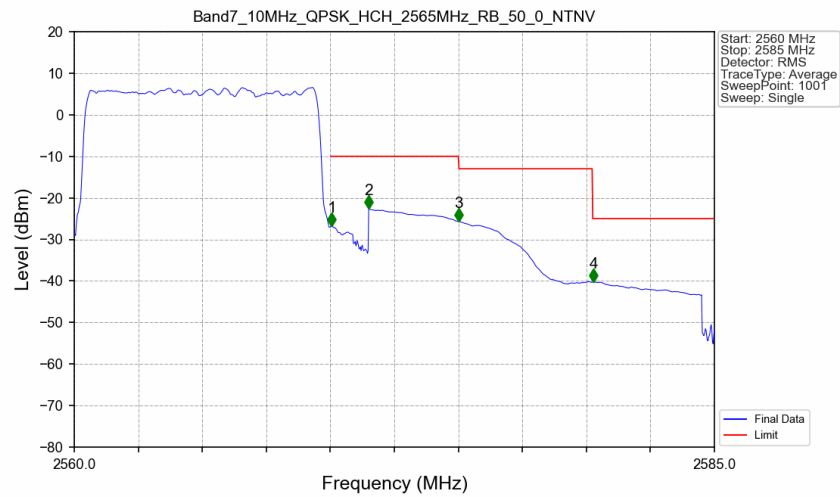


Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



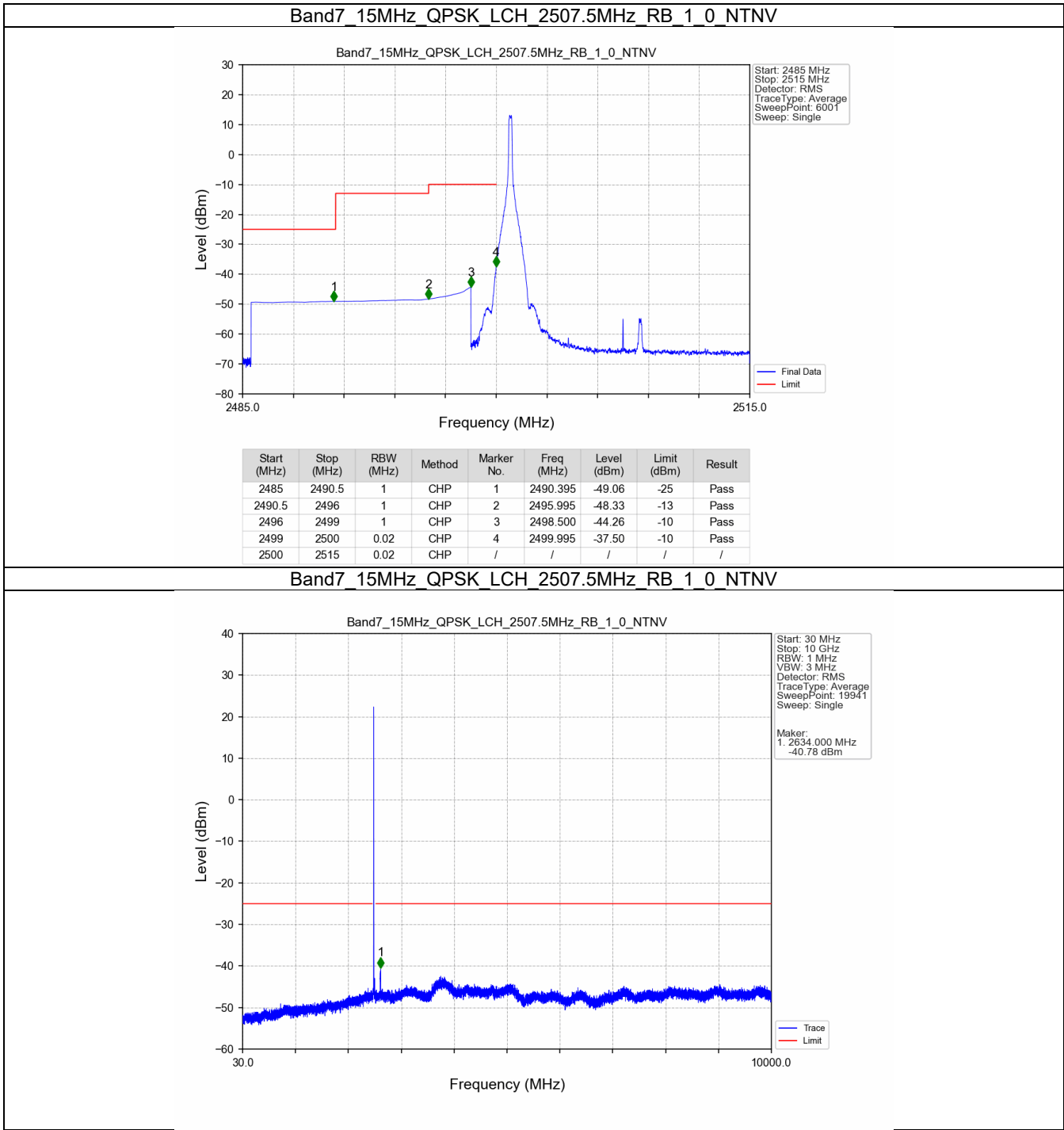
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-40.11	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.33	-10	Pass
2575	2580.27	1	CHP	3	2575.005	-47.69	-13	Pass
2580.27	2585	1	CHP	4	2581.780	-49.09	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

