

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	22.80	2.07	24.87	<=33.01	Pass
			13	22.80	2.07	24.87	<=33.01	Pass
			24	22.73	2.07	24.80	<=33.01	Pass
		12	0	21.79	2.07	23.86	<=33.01	Pass
			6	21.79	2.07	23.86	<=33.01	Pass
			13	21.79	2.07	23.86	<=33.01	Pass
		25	0	21.77	2.07	23.84	<=33.01	Pass
	2535	1	0	22.88	2.07	24.95	<=33.01	Pass
			13	22.57	2.07	24.64	<=33.01	Pass
			24	22.55	2.07	24.62	<=33.01	Pass
		12	0	21.74	2.07	23.81	<=33.01	Pass
			6	21.80	2.07	23.87	<=33.01	Pass
			13	21.72	2.07	23.79	<=33.01	Pass
		25	0	21.79	2.07	23.86	<=33.01	Pass
	2567.5	1	0	22.62	2.07	24.69	<=33.01	Pass
			13	22.53	2.07	24.60	<=33.01	Pass
			24	22.15	2.07	24.22	<=33.01	Pass
		12	0	21.97	2.07	24.04	<=33.01	Pass
			6	21.86	2.07	23.93	<=33.01	Pass
			13	21.78	2.07	23.85	<=33.01	Pass
		25	0	21.84	2.07	23.91	<=33.01	Pass
16QAM	2502.5	1	0	21.97	2.07	24.04	<=33.01	Pass
			13	22.28	2.07	24.35	<=33.01	Pass
			24	21.95	2.07	24.02	<=33.01	Pass
		12	0	20.74	2.07	22.81	<=33.01	Pass
			6	20.94	2.07	23.01	<=33.01	Pass
			13	20.86	2.07	22.93	<=33.01	Pass
		25	0	20.75	2.07	22.82	<=33.01	Pass
	2535	1	0	22.01	2.07	24.08	<=33.01	Pass
			13	21.96	2.07	24.03	<=33.01	Pass
			24	21.91	2.07	23.98	<=33.01	Pass
		12	0	20.86	2.07	22.93	<=33.01	Pass
			6	20.86	2.07	22.93	<=33.01	Pass
			13	20.77	2.07	22.84	<=33.01	Pass
		25	0	20.86	2.07	22.93	<=33.01	Pass
	2567.5	1	0	21.76	2.07	23.83	<=33.01	Pass
			13	21.79	2.07	23.86	<=33.01	Pass
			24	21.54	2.07	23.61	<=33.01	Pass
		12	0	21.00	2.07	23.07	<=33.01	Pass
			6	20.96	2.07	23.03	<=33.01	Pass
			13	20.84	2.07	22.91	<=33.01	Pass
		25	0	21.02	2.07	23.09	<=33.01	Pass
64QAM	2502.5	1	0	21.97	2.07	24.04	<=33.01	Pass
			13	21.85	2.07	23.92	<=33.01	Pass
			24	22.03	2.07	24.10	<=33.01	Pass
		12	0	20.76	2.07	22.83	<=33.01	Pass
			6	20.80	2.07	22.87	<=33.01	Pass
			13	20.75	2.07	22.82	<=33.01	Pass
		25	0	20.75	2.07	22.82	<=33.01	Pass
	2535	1	0	22.19	2.07	24.26	<=33.01	Pass
			13	22.05	2.07	24.12	<=33.01	Pass
			24	21.81	2.07	23.88	<=33.01	Pass
		12	0	20.78	2.07	22.85	<=33.01	Pass
			6	20.83	2.07	22.90	<=33.01	Pass

			13	20.70	2.07	22.77	<=33.01	Pass
		25	0	20.81	2.07	22.88	<=33.01	Pass
	2567.5	1	0	21.80	2.07	23.87	<=33.01	Pass
			13	21.74	2.07	23.81	<=33.01	Pass
			24	21.33	2.07	23.40	<=33.01	Pass
		12	0	21.01	2.07	23.08	<=33.01	Pass
			6	20.95	2.07	23.02	<=33.01	Pass
			13	20.89	2.07	22.96	<=33.01	Pass
		25	0	20.97	2.07	23.04	<=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	2.07	25.15	<=33.01	Pass
			25	23.13	2.07	25.20	<=33.01	Pass
			49	22.97	2.07	25.04	<=33.01	Pass
		25	0	21.90	2.07	23.97	<=33.01	Pass
			13	21.79	2.07	23.86	<=33.01	Pass
			25	21.81	2.07	23.88	<=33.01	Pass
		50	0	21.86	2.07	23.93	<=33.01	Pass
	2535	1	0	22.94	2.07	25.01	<=33.01	Pass
			25	22.62	2.07	24.69	<=33.01	Pass
			49	22.35	2.07	24.42	<=33.01	Pass
		25	0	21.84	2.07	23.91	<=33.01	Pass
			13	21.72	2.07	23.79	<=33.01	Pass
			25	21.78	2.07	23.85	<=33.01	Pass
		50	0	21.87	2.07	23.94	<=33.01	Pass
	2565	1	0	22.87	2.07	24.94	<=33.01	Pass
			25	22.81	2.07	24.88	<=33.01	Pass
			49	22.19	2.07	24.26	<=33.01	Pass
		25	0	22.04	2.07	24.11	<=33.01	Pass
			13	21.84	2.07	23.91	<=33.01	Pass
			25	21.87	2.07	23.94	<=33.01	Pass
		50	0	21.95	2.07	24.02	<=33.01	Pass
16QAM	2505	1	0	22.19	2.07	24.26	<=33.01	Pass
			25	22.46	2.07	24.53	<=33.01	Pass
			49	22.32	2.07	24.39	<=33.01	Pass
		25	0	20.81	2.07	22.88	<=33.01	Pass
			13	20.72	2.07	22.79	<=33.01	Pass
			25	20.84	2.07	22.91	<=33.01	Pass
		50	0	20.80	2.07	22.87	<=33.01	Pass
	2535	1	0	22.43	2.07	24.50	<=33.01	Pass
			25	22.26	2.07	24.33	<=33.01	Pass
			49	21.63	2.07	23.70	<=33.01	Pass
		25	0	20.92	2.07	22.99	<=33.01	Pass
			13	20.78	2.07	22.85	<=33.01	Pass
			25	20.73	2.07	22.80	<=33.01	Pass
		50	0	20.74	2.07	22.81	<=33.01	Pass
	2565	1	0	21.95	2.07	24.02	<=33.01	Pass
			25	22.08	2.07	24.15	<=33.01	Pass
			49	21.44	2.07	23.51	<=33.01	Pass
		25	0	21.05	2.07	23.12	<=33.01	Pass
			13	20.93	2.07	23.00	<=33.01	Pass
			25	20.95	2.07	23.02	<=33.01	Pass
		50	0	20.97	2.07	23.04	<=33.01	Pass
64QAM	2505	1	0	21.89	2.07	23.96	<=33.01	Pass
			25	22.57	2.07	24.64	<=33.01	Pass
			49	22.20	2.07	24.27	<=33.01	Pass
		25	0	20.87	2.07	22.94	<=33.01	Pass

		50	13	20.72	2.07	22.79	<=33.01	Pass	
			25	20.85	2.07	22.92	<=33.01	Pass	
			0	20.80	2.07	22.87	<=33.01	Pass	
	2535	1	0	22.31	2.07	24.38	<=33.01	Pass	
			25	22.00	2.07	24.07	<=33.01	Pass	
			49	21.52	2.07	23.59	<=33.01	Pass	
		25	0	21.14	2.07	23.21	<=33.01	Pass	
			13	20.72	2.07	22.79	<=33.01	Pass	
			25	20.74	2.07	22.81	<=33.01	Pass	
		50	0	20.81	2.07	22.88	<=33.01	Pass	
		2565	1	0	21.79	2.07	23.86	<=33.01	Pass
				25	21.90	2.07	23.97	<=33.01	Pass
	49			21.31	2.07	23.38	<=33.01	Pass	
	25		0	21.20	2.07	23.27	<=33.01	Pass	
			13	20.93	2.07	23.00	<=33.01	Pass	
			25	20.88	2.07	22.95	<=33.01	Pass	
	50		0	20.97	2.07	23.04	<=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	22.63	2.07	24.70	<=33.01	Pass
			38	23.27	2.07	25.34	<=33.01	Pass
			74	22.78	2.07	24.85	<=33.01	Pass
		36	0	21.81	2.07	23.88	<=33.01	Pass
			18	21.85	2.07	23.92	<=33.01	Pass
			39	21.76	2.07	23.83	<=33.01	Pass
		75	0	21.82	2.07	23.89	<=33.01	Pass
	2535	1	0	22.90	2.07	24.97	<=33.01	Pass
			38	22.70	2.07	24.77	<=33.01	Pass
			74	21.77	2.07	23.84	<=33.01	Pass
		36	0	21.91	2.07	23.98	<=33.01	Pass
			18	21.90	2.07	23.97	<=33.01	Pass
			39	21.86	2.07	23.93	<=33.01	Pass
		75	0	21.97	2.07	24.04	<=33.01	Pass
	2562.5	1	0	22.96	2.07	25.03	<=33.01	Pass
			38	22.84	2.07	24.91	<=33.01	Pass
			74	22.76	2.07	24.83	<=33.01	Pass
		36	0	22.23	2.07	24.30	<=33.01	Pass
			18	22.09	2.07	24.16	<=33.01	Pass
			39	22.02	2.07	24.09	<=33.01	Pass
		75	0	22.12	2.07	24.19	<=33.01	Pass
16QAM	2507.5	1	0	21.79	2.07	23.86	<=33.01	Pass
			38	22.42	2.07	24.49	<=33.01	Pass
			74	22.13	2.07	24.20	<=33.01	Pass
		36	0	20.84	2.07	22.91	<=33.01	Pass
			18	20.90	2.07	22.97	<=33.01	Pass
			39	20.83	2.07	22.90	<=33.01	Pass
		75	0	20.76	2.07	22.83	<=33.01	Pass
	2535	1	0	22.40	2.07	24.47	<=33.01	Pass
			38	22.01	2.07	24.08	<=33.01	Pass
			74	21.14	2.07	23.21	<=33.01	Pass
		36	0	20.92	2.07	22.99	<=33.01	Pass
			18	20.95	2.07	23.02	<=33.01	Pass
			39	20.78	2.07	22.85	<=33.01	Pass
		75	0	21.07	2.07	23.14	<=33.01	Pass
	2562.5	1	0	22.57	2.07	24.64	<=33.01	Pass
			38	22.36	2.07	24.43	<=33.01	Pass
			74	22.00	2.07	24.07	<=33.01	Pass

64QAM	2507.5	36	0	21.61	2.07	23.68	<=33.01	Pass
			18	21.05	2.07	23.12	<=33.01	Pass
			39	21.12	2.07	23.19	<=33.01	Pass
		75	0	21.00	2.07	23.07	<=33.01	Pass
			18	21.05	2.07	23.12	<=33.01	Pass
			39	21.12	2.07	23.19	<=33.01	Pass
	2535	1	0	21.69	2.07	23.76	<=33.01	Pass
			38	22.43	2.07	24.50	<=33.01	Pass
			74	22.32	2.07	24.39	<=33.01	Pass
		36	0	20.82	2.07	22.89	<=33.01	Pass
			18	20.86	2.07	22.93	<=33.01	Pass
			39	20.80	2.07	22.87	<=33.01	Pass
		75	0	20.82	2.07	22.89	<=33.01	Pass
			18	21.05	2.07	23.12	<=33.01	Pass
			39	21.12	2.07	23.19	<=33.01	Pass
	2562.5	1	0	22.33	2.07	24.40	<=33.01	Pass
			38	21.90	2.07	23.97	<=33.01	Pass
			74	21.02	2.07	23.09	<=33.01	Pass
		36	0	20.99	2.07	23.06	<=33.01	Pass
			18	20.84	2.07	22.91	<=33.01	Pass
			39	20.84	2.07	22.91	<=33.01	Pass
		75	0	21.03	2.07	23.10	<=33.01	Pass
			18	21.05	2.07	23.12	<=33.01	Pass
			39	21.12	2.07	23.19	<=33.01	Pass
		1	0	22.34	2.07	24.41	<=33.01	Pass
			38	21.86	2.07	23.93	<=33.01	Pass
			74	21.64	2.07	23.71	<=33.01	Pass
		36	0	21.71	2.07	23.78	<=33.01	Pass
			18	21.15	2.07	23.22	<=33.01	Pass
			39	21.08	2.07	23.15	<=33.01	Pass
		75	0	21.13	2.07	23.20	<=33.01	Pass
			18	21.05	2.07	23.12	<=33.01	Pass
			39	21.12	2.07	23.19	<=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	22.55	2.07	24.62	<=33.01	Pass
			50	23.65	2.07	25.72	<=33.01	Pass
			99	22.94	2.07	25.01	<=33.01	Pass
		50	0	21.92	2.07	23.99	<=33.01	Pass
			25	21.81	2.07	23.88	<=33.01	Pass
			50	21.75	2.07	23.82	<=33.01	Pass
		100	0	21.68	2.07	23.75	<=33.01	Pass
			50	21.68	2.07	23.75	<=33.01	Pass
			99	21.68	2.07	23.75	<=33.01	Pass
	2535	1	0	22.76	2.07	24.83	<=33.01	Pass
			50	22.57	2.07	24.64	<=33.01	Pass
			99	22.50	2.07	24.57	<=33.01	Pass
		50	0	21.88	2.07	23.95	<=33.01	Pass
			25	21.93	2.07	24.00	<=33.01	Pass
			50	21.85	2.07	23.92	<=33.01	Pass
		100	0	22.03	2.07	24.10	<=33.01	Pass
			50	22.03	2.07	24.10	<=33.01	Pass
			99	22.03	2.07	24.10	<=33.01	Pass
	2560	1	0	22.97	2.07	25.04	<=33.01	Pass
			50	23.10	2.07	25.17	<=33.01	Pass
			99	22.37	2.07	24.44	<=33.01	Pass
		50	0	22.12	2.07	24.19	<=33.01	Pass
			25	22.14	2.07	24.21	<=33.01	Pass
			50	22.05	2.07	24.12	<=33.01	Pass
		100	0	22.11	2.07	24.18	<=33.01	Pass
			50	22.11	2.07	24.18	<=33.01	Pass
			99	22.11	2.07	24.18	<=33.01	Pass
16QAM	2510	1	0	21.55	2.07	23.62	<=33.01	Pass
			50	23.02	2.07	25.09	<=33.01	Pass
			99	22.21	2.07	24.28	<=33.01	Pass
		50	0	20.86	2.07	22.93	<=33.01	Pass
			25	20.87	2.07	22.94	<=33.01	Pass
			50	20.85	2.07	22.92	<=33.01	Pass
	2535	1	0	20.75	2.07	22.82	<=33.01	Pass
			50	20.75	2.07	22.82	<=33.01	Pass
			99	20.75	2.07	22.82	<=33.01	Pass

		50	99	21.60	2.07	23.67	<=33.01	Pass	
			0	21.14	2.07	23.21	<=33.01	Pass	
			25	21.02	2.07	23.09	<=33.01	Pass	
			50	20.90	2.07	22.97	<=33.01	Pass	
		100	0	20.92	2.07	22.99	<=33.01	Pass	
	2560	1	0	21.90	2.07	23.97	<=33.01	Pass	
			50	22.26	2.07	24.33	<=33.01	Pass	
			99	21.64	2.07	23.71	<=33.01	Pass	
		50	0	21.67	2.07	23.74	<=33.01	Pass	
			25	21.10	2.07	23.17	<=33.01	Pass	
			50	21.03	2.07	23.10	<=33.01	Pass	
		100	0	21.10	2.07	23.17	<=33.01	Pass	
		64QAM	2510	1	0	21.57	2.07	23.64	<=33.01
	50				22.86	2.07	24.93	<=33.01	Pass
99	22.26				2.07	24.33	<=33.01	Pass	
50	0			20.86	2.07	22.93	<=33.01	Pass	
	25			20.92	2.07	22.99	<=33.01	Pass	
	50			20.82	2.07	22.89	<=33.01	Pass	
100	0			20.78	2.07	22.85	<=33.01	Pass	
2535	1		0	22.43	2.07	24.50	<=33.01	Pass	
			50	21.81	2.07	23.88	<=33.01	Pass	
			99	21.35	2.07	23.42	<=33.01	Pass	
	50		0	21.41	2.07	23.48	<=33.01	Pass	
			25	20.86	2.07	22.93	<=33.01	Pass	
			50	20.91	2.07	22.98	<=33.01	Pass	
	100		0	20.89	2.07	22.96	<=33.01	Pass	
2560	1		0	21.80	2.07	23.87	<=33.01	Pass	
			50	22.07	2.07	24.14	<=33.01	Pass	
			99	21.51	2.07	23.58	<=33.01	Pass	
	50		0	21.81	2.07	23.88	<=33.01	Pass	
			25	21.03	2.07	23.10	<=33.01	Pass	
			50	21.03	2.07	23.10	<=33.01	Pass	
	100		0	21.11	2.07	23.18	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.2	0.400	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-2.500	-0.0010	-2.5 to 2.5	Pass
				-20	3.8	3.000	0.0012	-2.5 to 2.5	Pass
				-10	3.8	0.900	0.0004	-2.5 to 2.5	Pass
				0	3.8	-1.400	-0.0006	-2.5 to 2.5	Pass
				10	3.8	-2.400	-0.0009	-2.5 to 2.5	Pass
				30	3.8	-2.300	-0.0009	-2.5 to 2.5	Pass
				40	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				50	3.8	-1.200	-0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

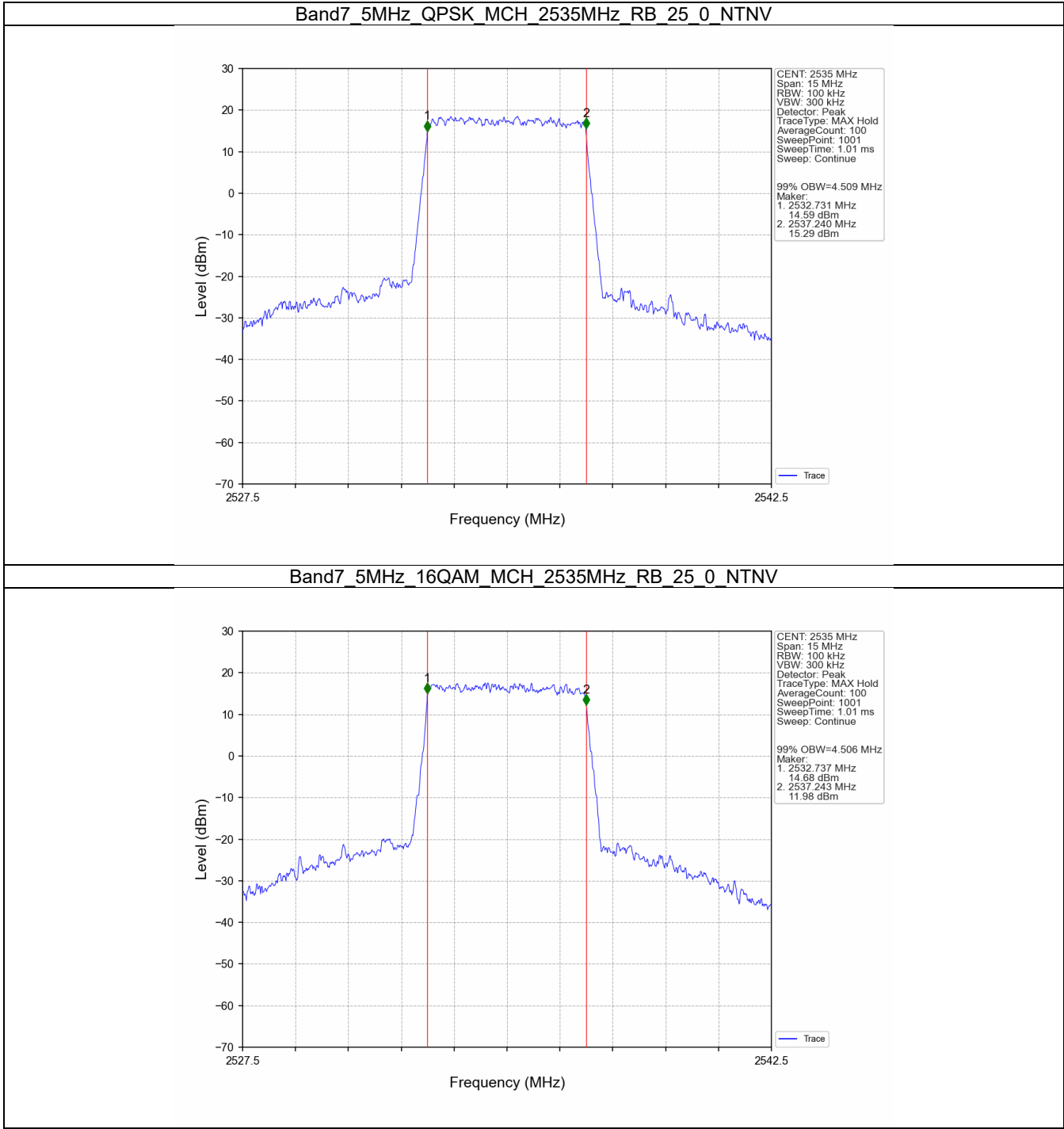
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.509	/	Pass
	16QAM	2535	25	0	4.506	/	Pass
	64QAM	2535	25	0	4.502	/	Pass
10	QPSK	2535	50	0	9.000	/	Pass
	16QAM	2535	50	0	8.978	/	Pass
	64QAM	2535	50	0	9.002	/	Pass
15	QPSK	2535	75	0	13.500	/	Pass
	16QAM	2535	75	0	13.518	/	Pass
	64QAM	2535	75	0	13.495	/	Pass
20	QPSK	2535	100	0	17.984	/	Pass
	16QAM	2535	100	0	18.025	/	Pass
	64QAM	2535	100	0	18.018	/	Pass

3.1.2 Band7_XDB

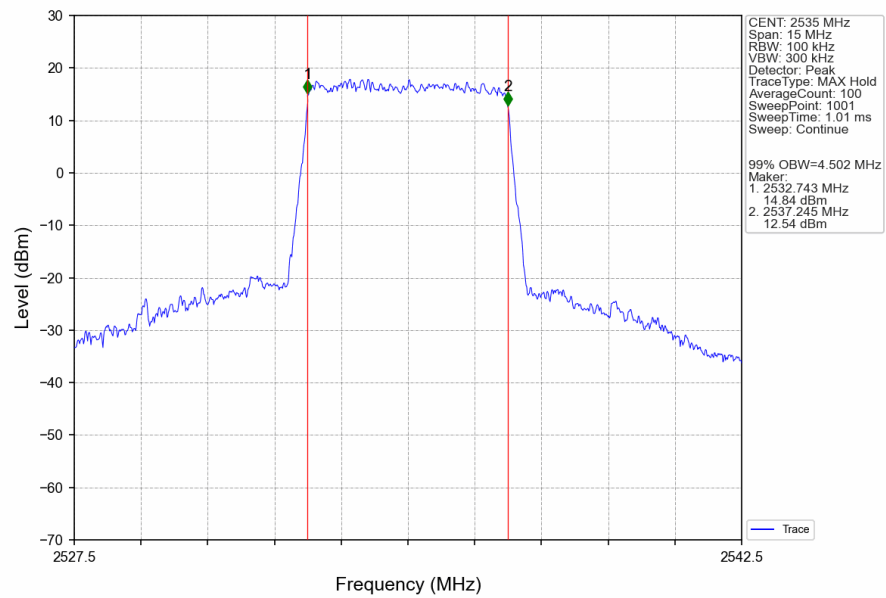
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.020	/	Pass
	16QAM	2535	25	0	5.001	/	Pass
	64QAM	2535	25	0	5.005	/	Pass
10	QPSK	2535	50	0	9.828	/	Pass
	16QAM	2535	50	0	9.758	/	Pass
	64QAM	2535	50	0	9.901	/	Pass
15	QPSK	2535	75	0	14.747	/	Pass
	16QAM	2535	75	0	14.582	/	Pass
	64QAM	2535	75	0	14.627	/	Pass
20	QPSK	2535	100	0	19.599	/	Pass
	16QAM	2535	100	0	19.426	/	Pass
	64QAM	2535	100	0	19.509	/	Pass

3.2 Test Graph

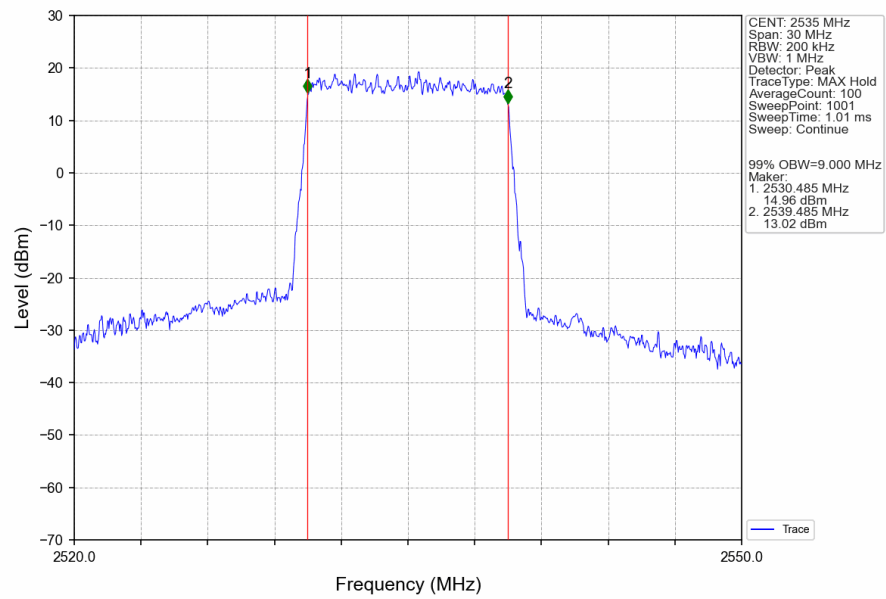
3.2.1 Band7_OBW



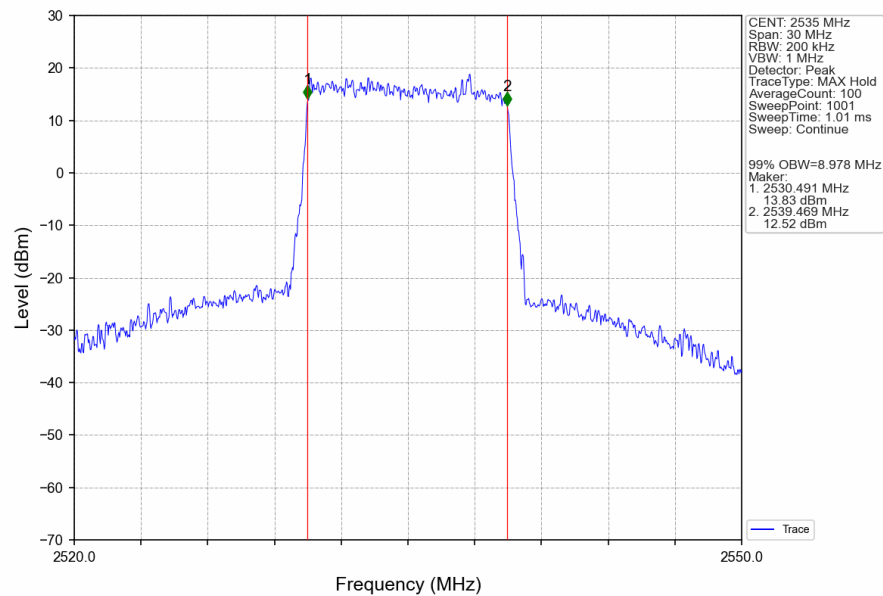
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



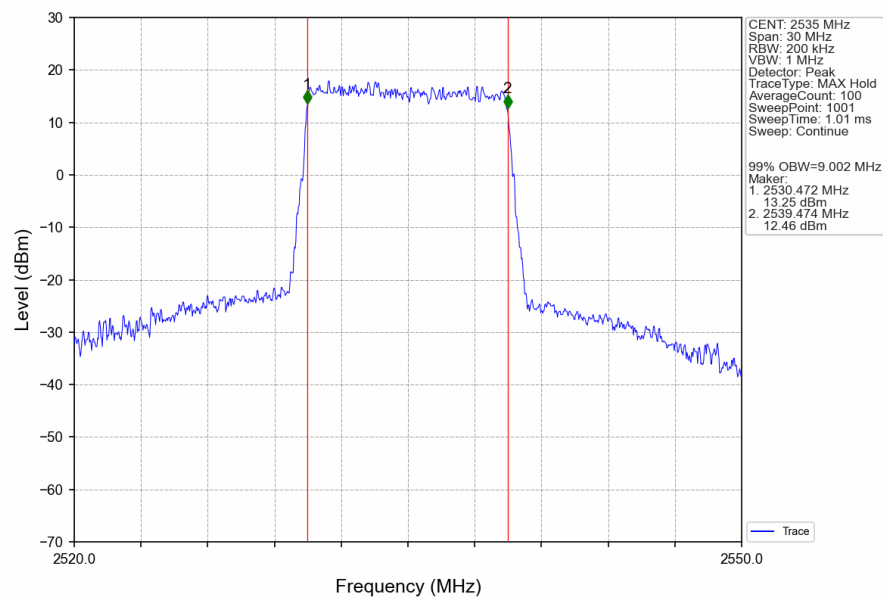
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



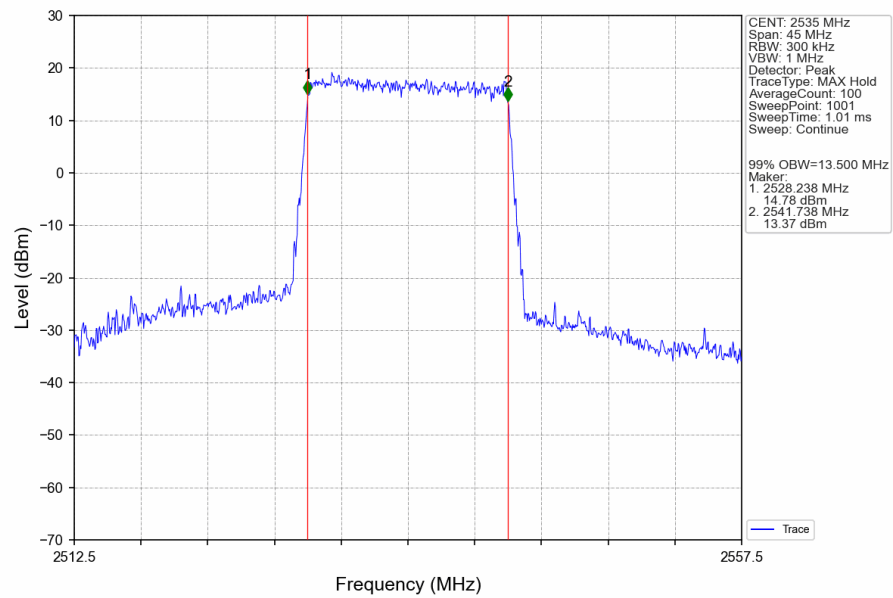
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



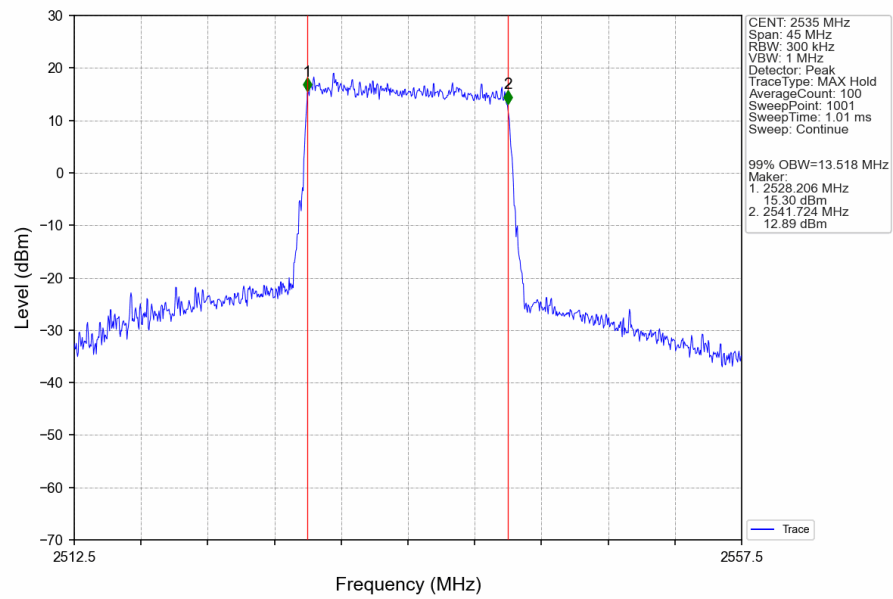
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



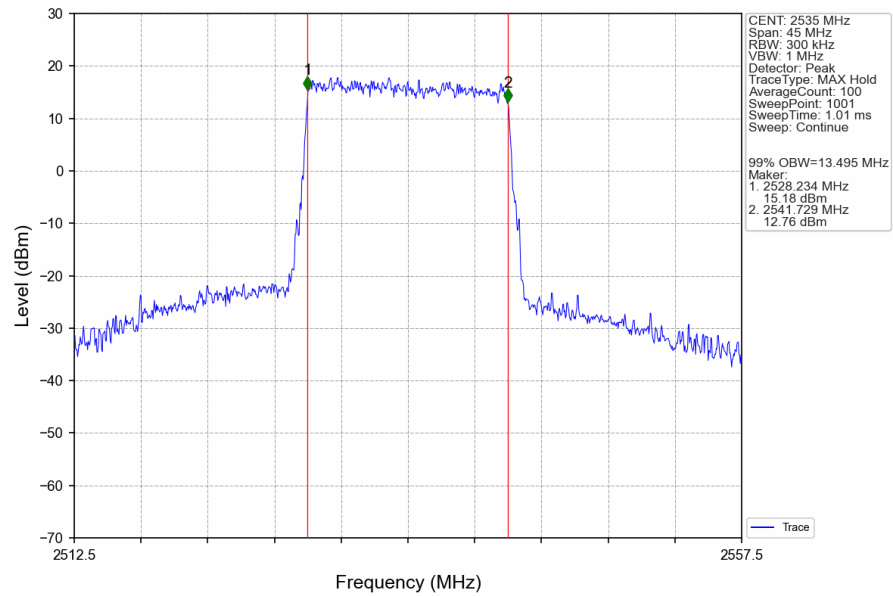
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



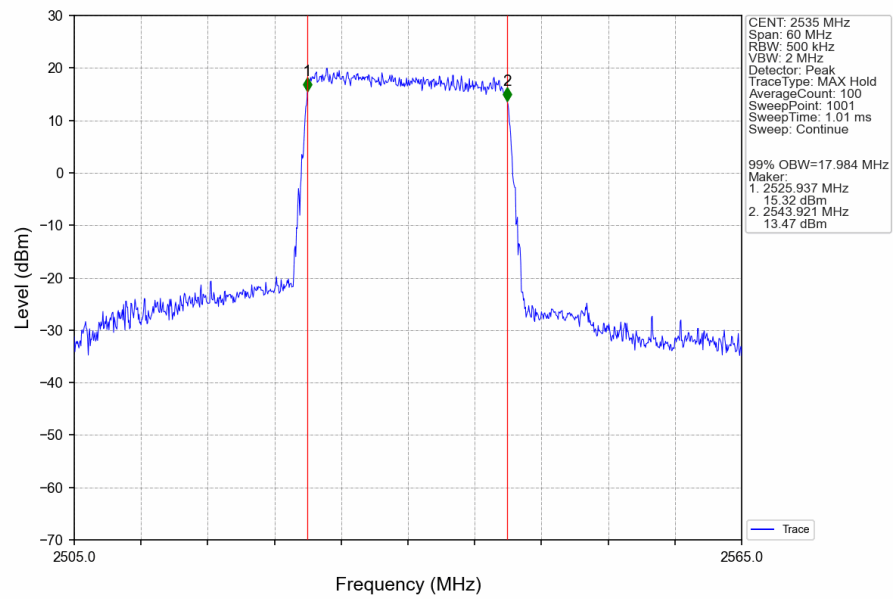
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