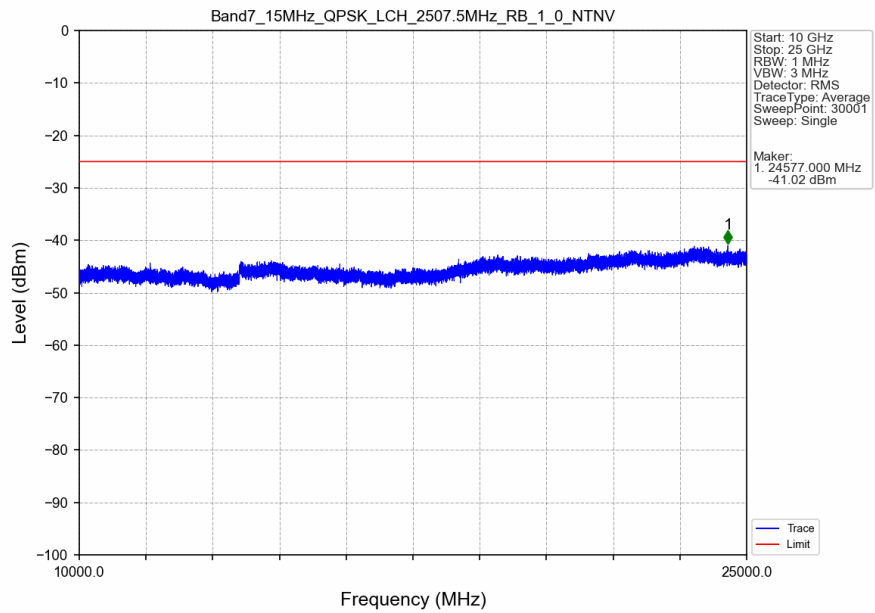


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.207	CHP	/	/	/	/	/
2570	2571	0.207	CHP	1	2570.050	-26.83	-10	Pass
2571	2575	1	CHP	2	2571.500	-22.65	-10	Pass
2575	2580.225	1	CHP	3	2575.025	-25.69	-13	Pass
2580.225	2585	1	CHP	4	2580.275	-40.24	-25	Pass

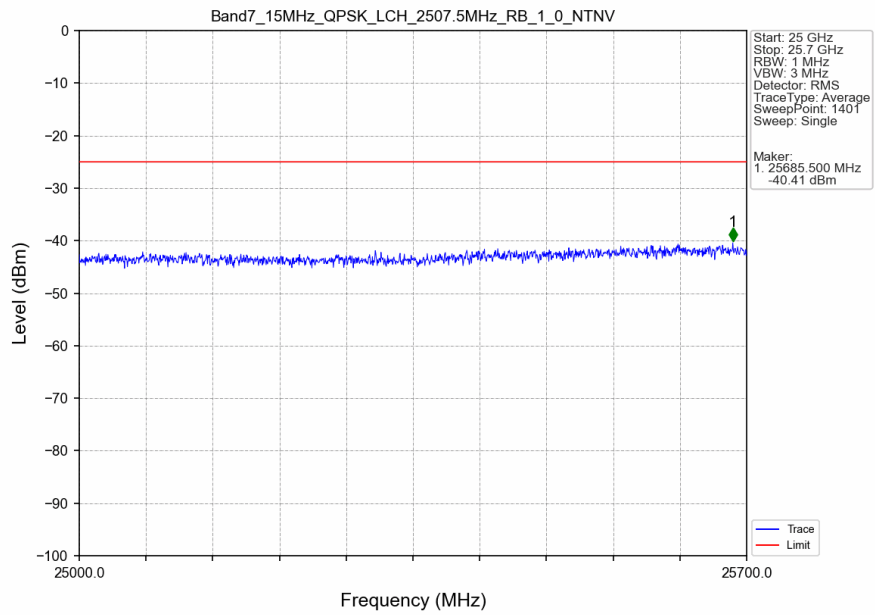
5.2.3 B7_15MHz



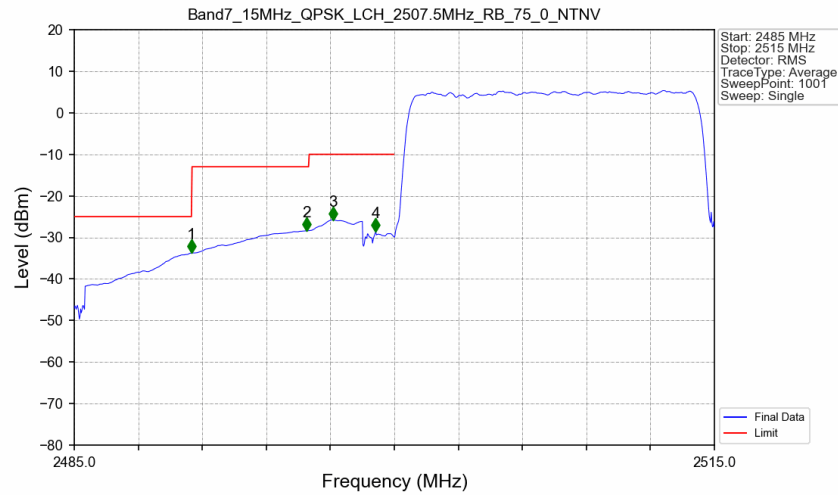
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