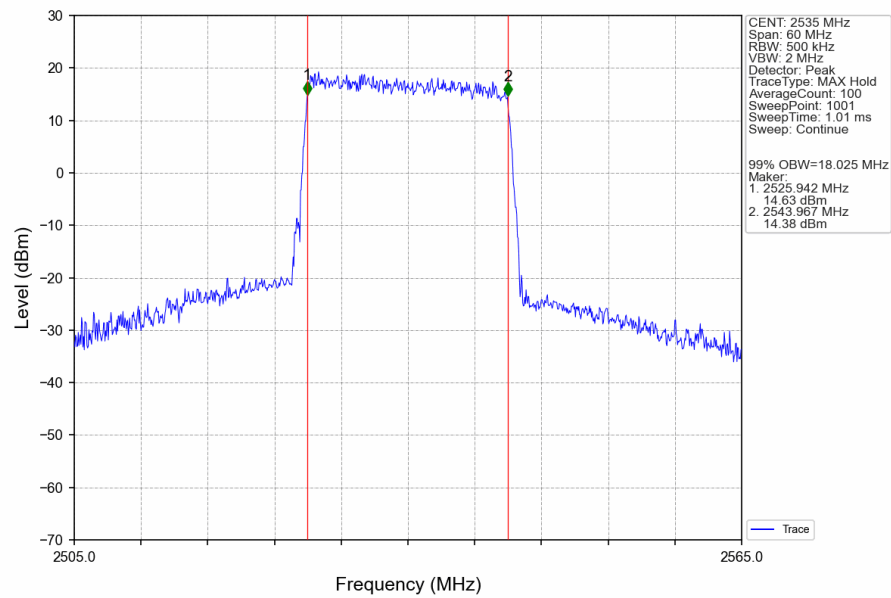
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



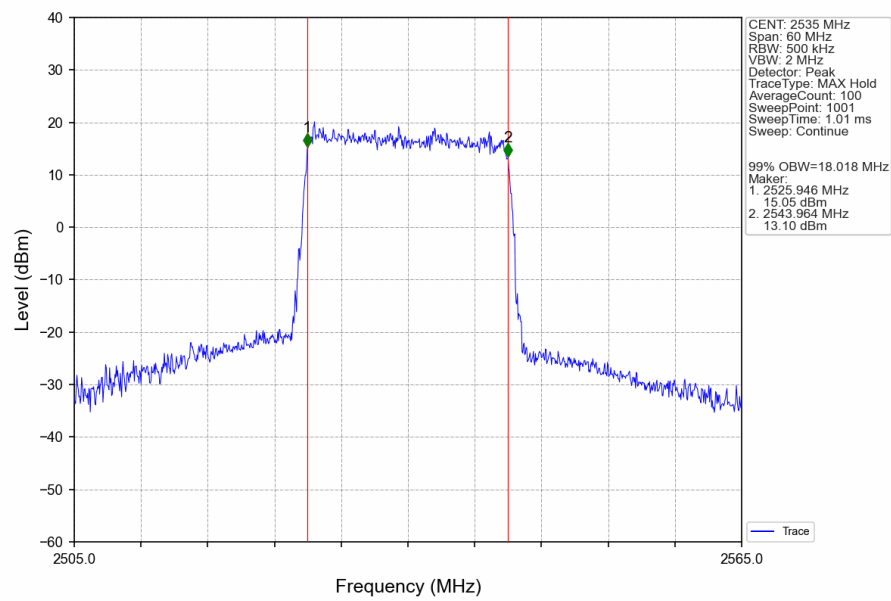
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



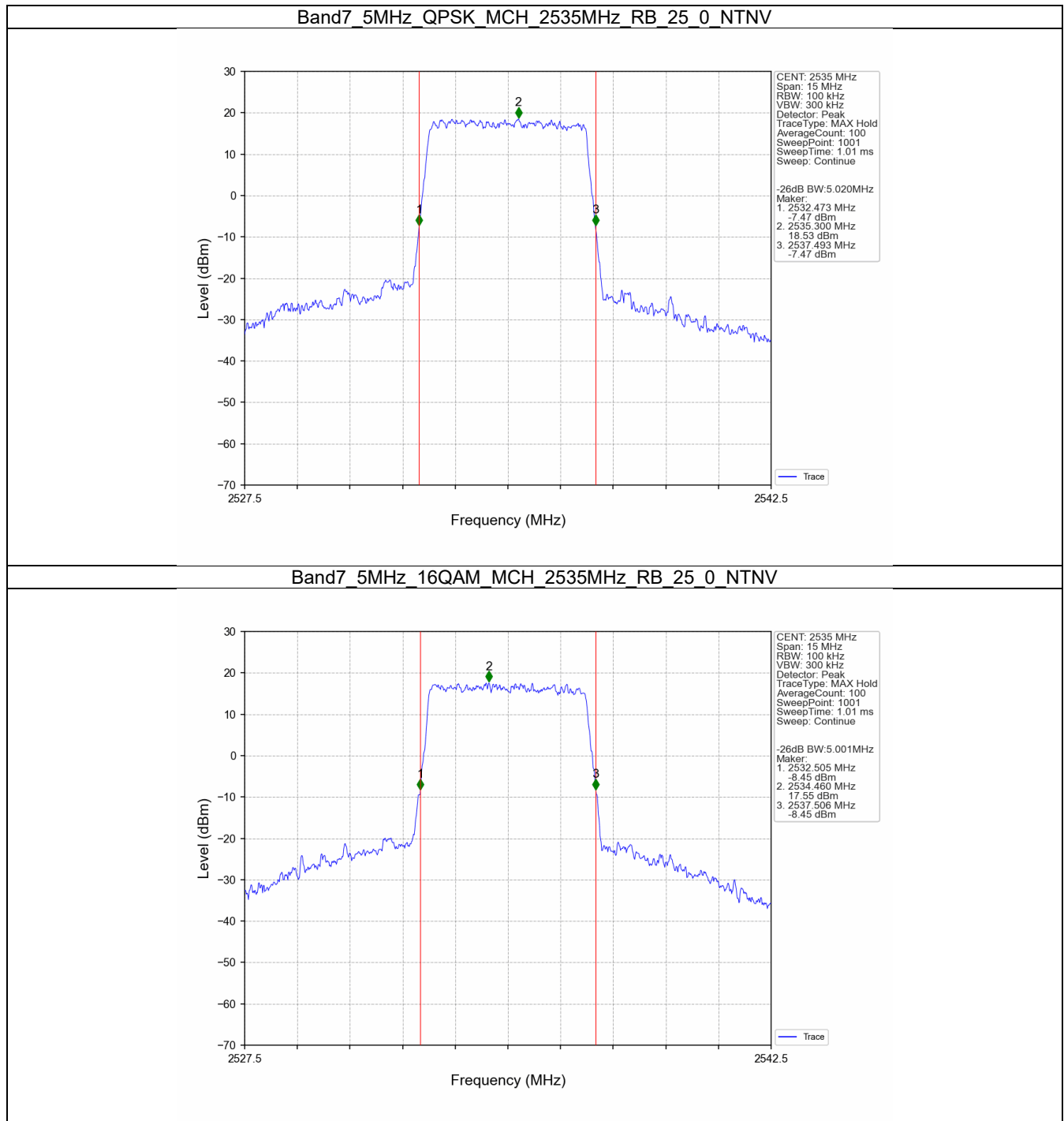
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



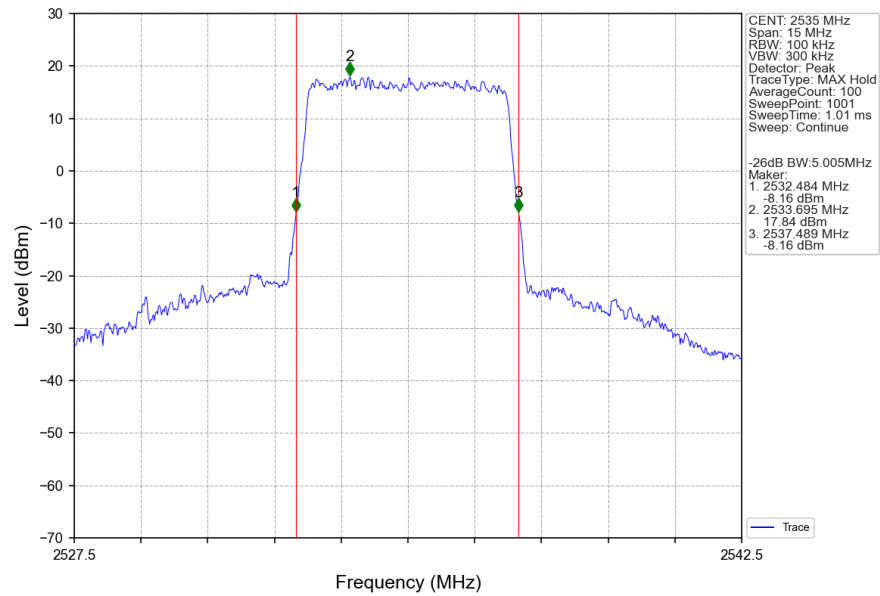
Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



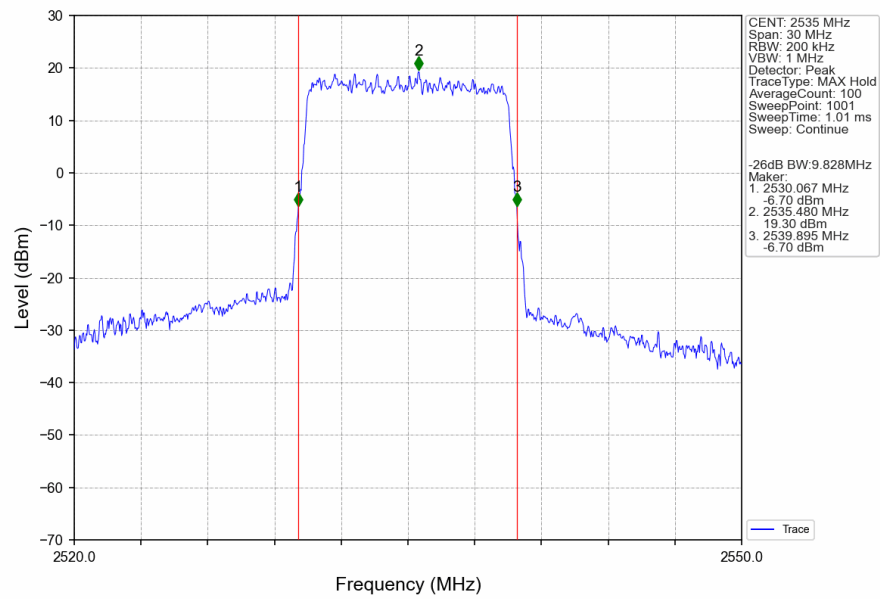
3.2.2 Band7_XDB



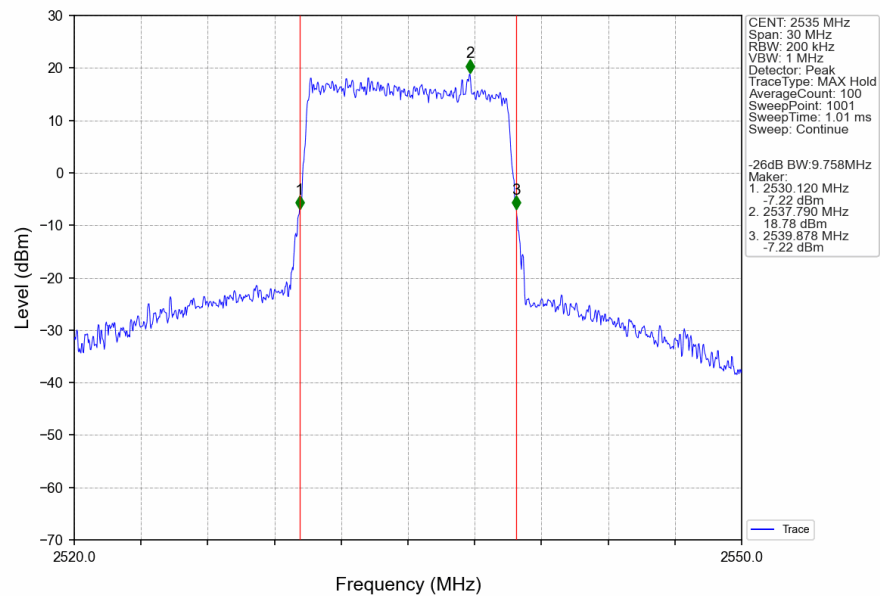
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



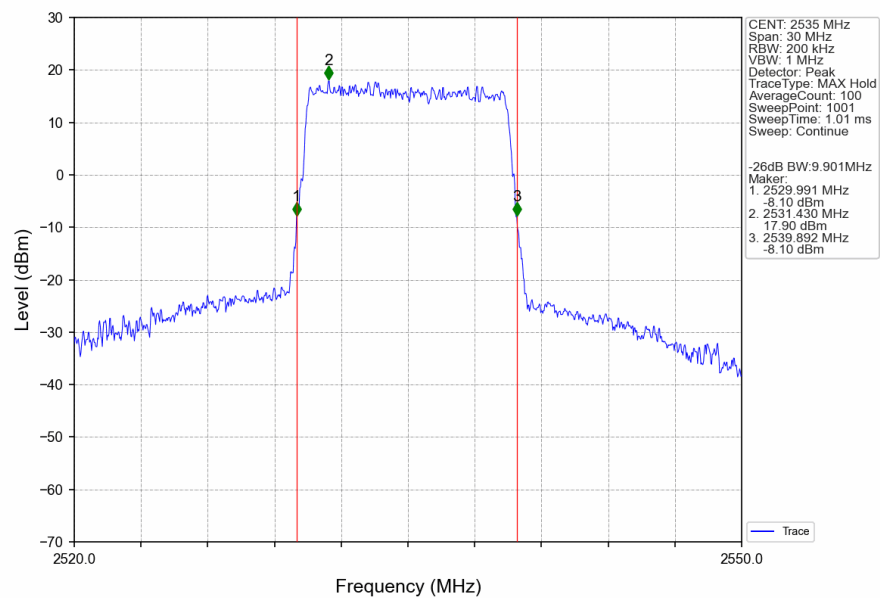
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



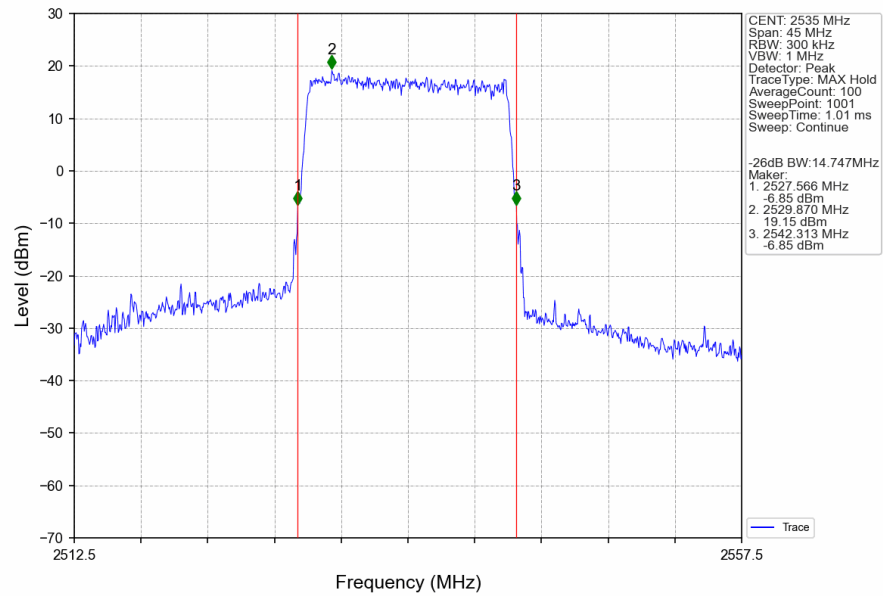
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



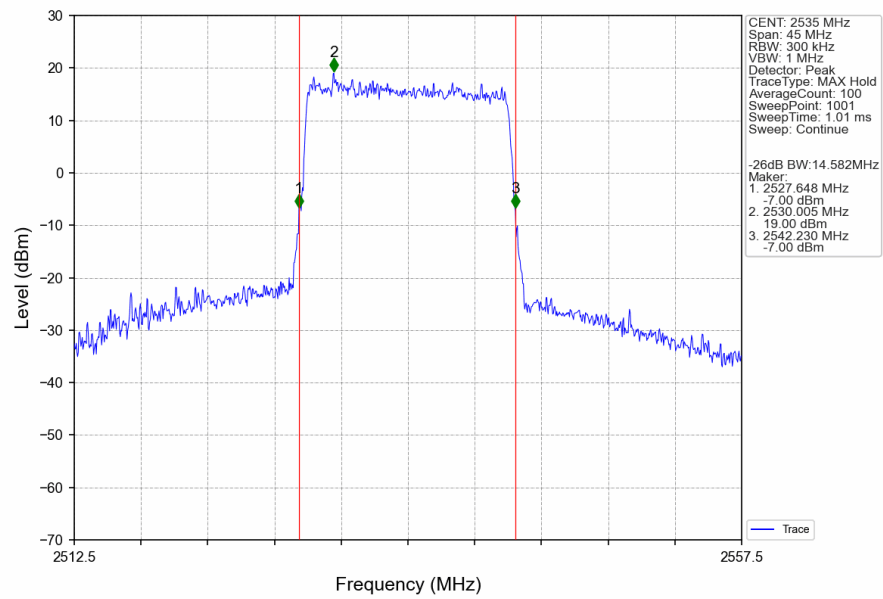
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



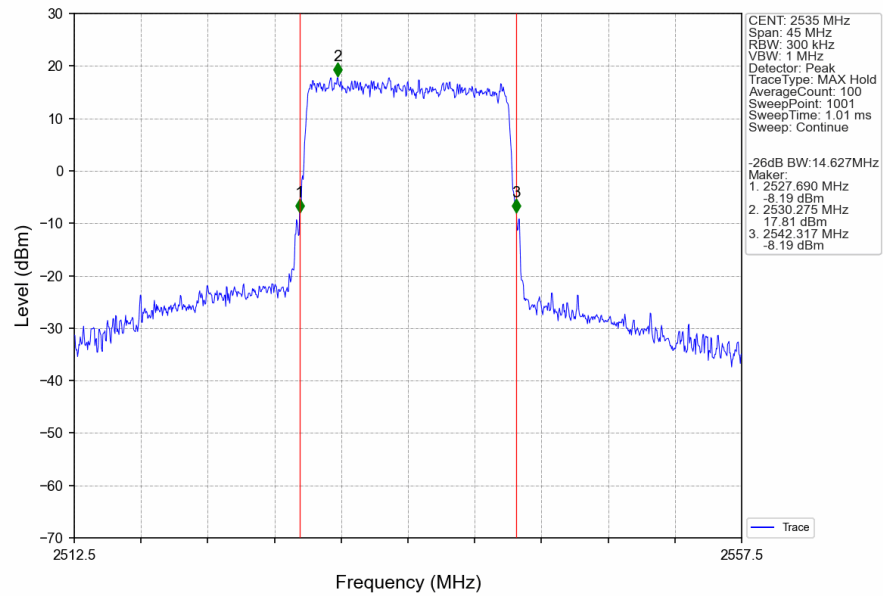
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



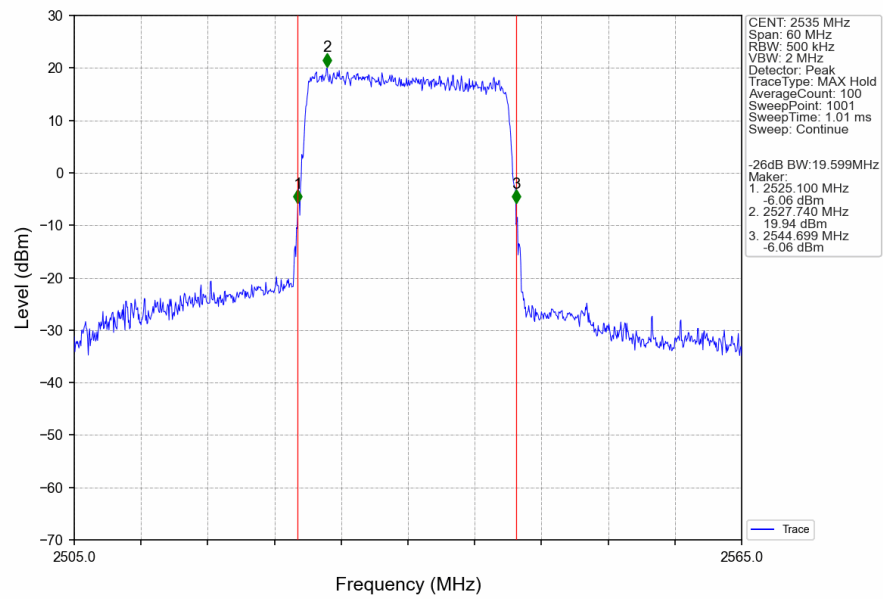
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



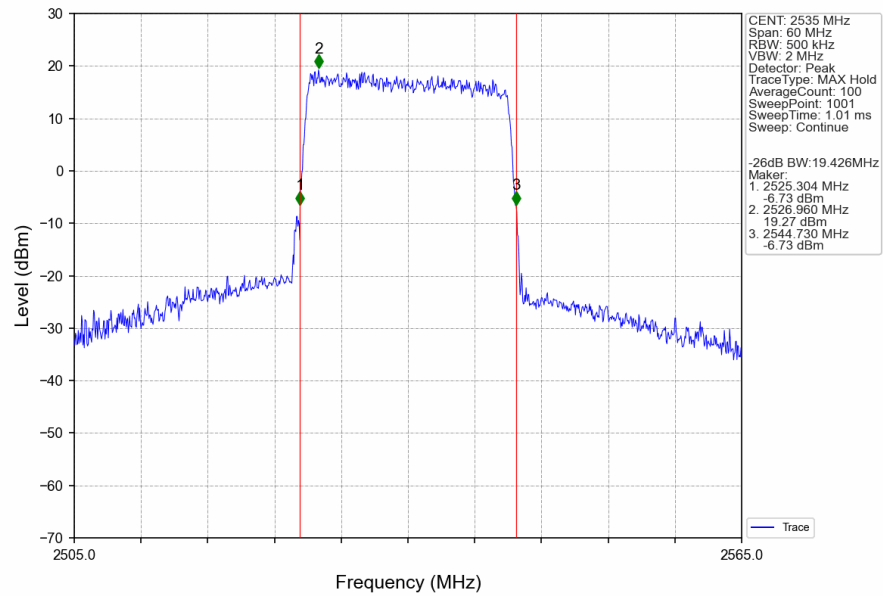
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



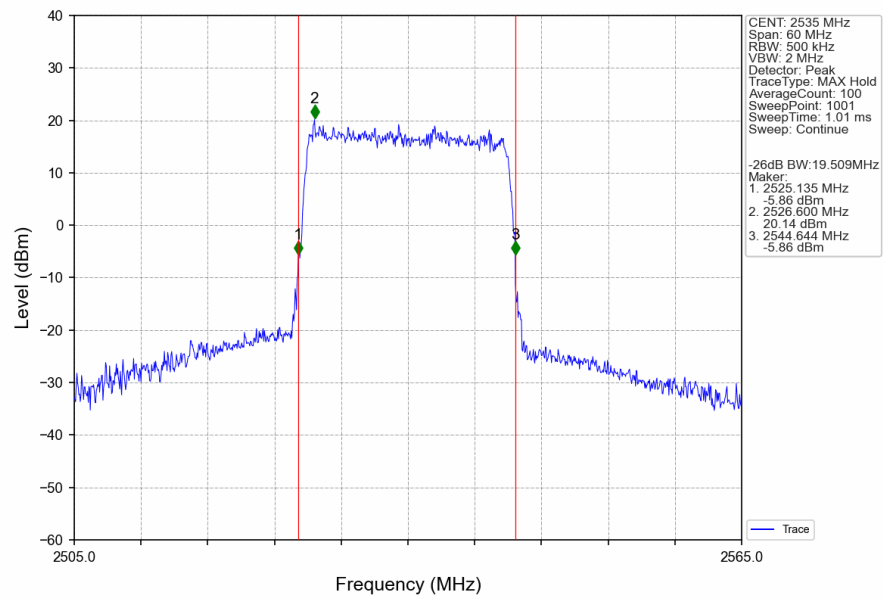
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



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



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



4. Peak-Average Ratio

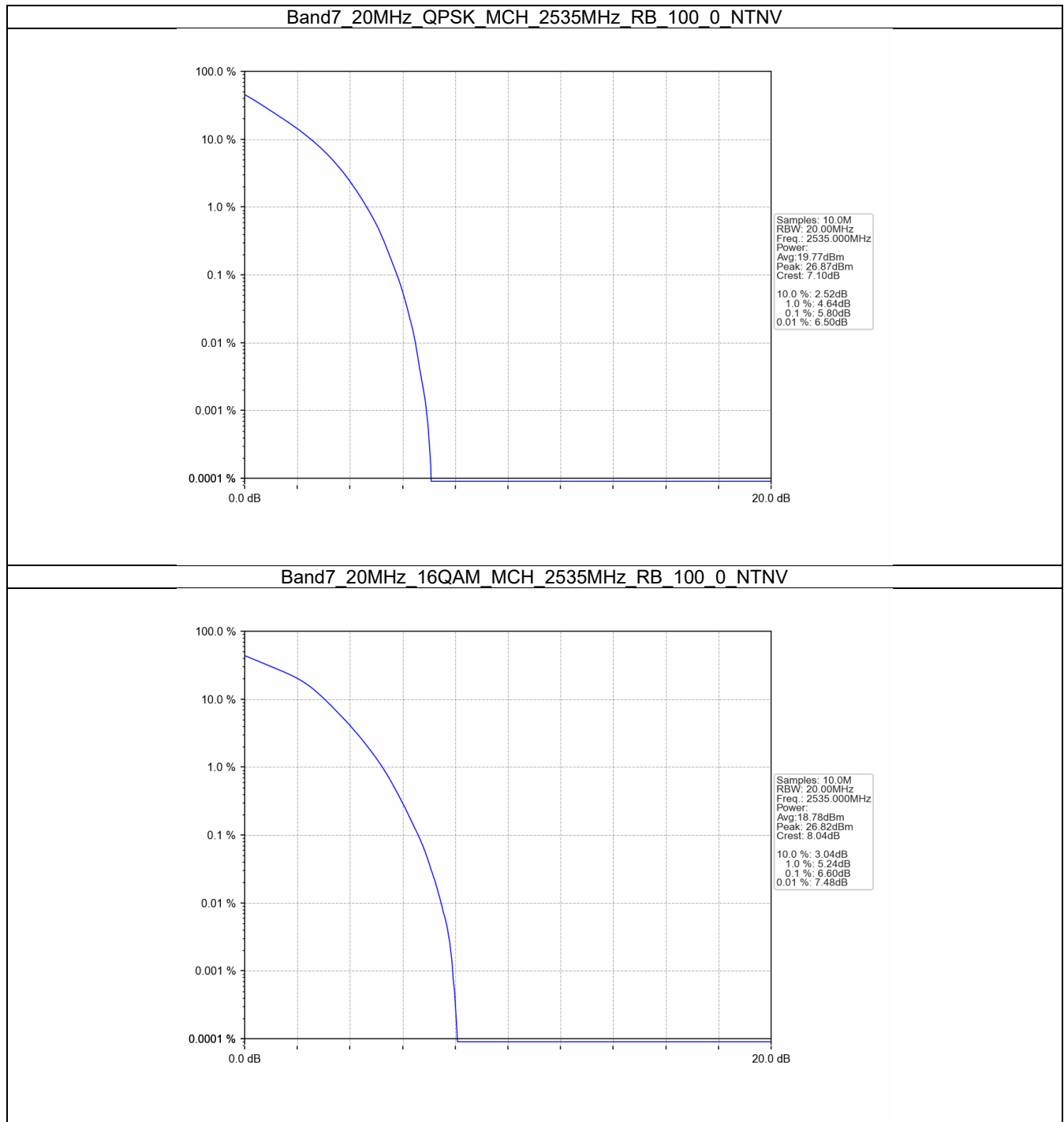
4.1 Test Result

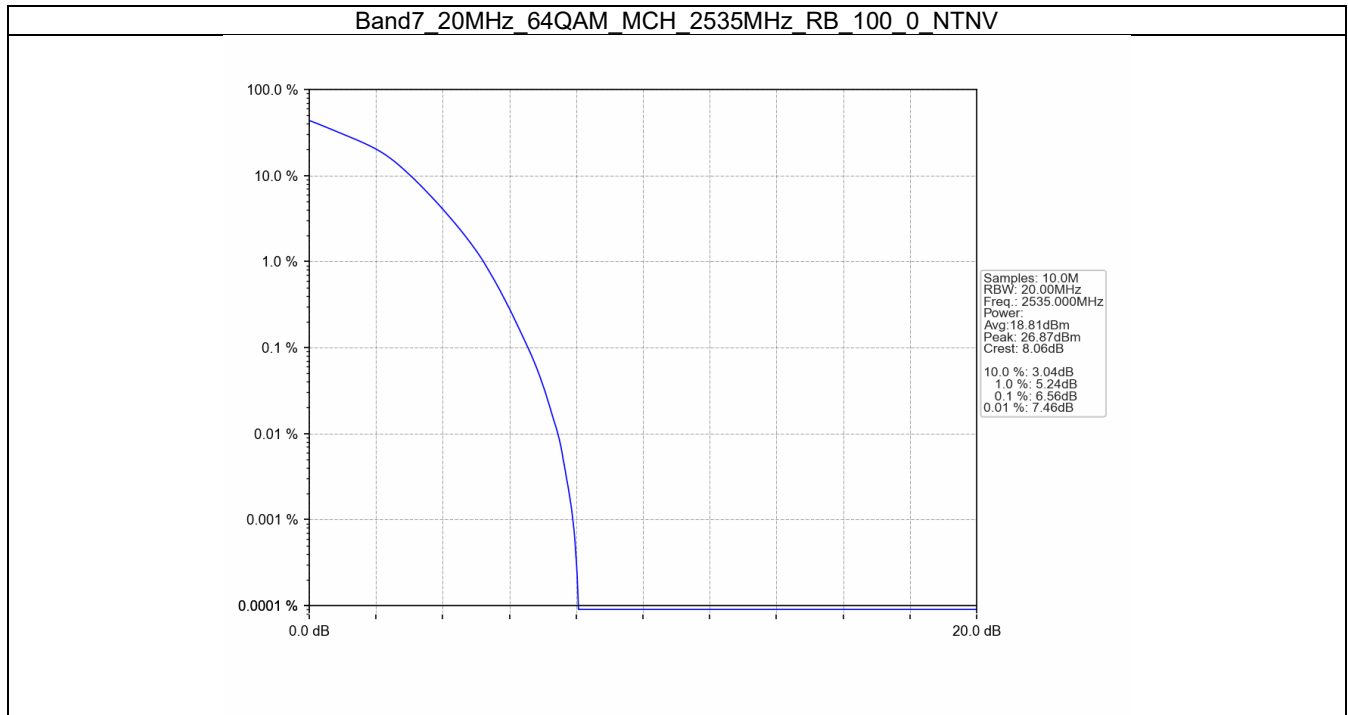
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.80	<=13	Pass
16QAM	2535	100	0	6.60	<=13	Pass
64QAM	2535	100	0	6.56	<=13	Pass

4.2 Test Graph

4.2.1 B7_20MHz





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

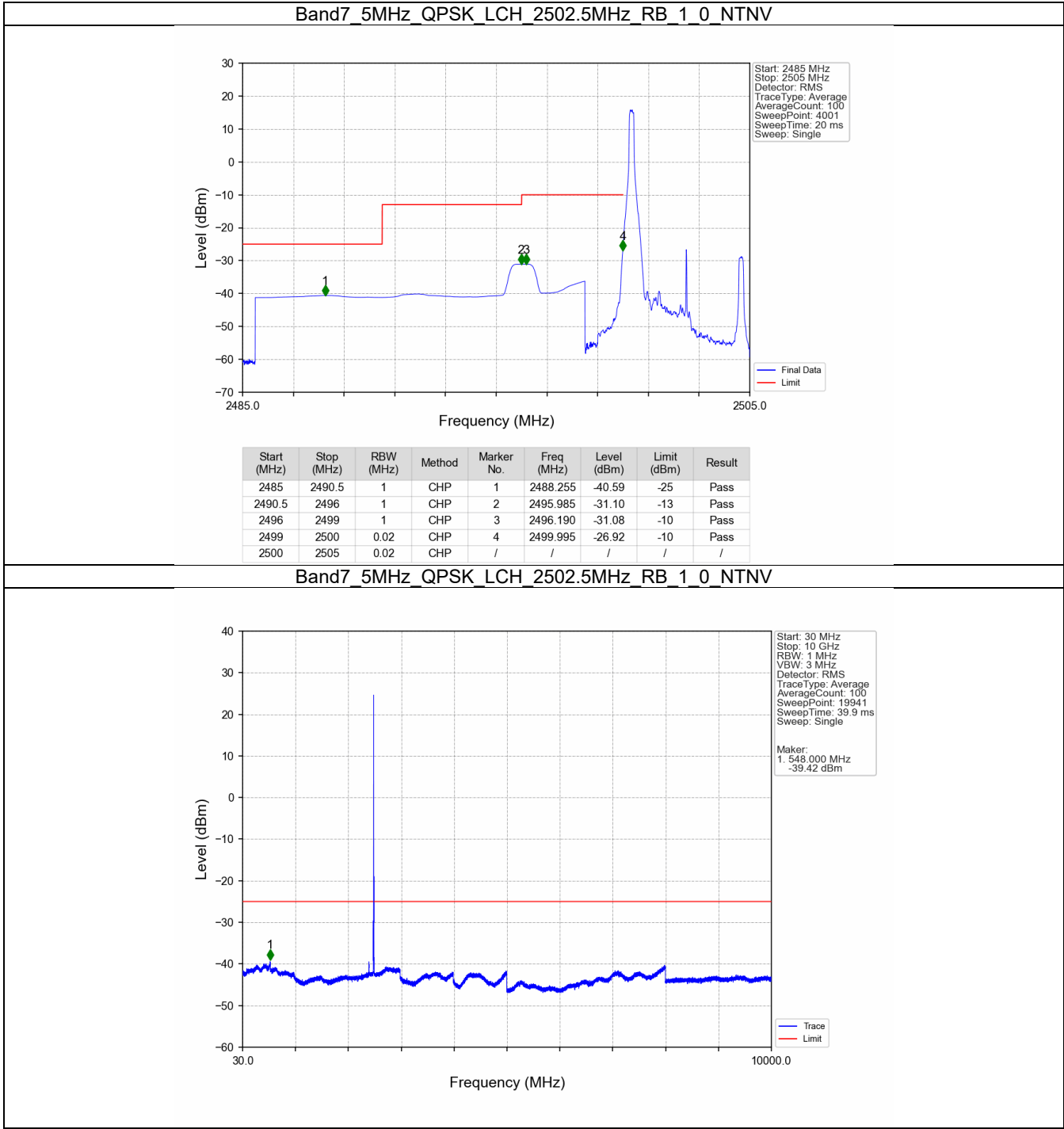
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

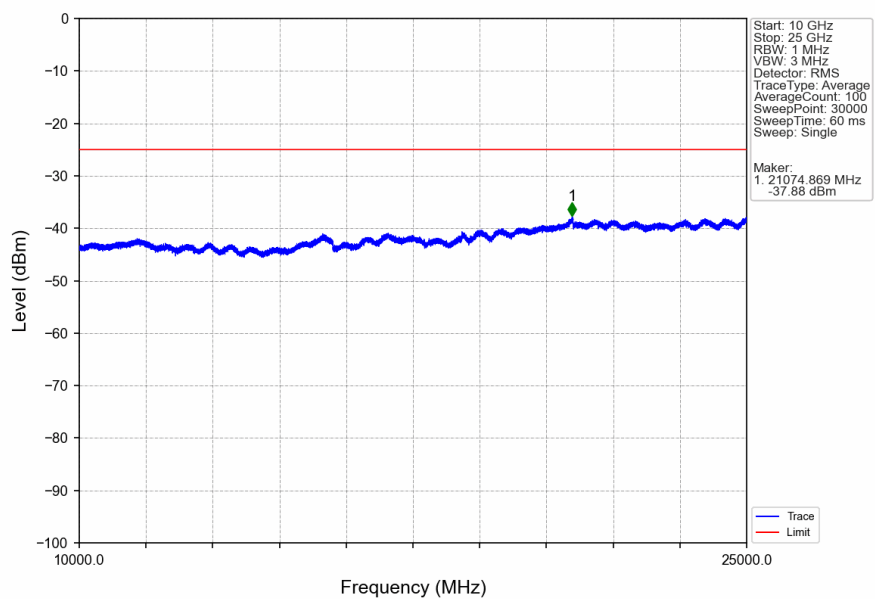
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