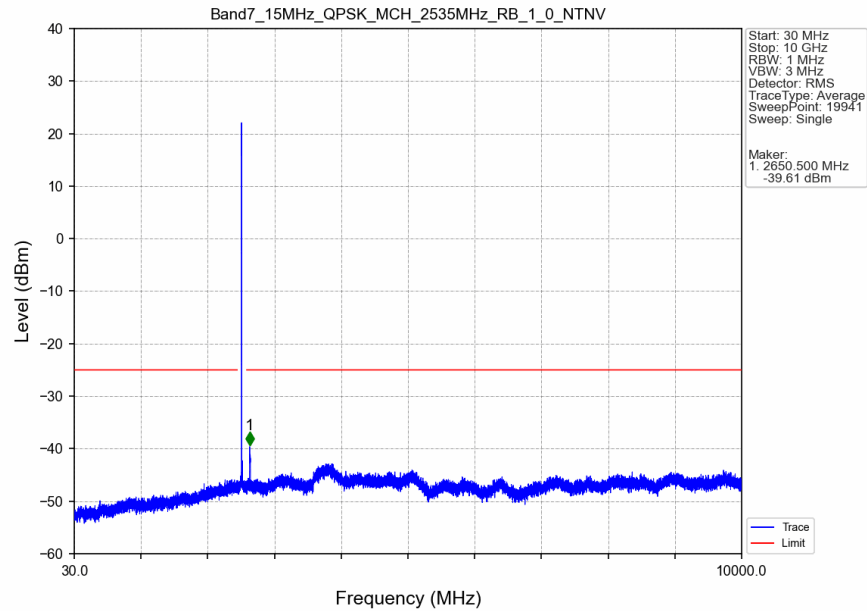


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

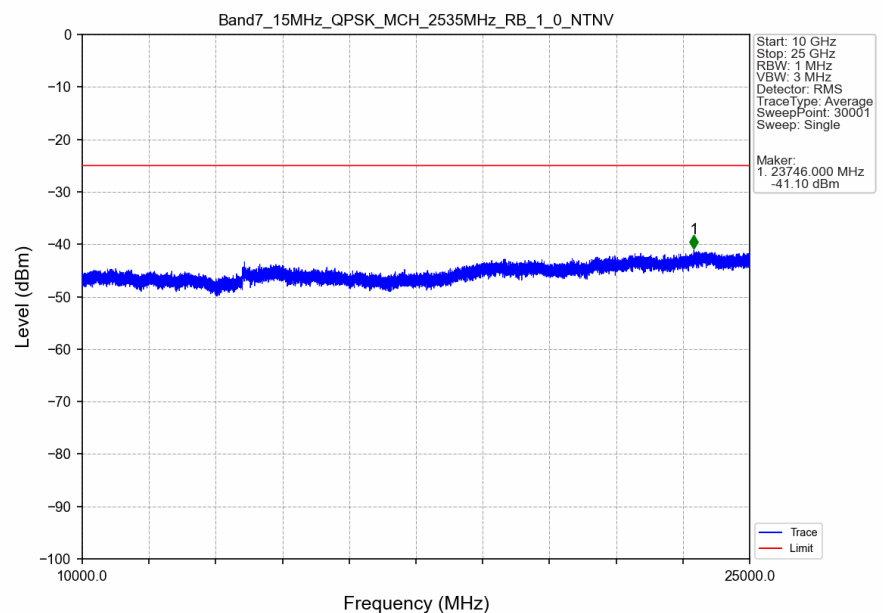


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.76	-25	Pass
2490.5	2496	1	CHP	2	2495.890	-28.40	-13	Pass
2496	2499	1	CHP	3	2497.120	-25.78	-10	Pass
2499	2500	0.306	CHP	4	2499.130	-28.66	-10	Pass
2500	2515	0.306	CHP	/	/	/	/	/

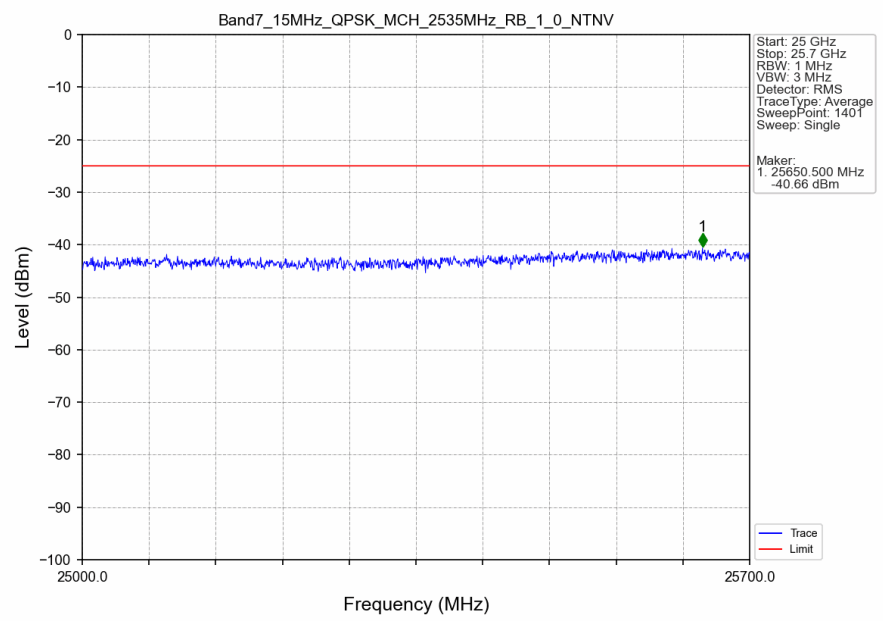
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



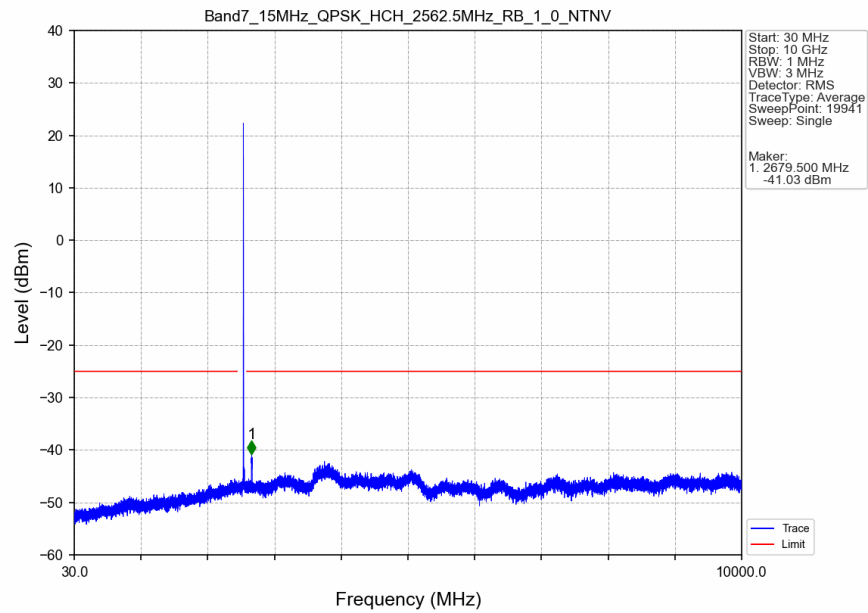
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



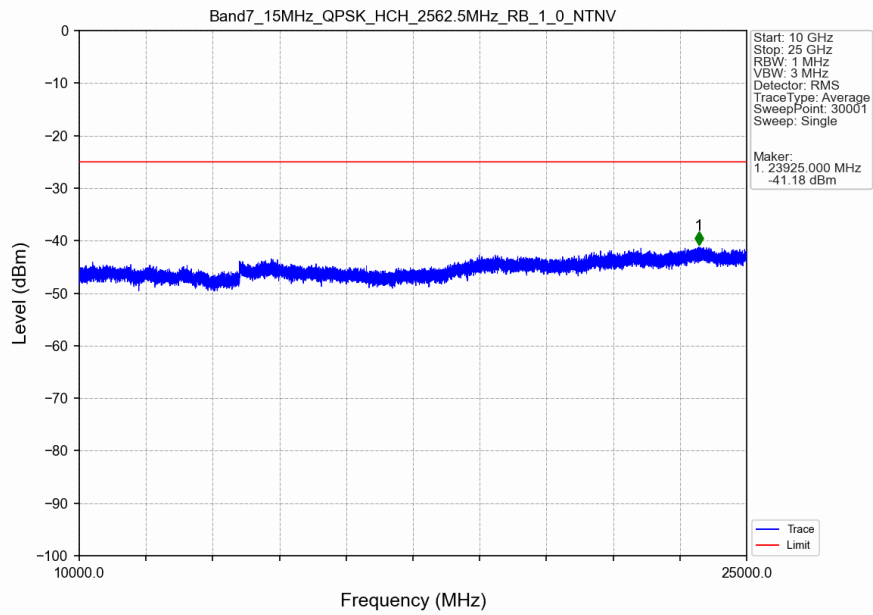
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



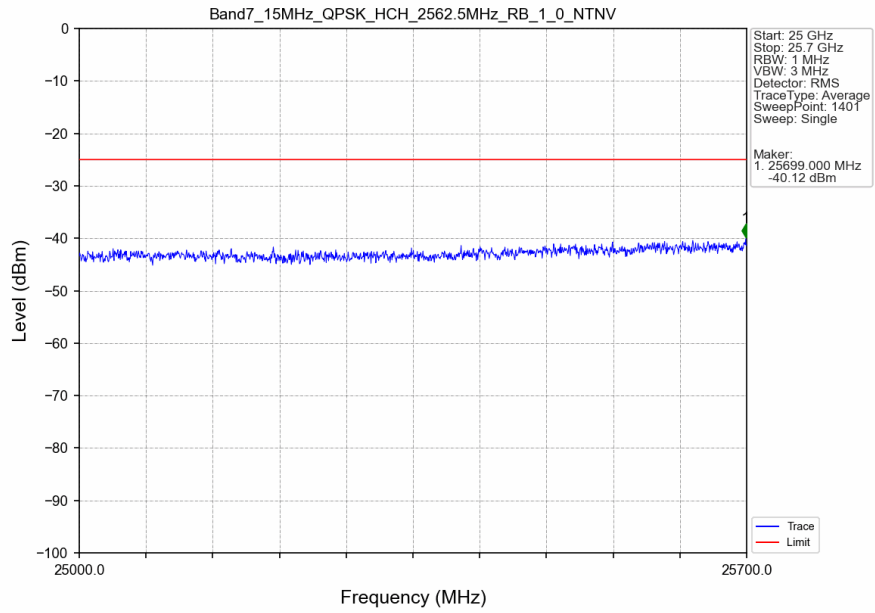
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



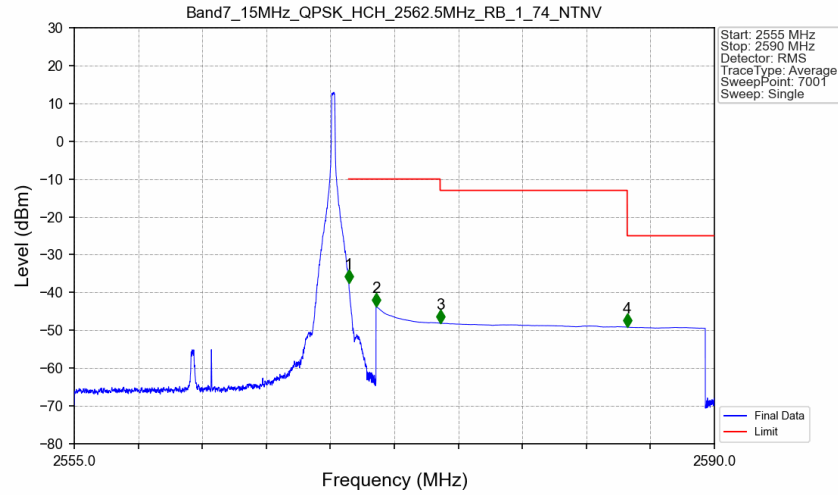
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