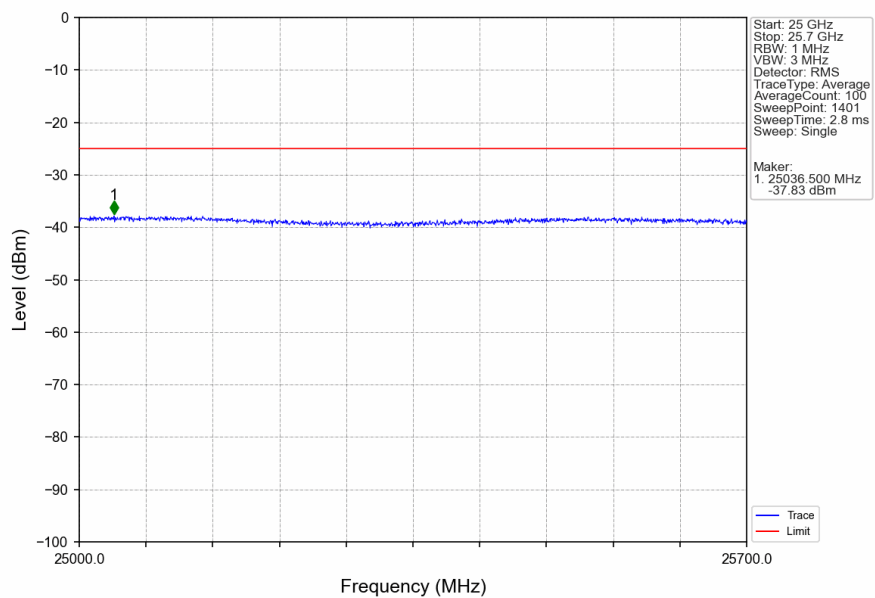
5.2.1 B7_5MHz



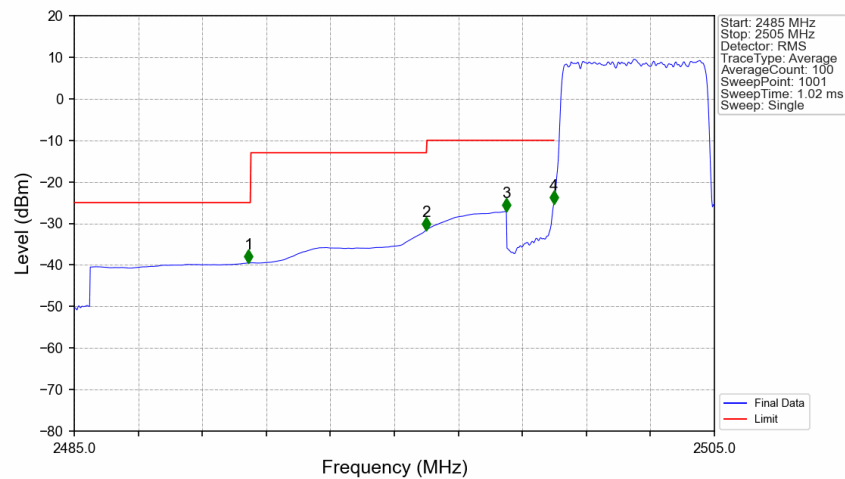
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

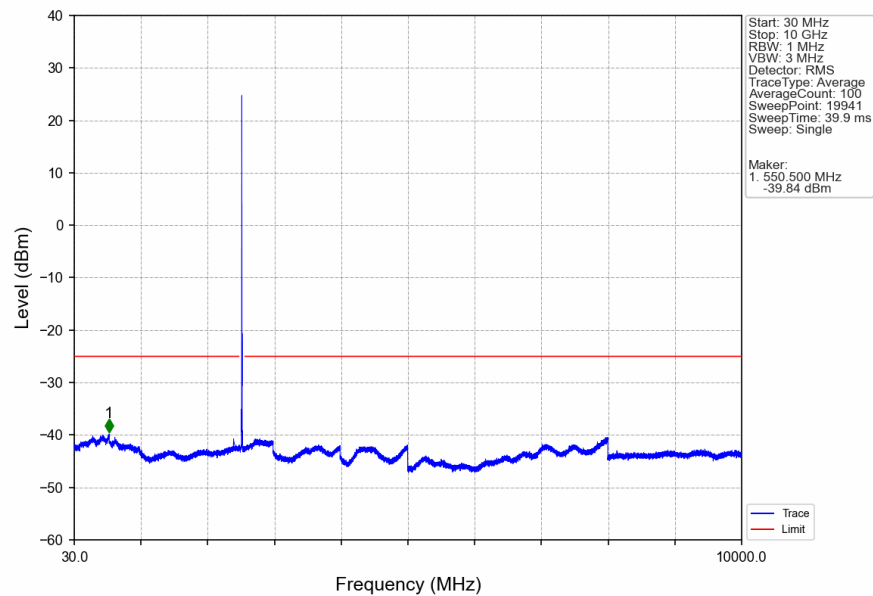


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

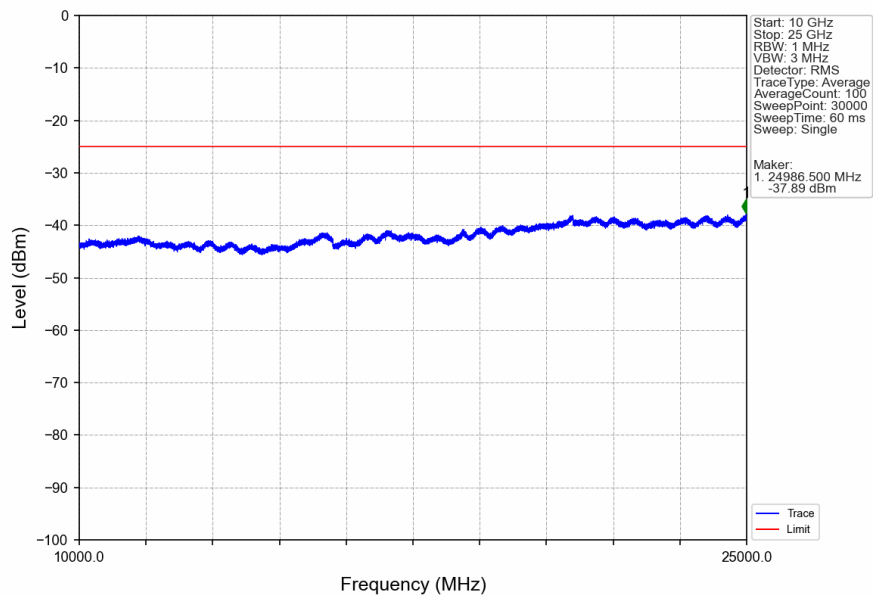


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.440	-39.51	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-31.60	-13	Pass
2496	2499	1	CHP	3	2498.500	-27.07	-10	Pass
2499	2500	0.1	/	4	2499.980	-25.34	-10	Pass
2500	2505	0.1	/	/	/	/	/	/

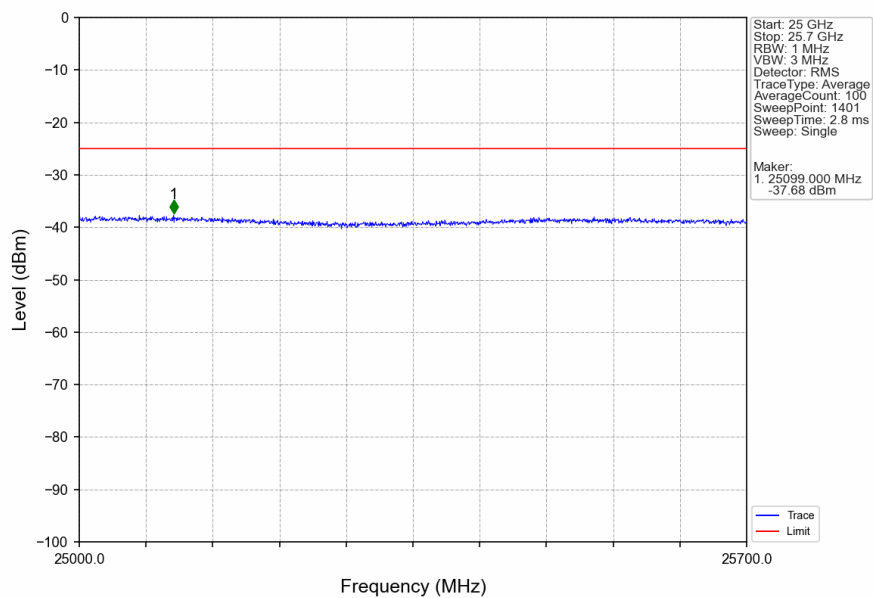
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



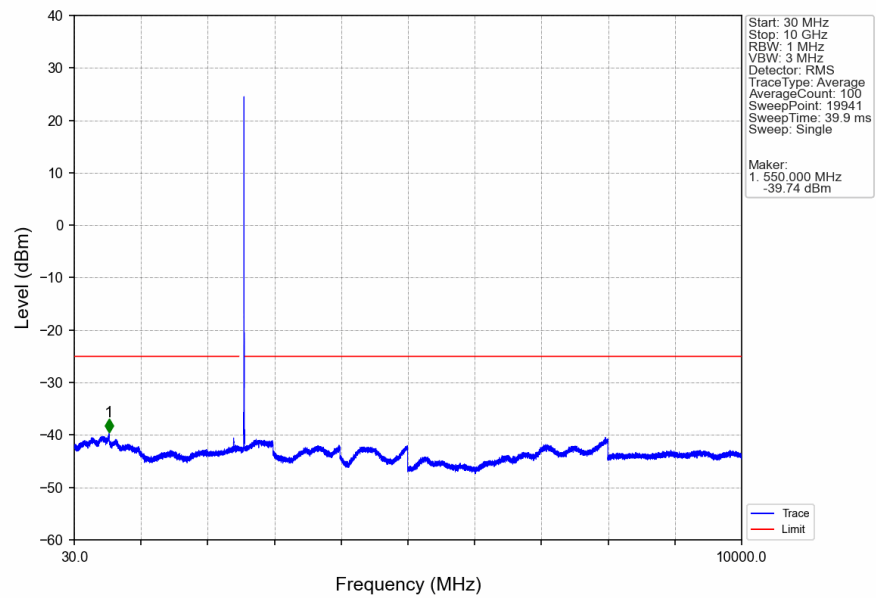
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



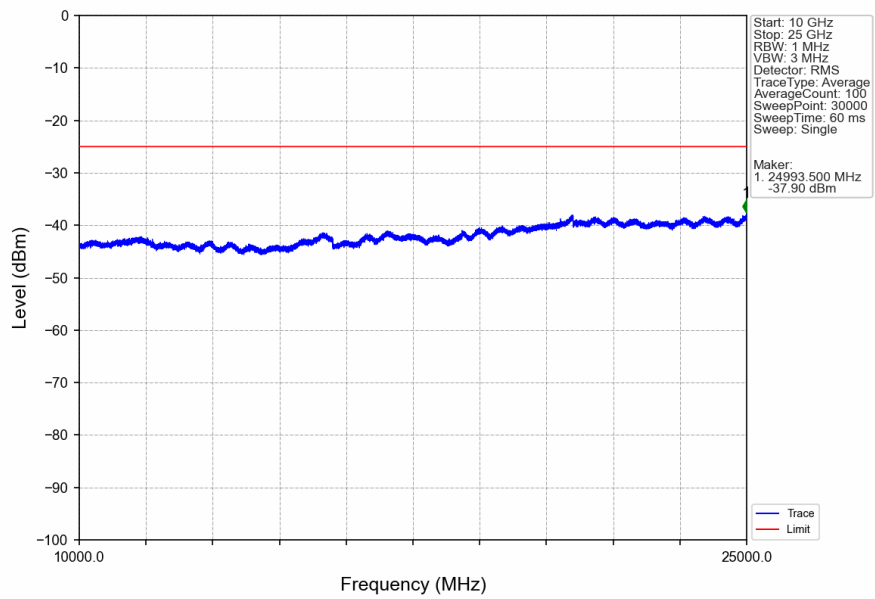
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



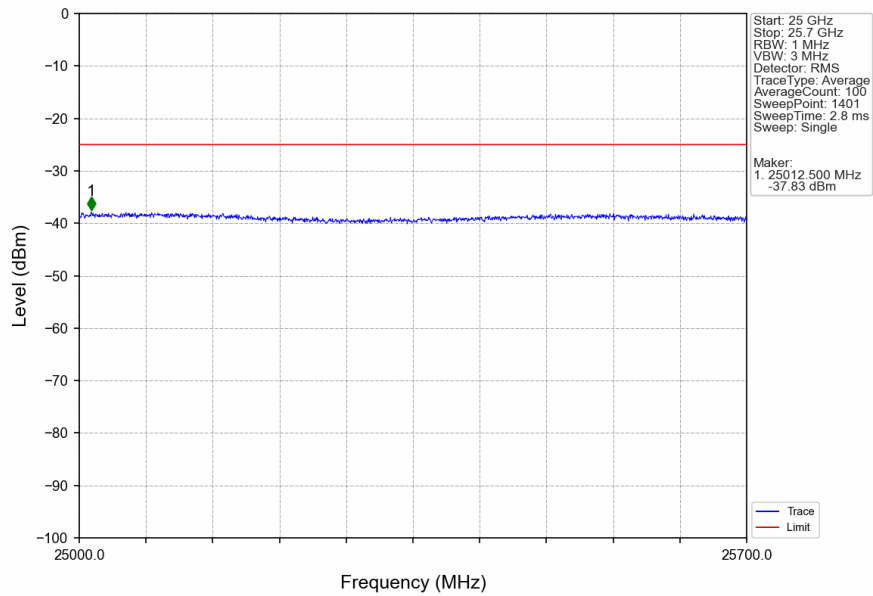
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



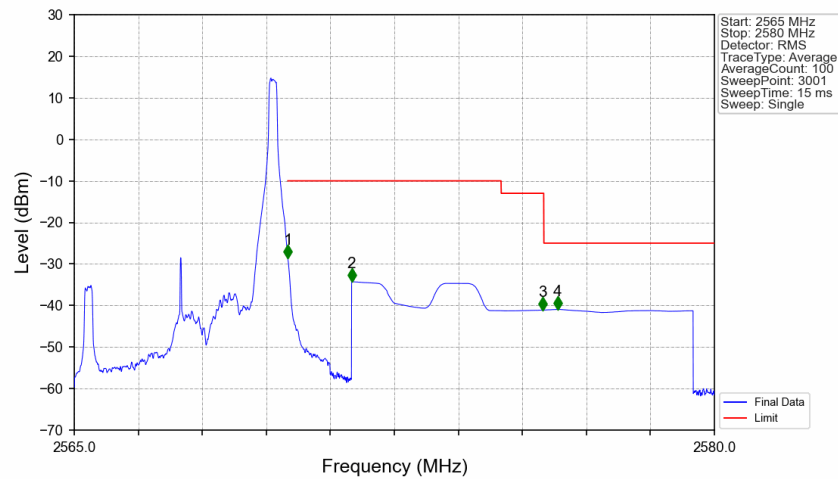
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

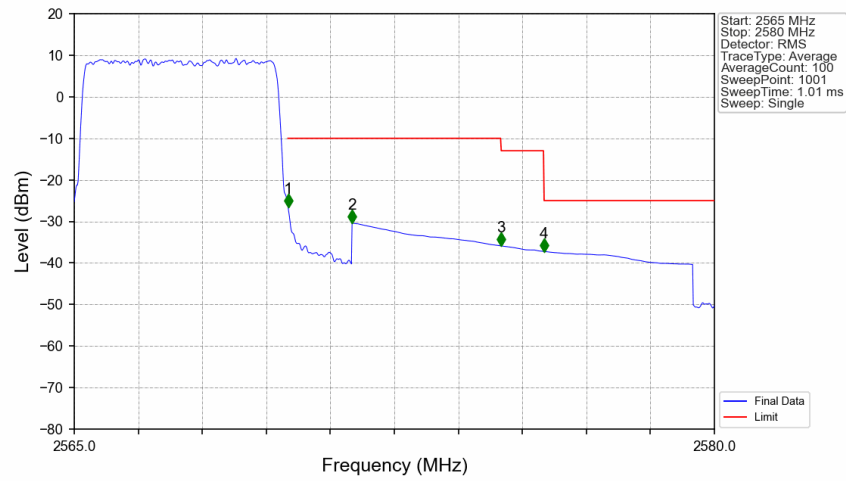


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



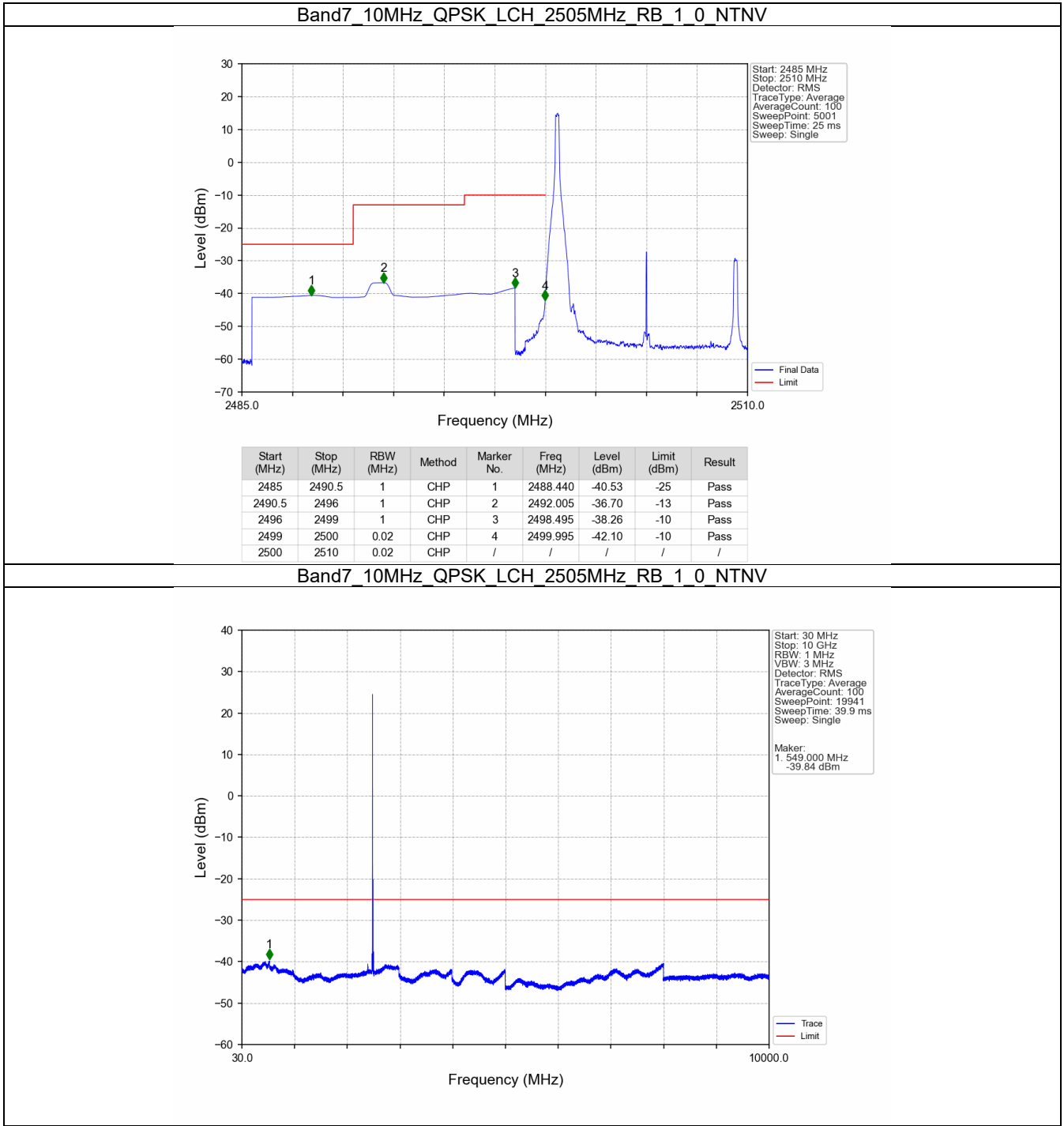
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.65	-10	Pass
2571	2575	1	CHP	2	2571.500	-34.28	-10	Pass
2575	2576	1	CHP	3	2575.980	-41.12	-13	Pass
2576	2580	1	CHP	4	2576.330	-40.93	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

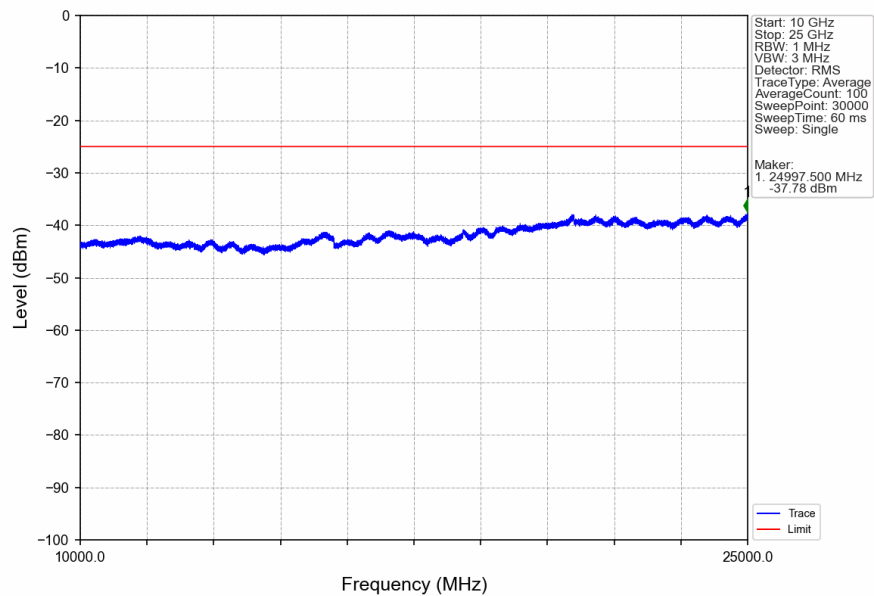


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.010	-26.55	-10	Pass
2571	2575	1	CHP	2	2571.510	-30.35	-10	Pass
2575	2576	1	CHP	3	2575.005	-35.88	-13	Pass
2576	2580	1	CHP	4	2576.010	-37.24	-25	Pass

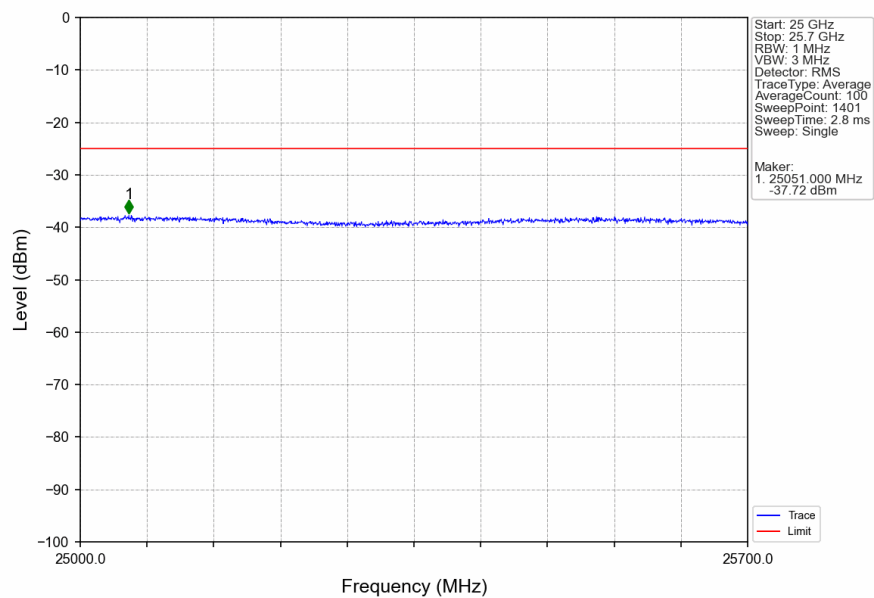
5.2.2 B7_10MHz



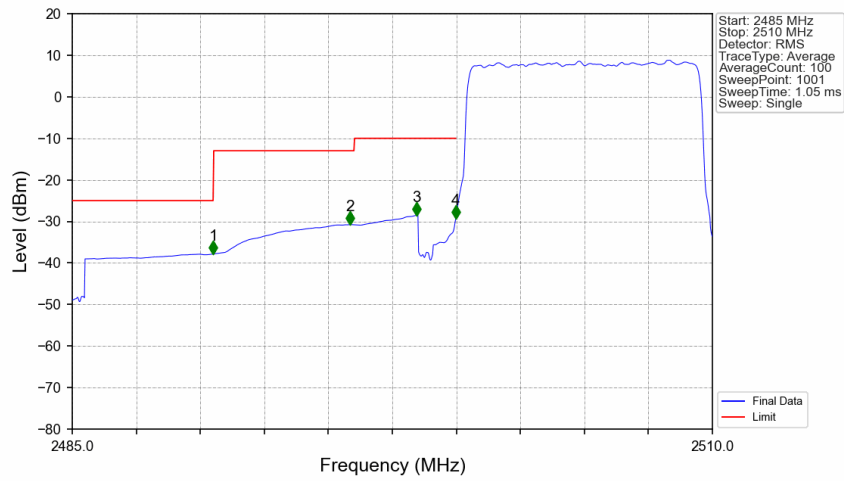
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

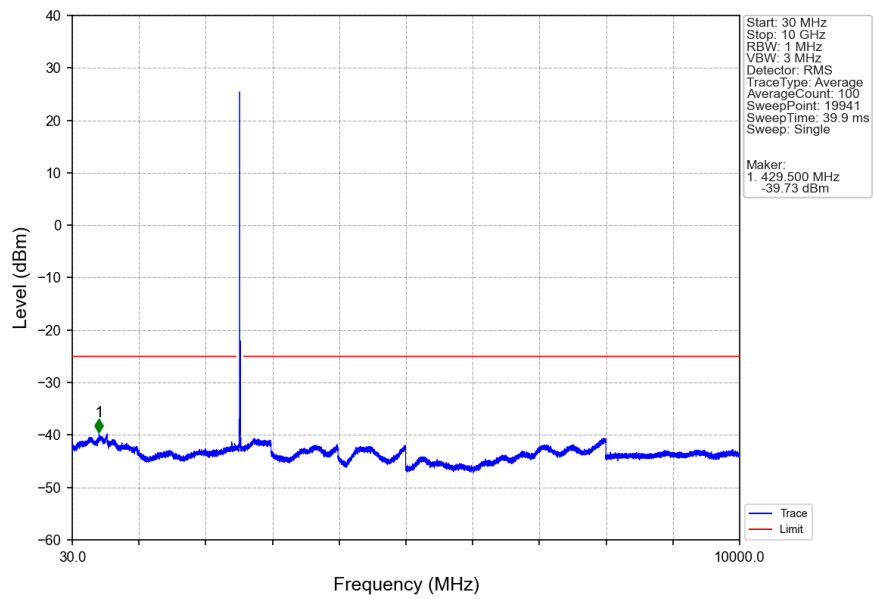


Band7 10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

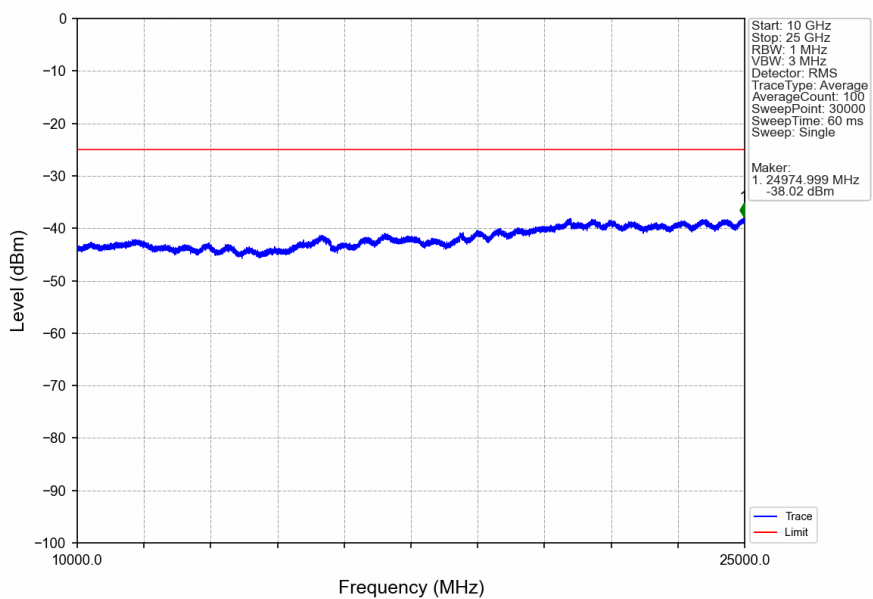


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-37.86	-25	Pass
2490.5	2496	1	CHP	2	2495.850	-30.76	-13	Pass
2496	2499	1	CHP	3	2498.450	-28.53	-10	Pass
2499	2500	0.197	CHP	4	2499.975	-29.34	-10	Pass
2500	2510	0.197	CHP	/	/	/	/	/

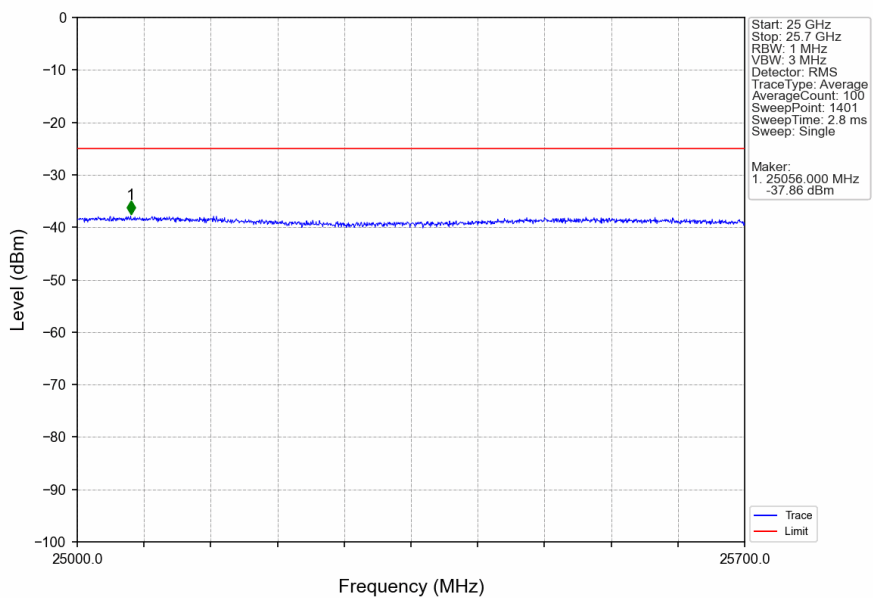
Band7 10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



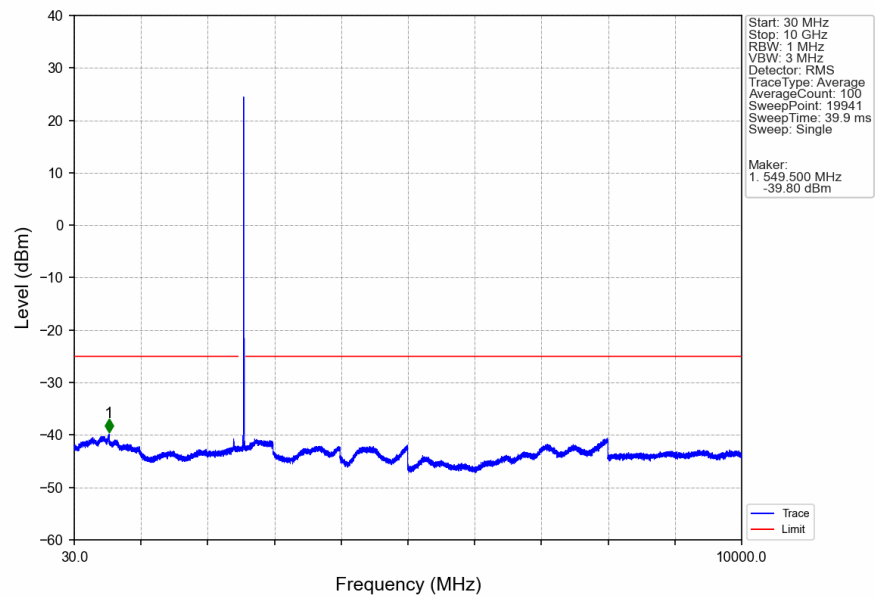
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



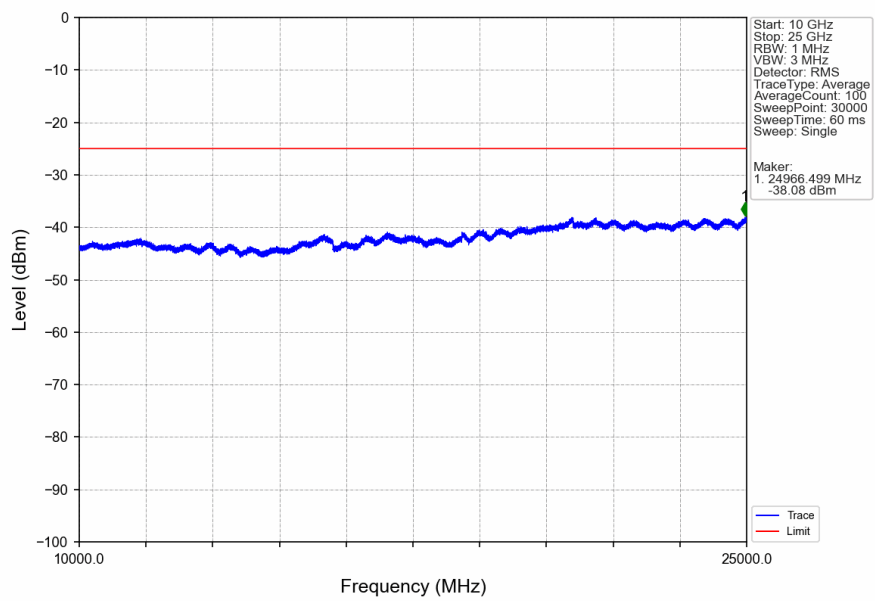
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



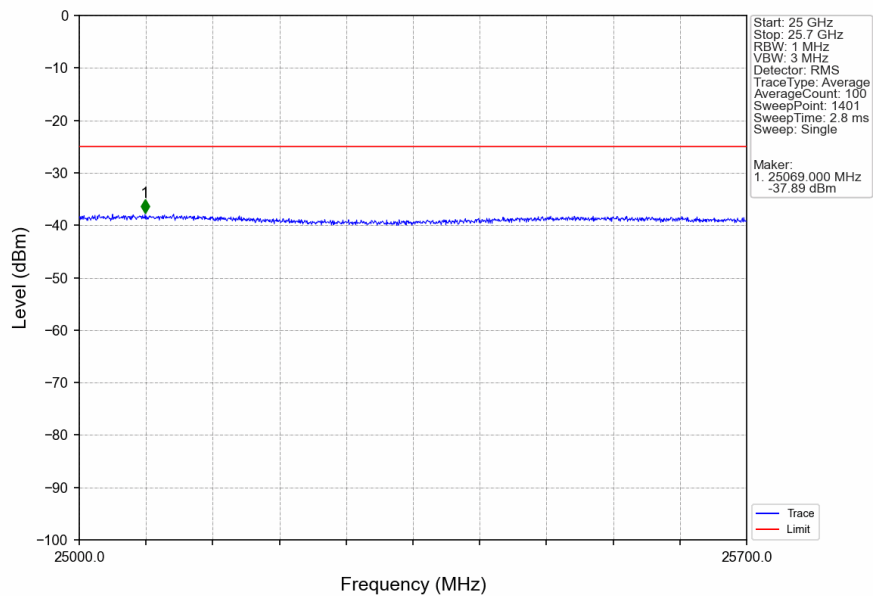
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



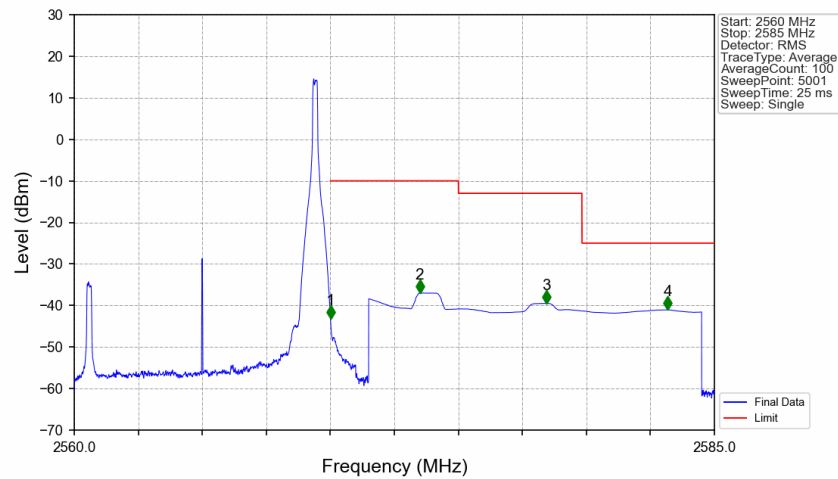
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