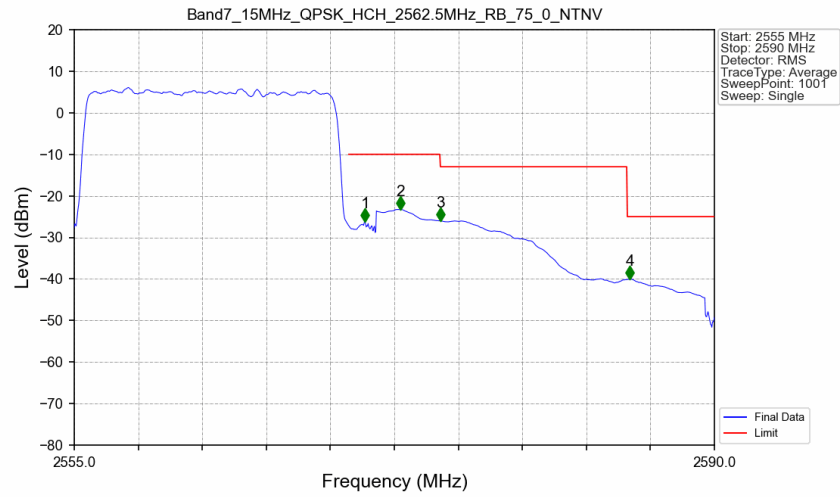


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



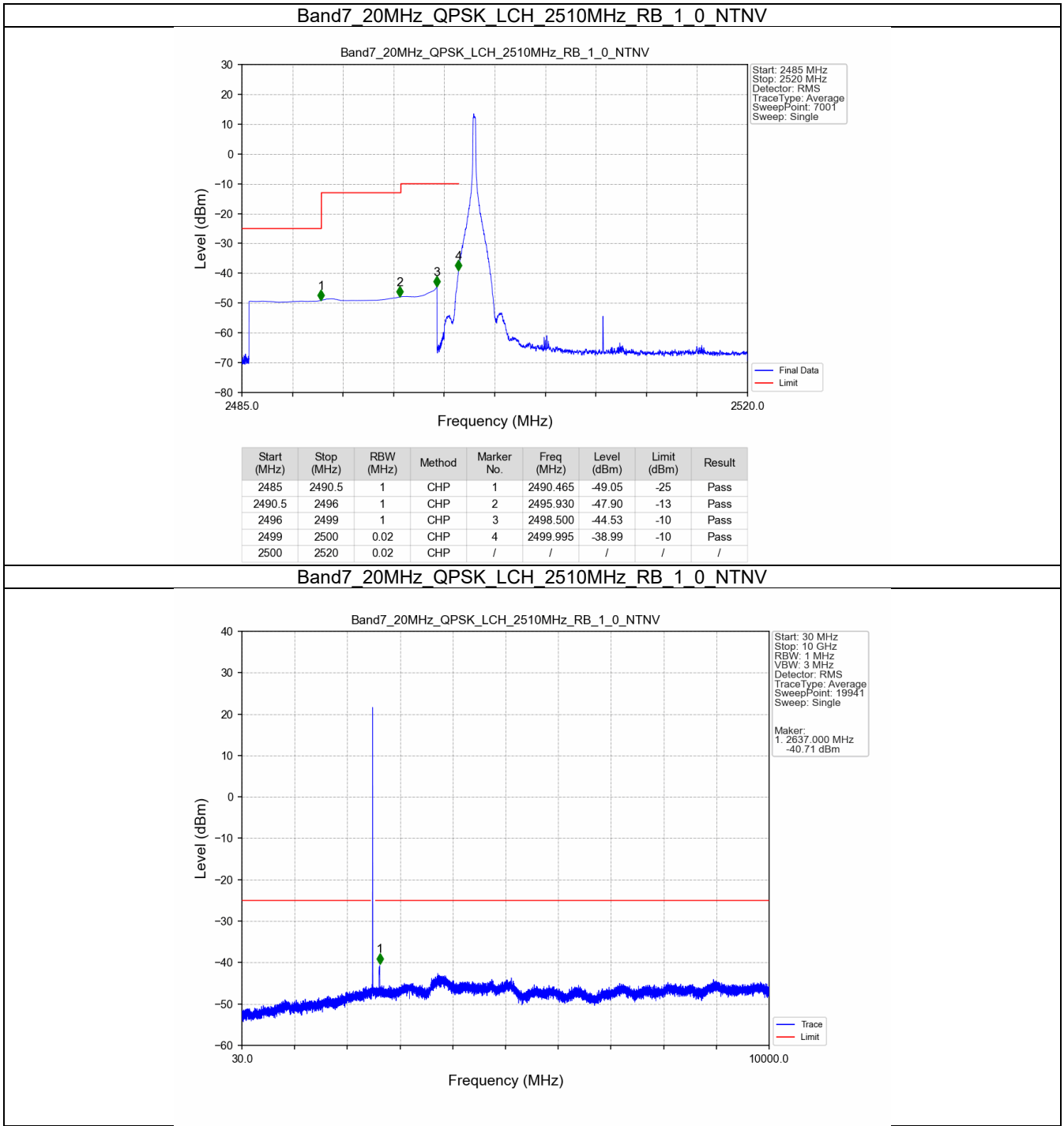
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.40	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.74	-10	Pass
2575	2585.233	1	CHP	3	2575.005	-48.12	-13	Pass
2585.233	2590	1	CHP	4	2585.235	-49.15	-25	Pass

Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV

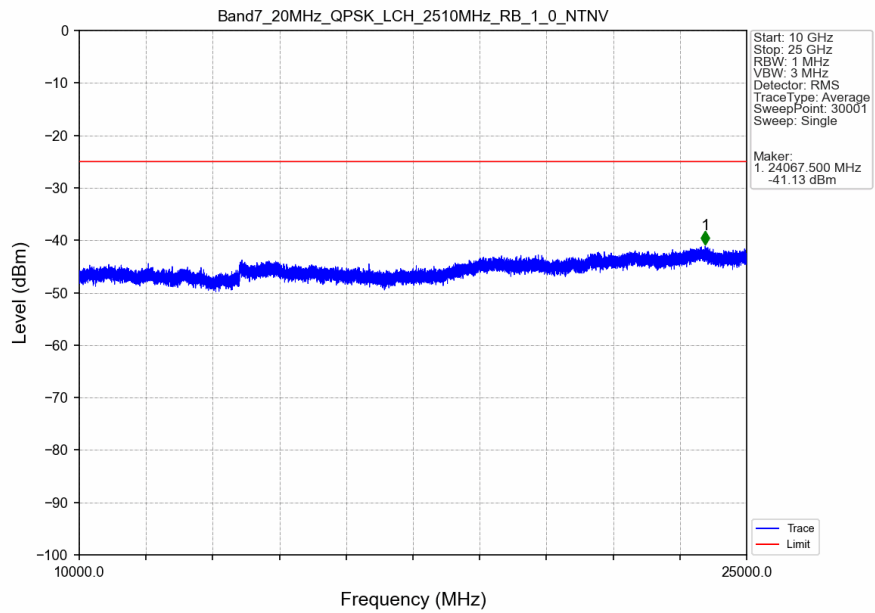


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.306	CHP	/	/	/	/	/
2570	2571	0.306	CHP	1	2570.890	-26.22	-10	Pass
2571	2575	1	CHP	2	2572.850	-23.26	-10	Pass
2575	2585.219	1	CHP	3	2575.020	-26.02	-13	Pass
2585.219	2590	1	CHP	4	2585.380	-40.06	-25	Pass