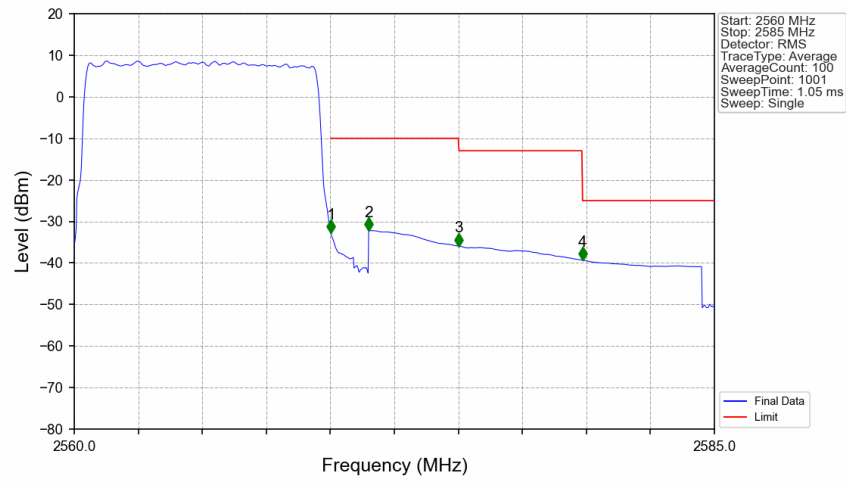


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



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	-43.20	-10	Pass
2571	2575	1	CHP	2	2573.495	-37.01	-10	Pass
2575	2579.828	1	CHP	3	2578.445	-39.50	-13	Pass
2579.828	2585	1	CHP	4	2583.180	-41.03	-25	Pass

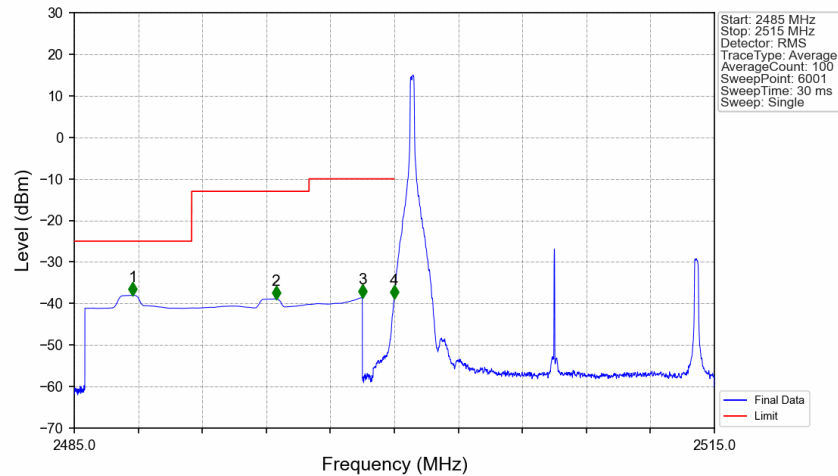
Band7 10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.197	CHP	/	/	/	/	/
2570	2571	0.197	CHP	1	2570.025	-32.83	-10	Pass
2571	2575	1	CHP	2	2571.500	-32.17	-10	Pass
2575	2579.828	1	CHP	3	2575.025	-35.96	-13	Pass
2579.828	2585	1	CHP	4	2579.850	-39.32	-25	Pass

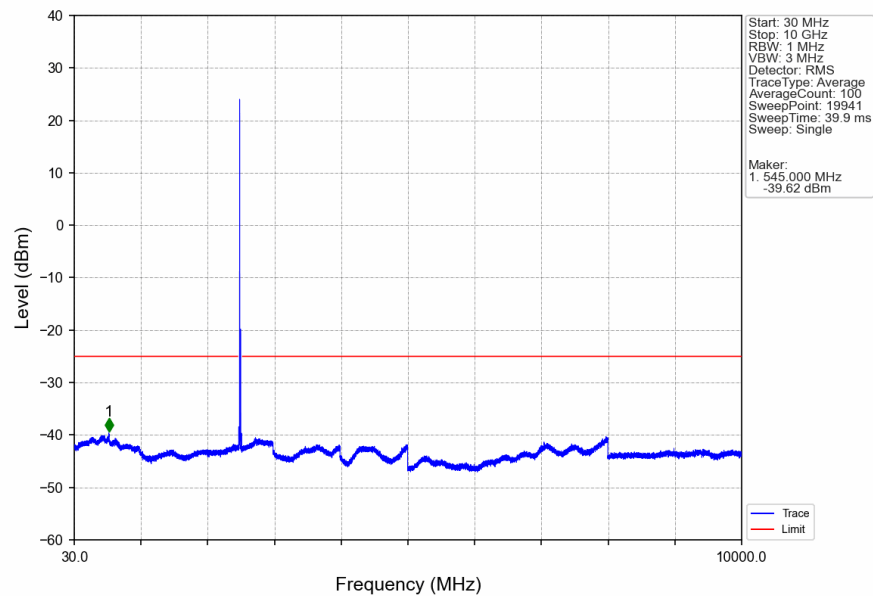
5.2.3 B7_15MHz

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

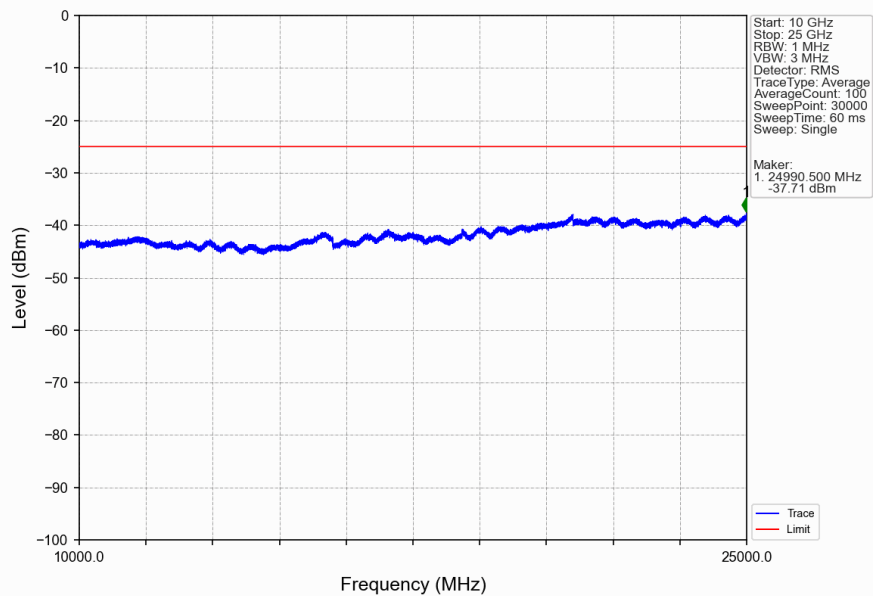


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.745	-38.03	-25	Pass
2490.5	2496	1	CHP	2	2494.455	-38.90	-13	Pass
2496	2499	1	CHP	3	2498.500	-38.53	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-38.76	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

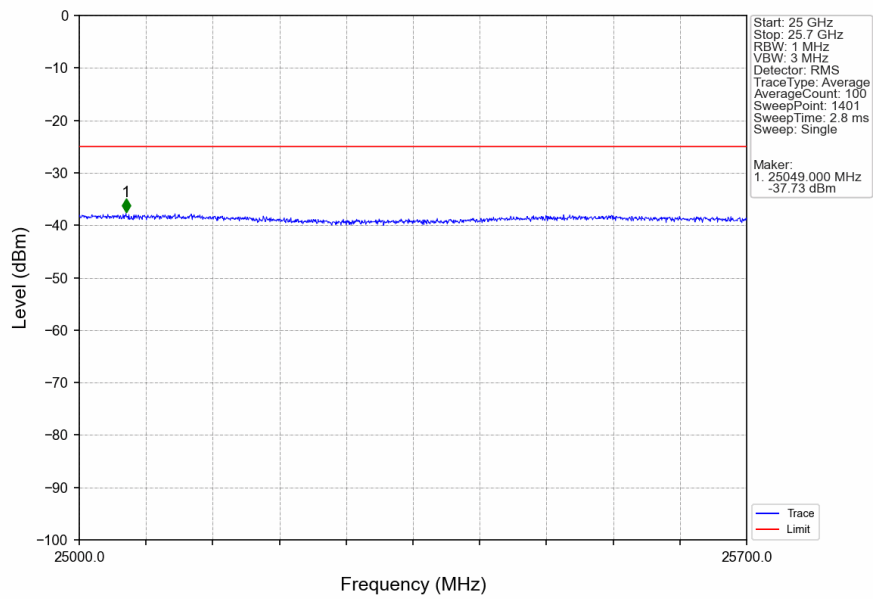
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



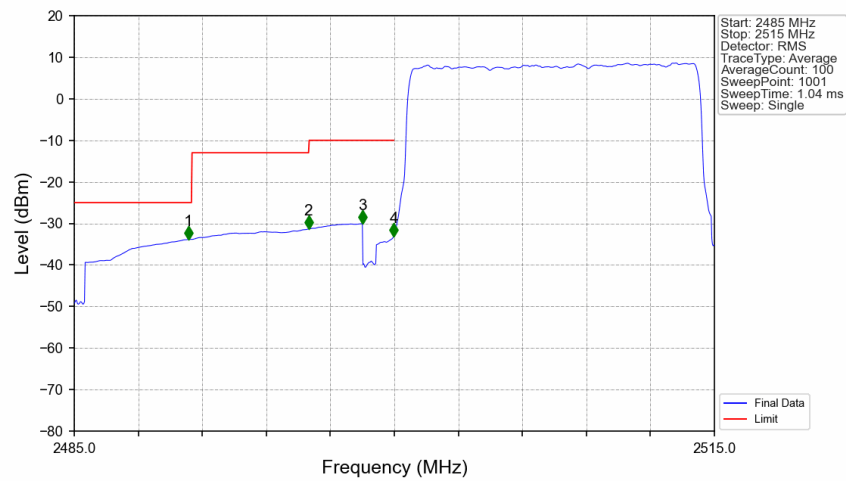
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

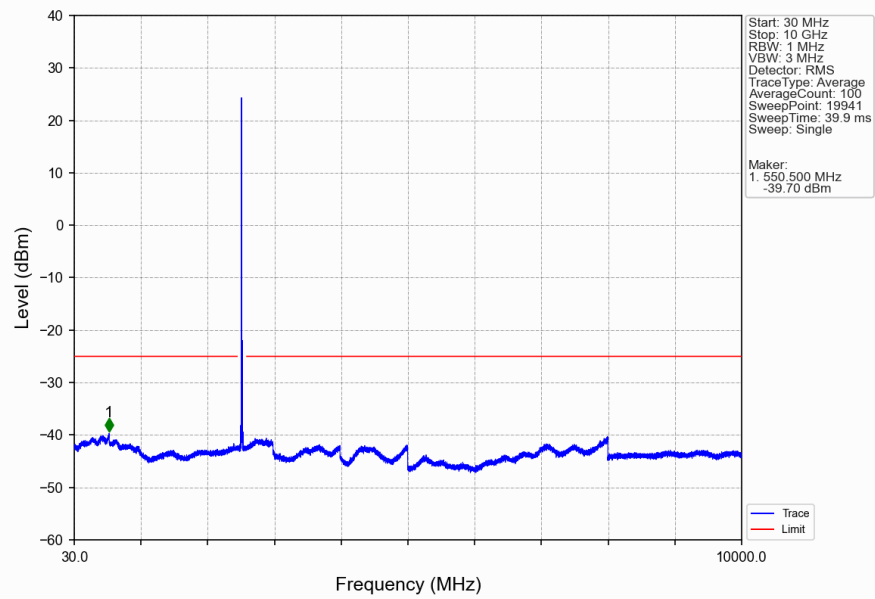


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

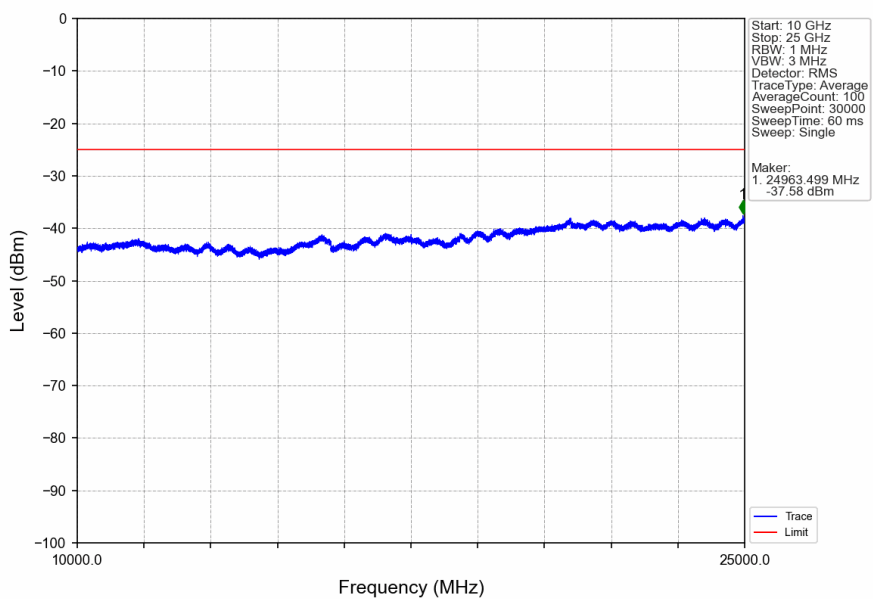


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.340	-33.86	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-31.33	-13	Pass
2496	2499	1	CHP	3	2498.500	-30.04	-10	Pass
2499	2500	0.295	CHP	4	2499.970	-33.15	-10	Pass
2500	2515	0.295	CHP	/	/	/	/	/

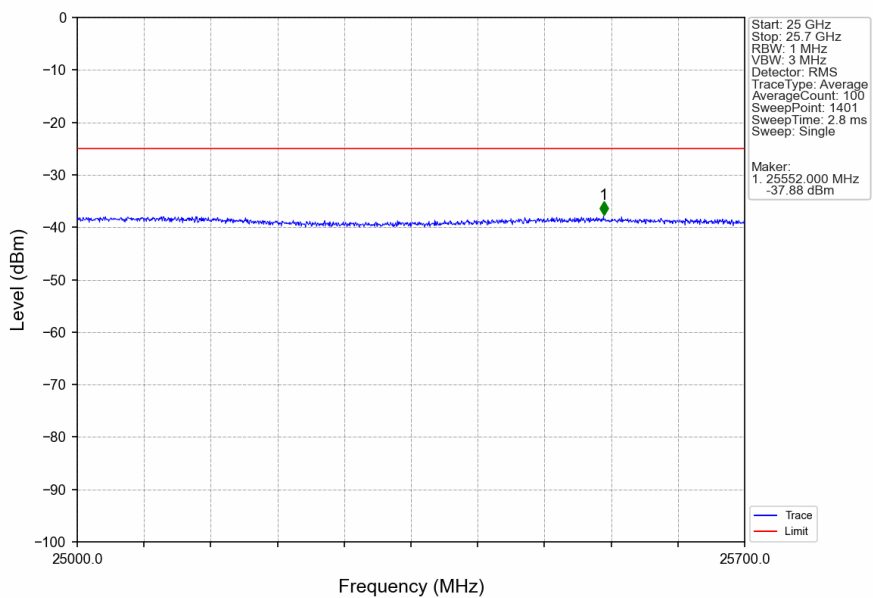
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



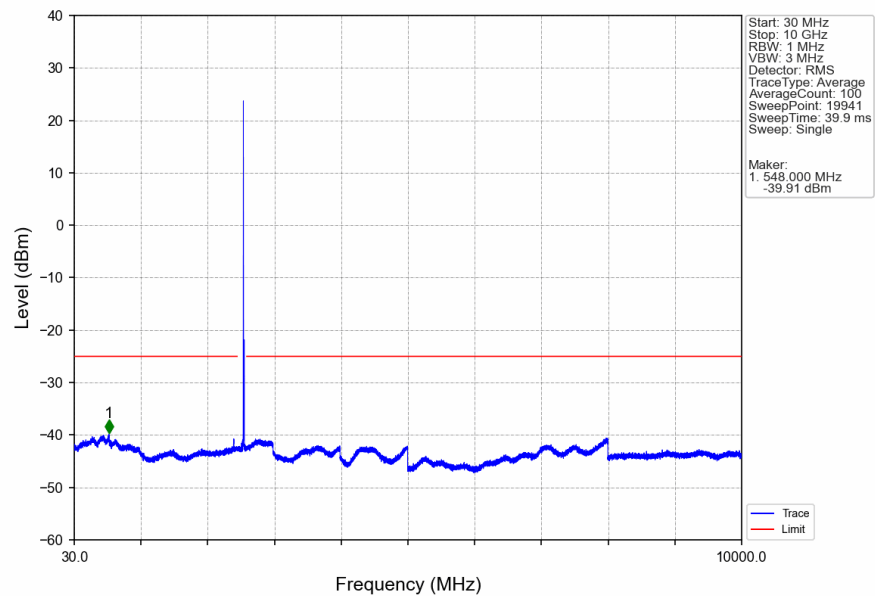
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