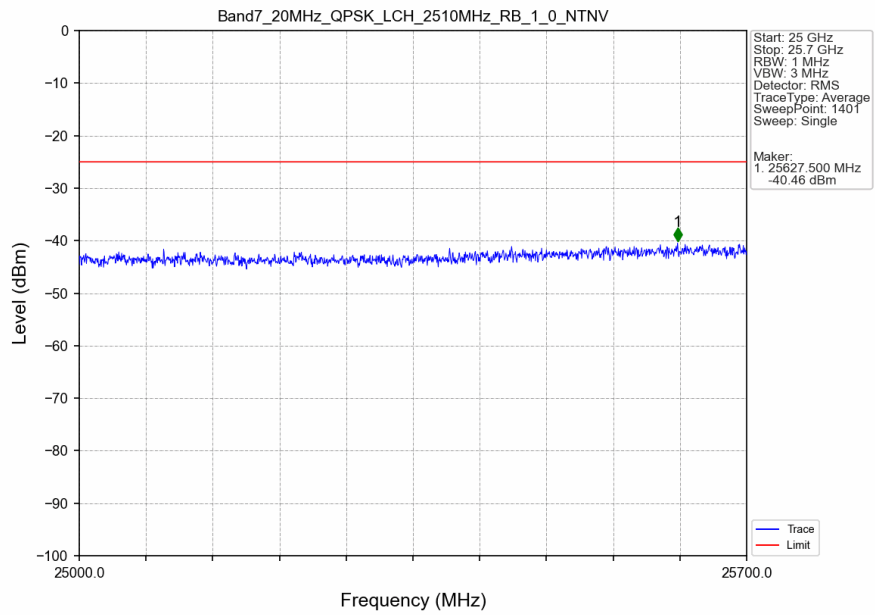
5.2.4 B7_20MHz



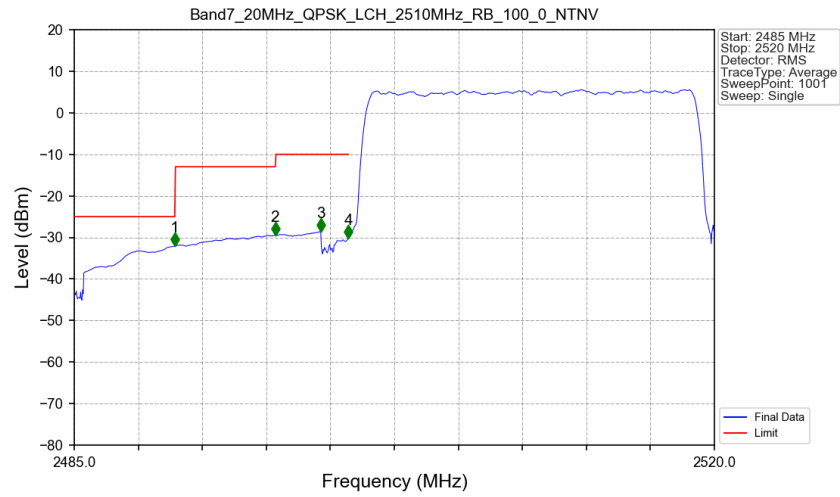
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

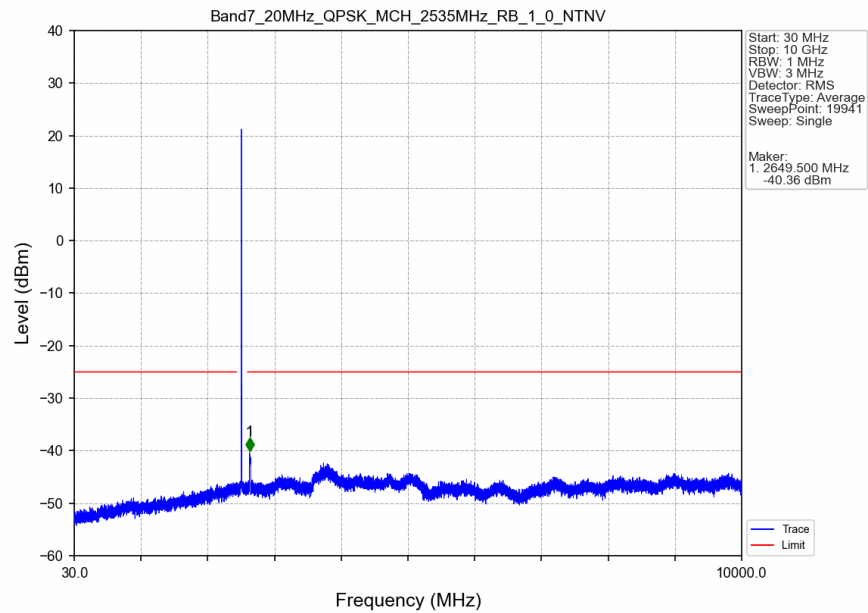


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

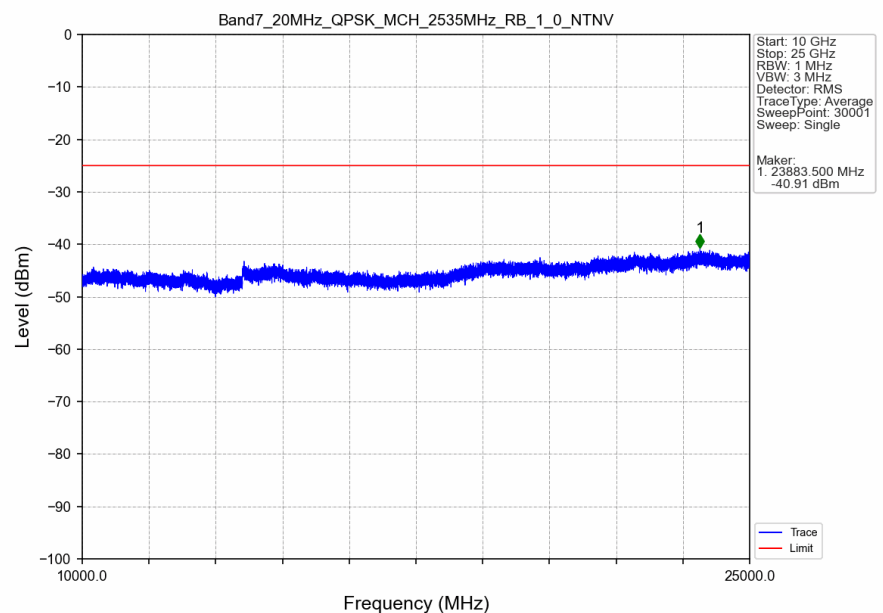


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-32.07	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-29.51	-13	Pass
2496	2499	1	CHP	3	2498.475	-28.52	-10	Pass
2499	2500	0.402	CHP	4	2499.980	-30.20	-10	Pass
2500	2520	0.402	CHP	/	/	/	/	/

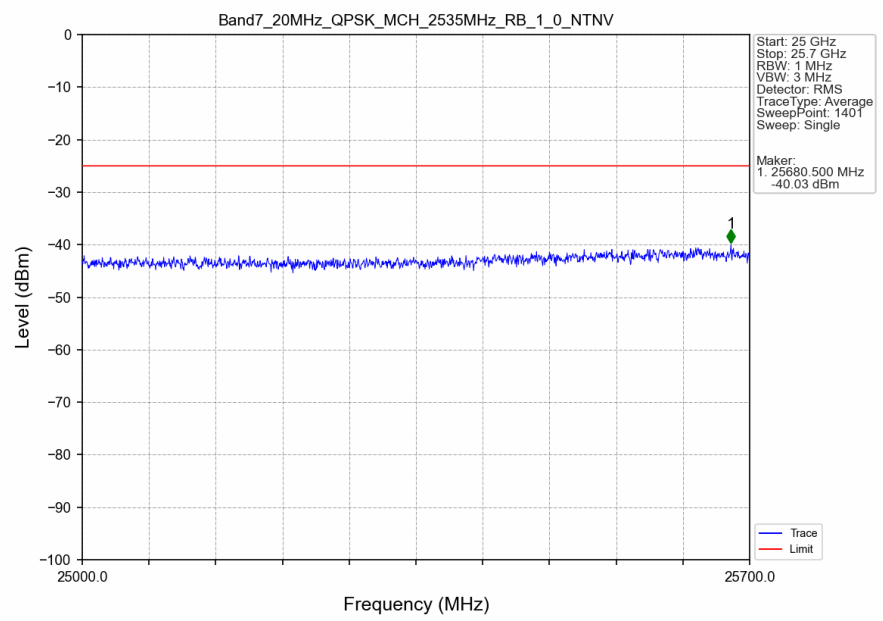
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



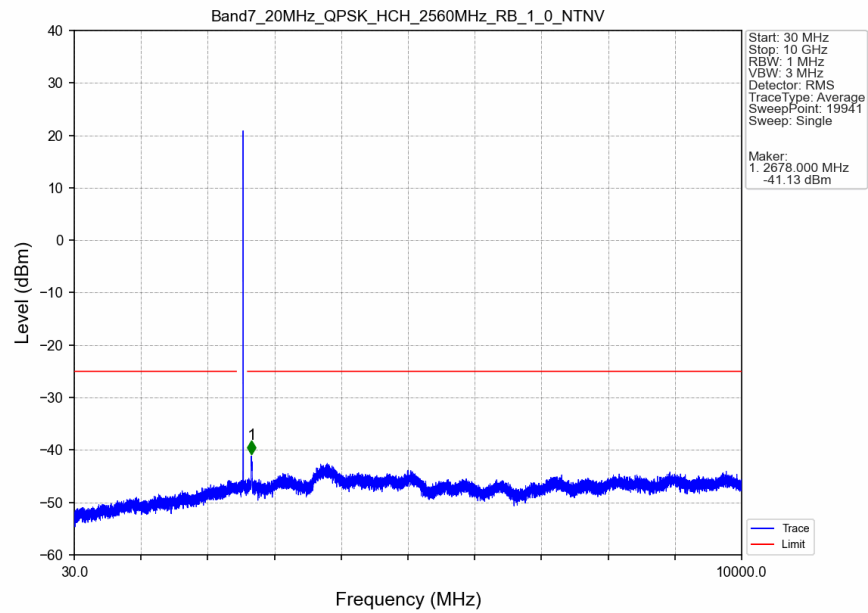
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



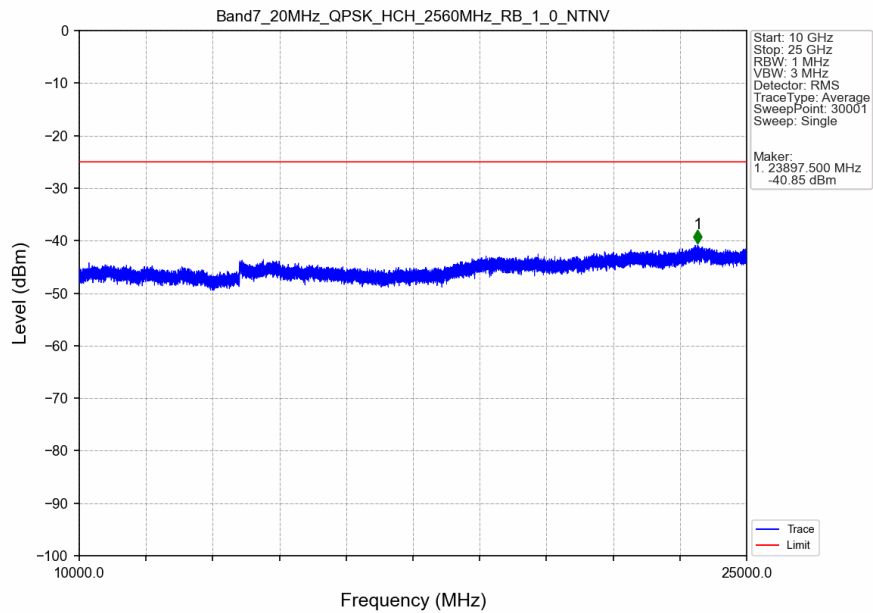
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



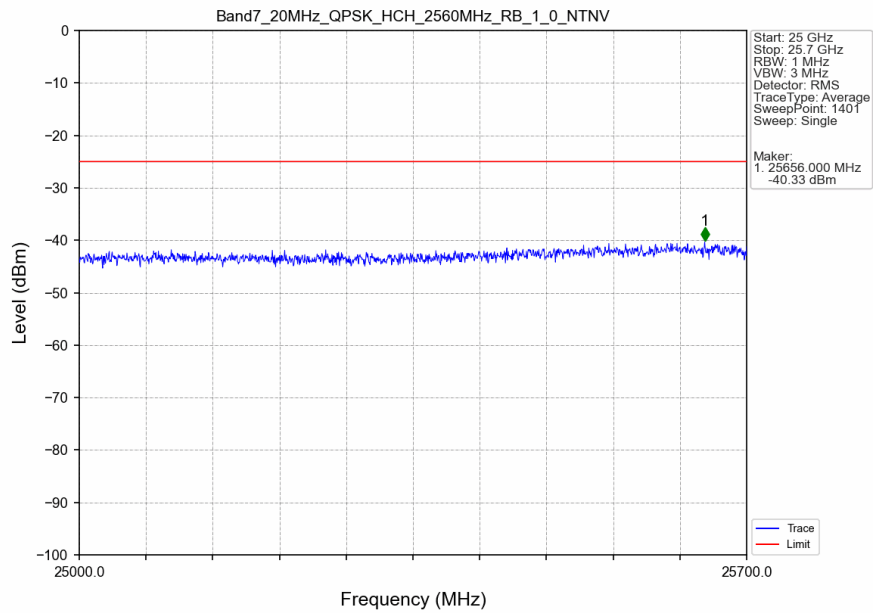
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



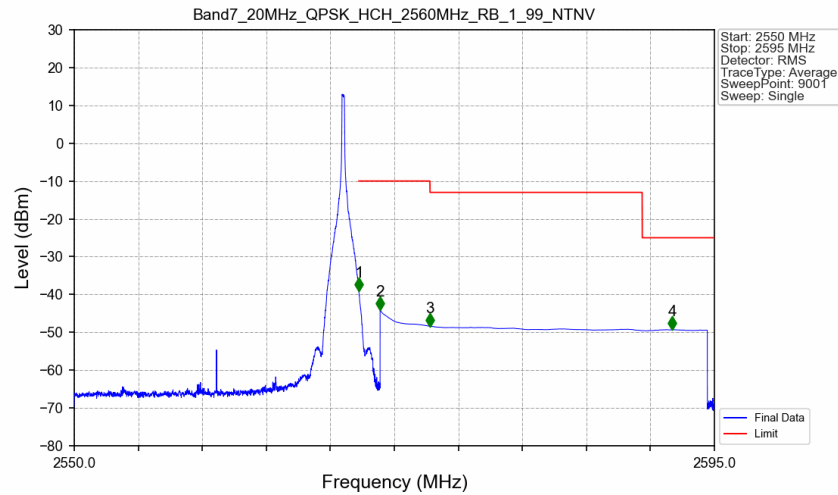
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV

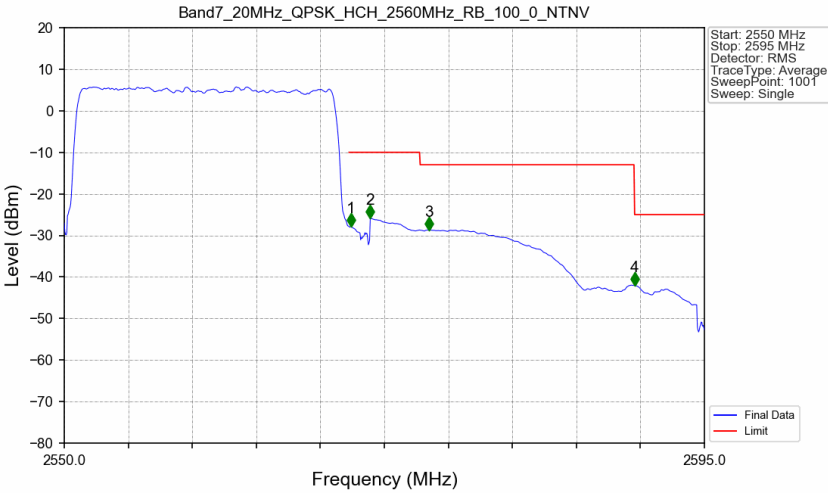


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV



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	-38.99	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.00	-10	Pass
2575	2589.921	1	CHP	3	2575.005	-48.42	-13	Pass
2589.921	2595	1	CHP	4	2592.045	-49.30	-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	0.402	CHP	/	/	/	/	/
2570	2571	0.402	CHP	1	2570.160	-27.88	-10	Pass
2571	2575	1	CHP	2	2571.510	-25.90	-10	Pass
2575	2590.092	1	CHP	3	2575.650	-28.69	-13	Pass
2590.092	2595	1	CHP	4	2590.095	-42.04	-25	Pass