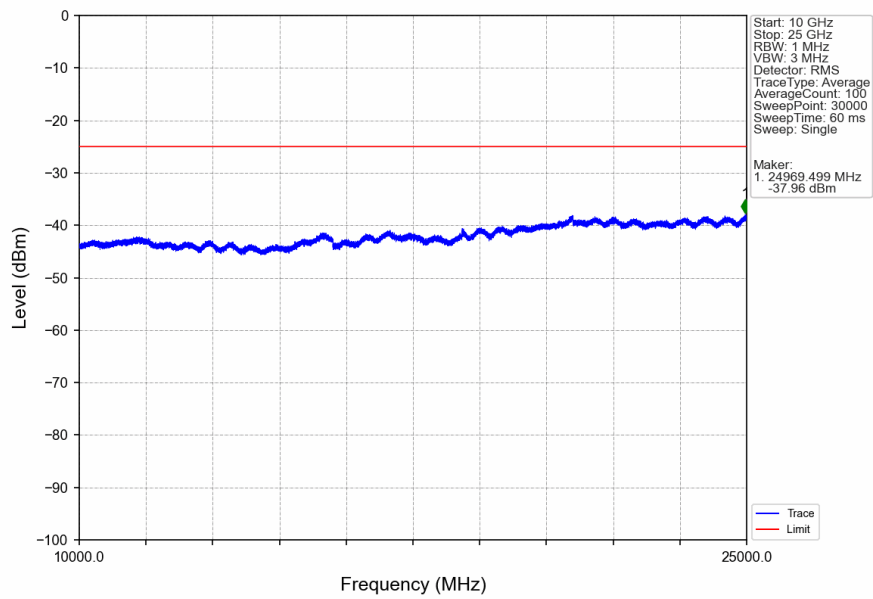
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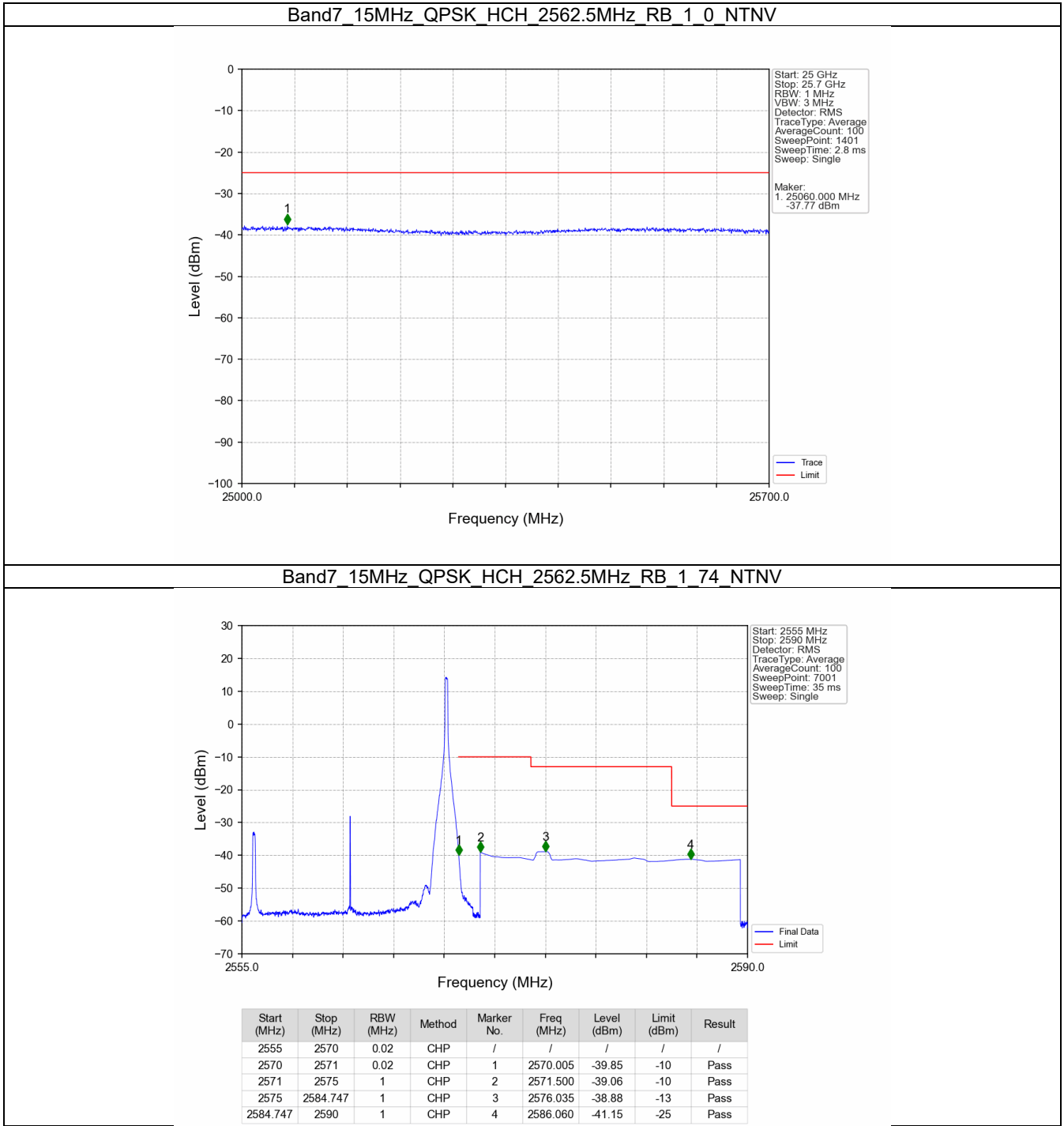


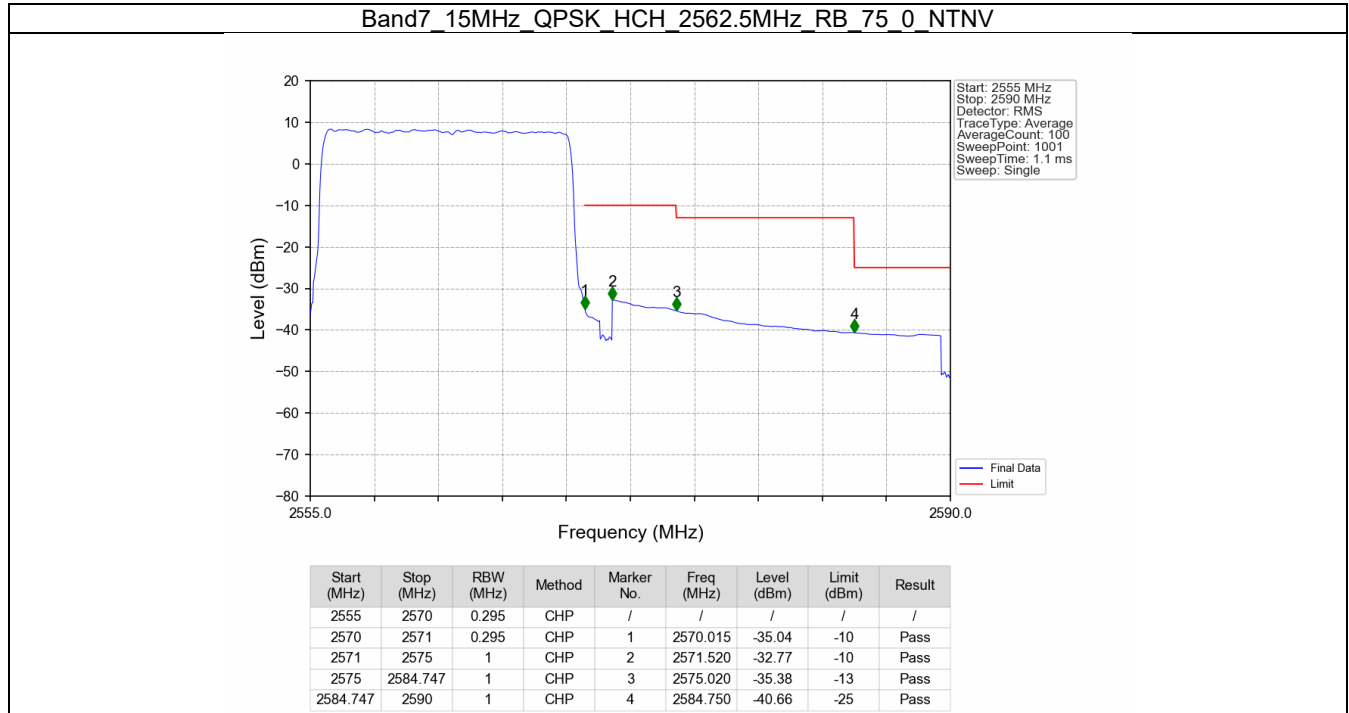
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



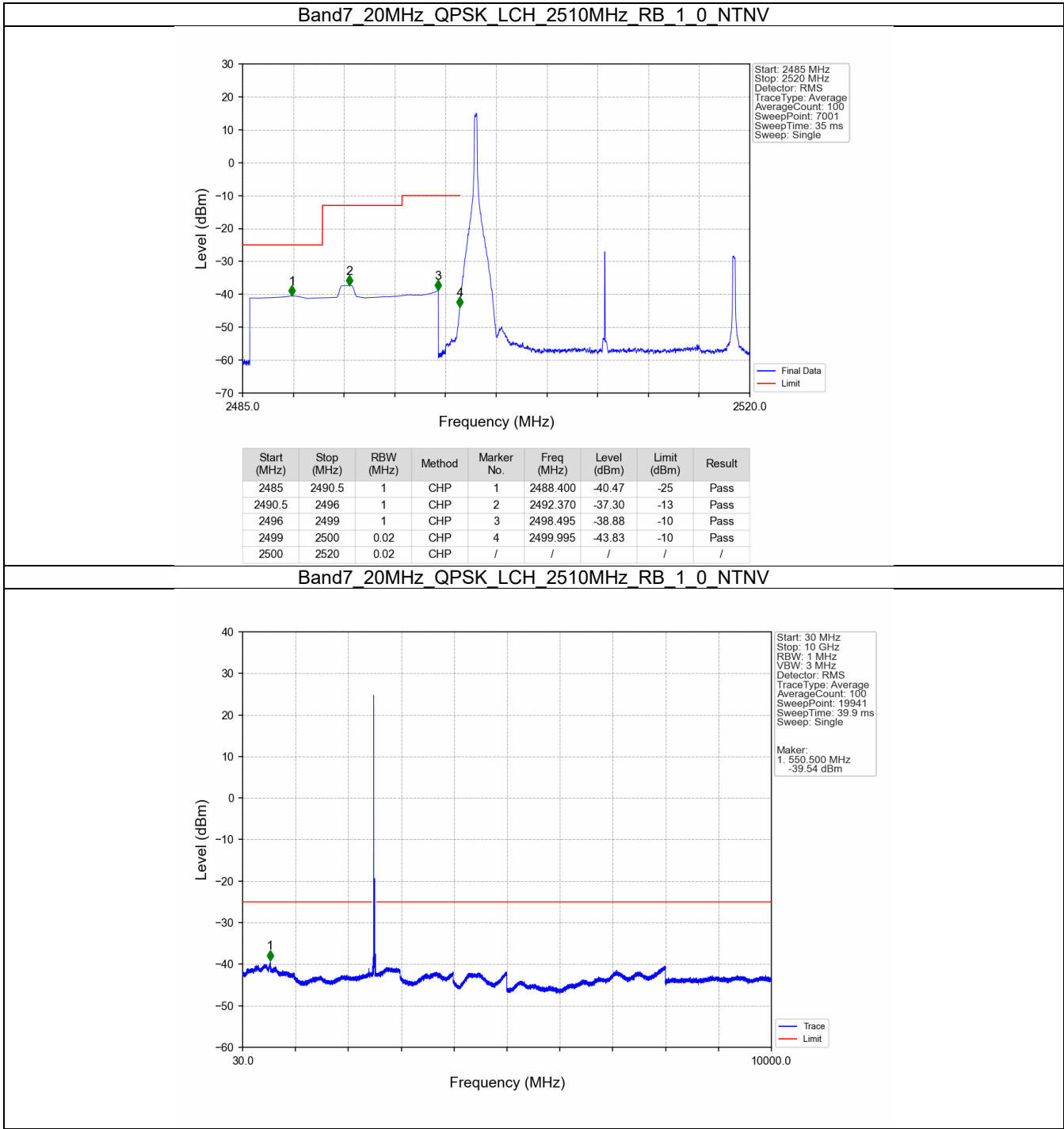
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



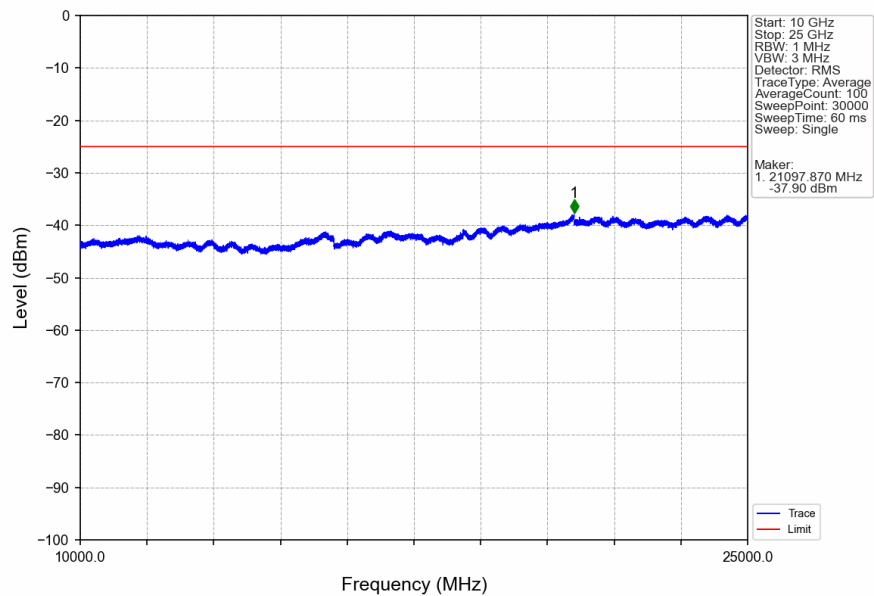




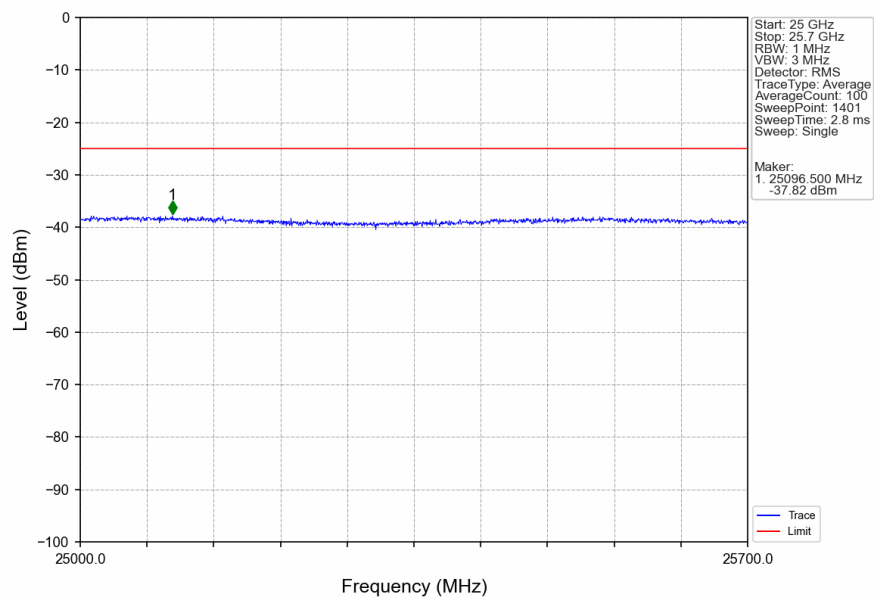
5.2.4 B7_20MHz



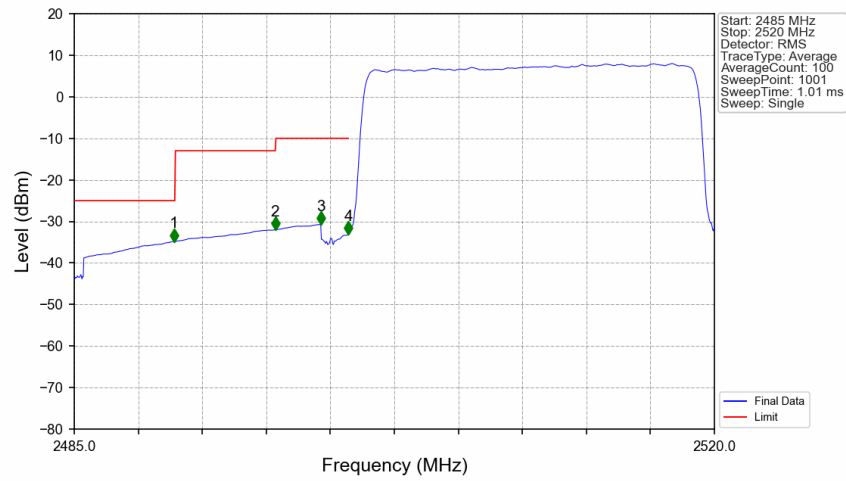
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

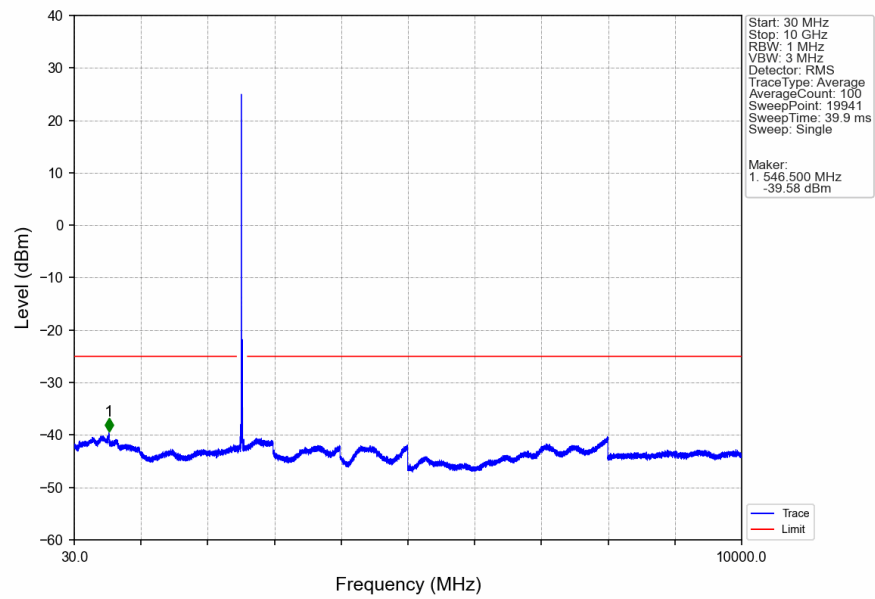


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

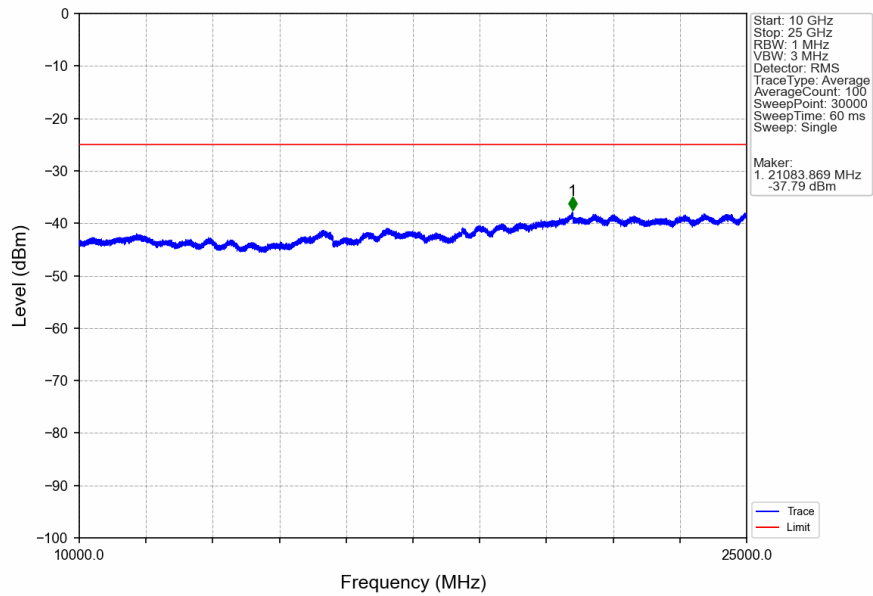


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-34.86	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-32.04	-13	Pass
2496	2499	1	CHP	3	2498.475	-30.73	-10	Pass
2499	2500	0.392	CHP	4	2499.980	-33.21	-10	Pass
2500	2520	0.392	CHP	/	/	/	/	/

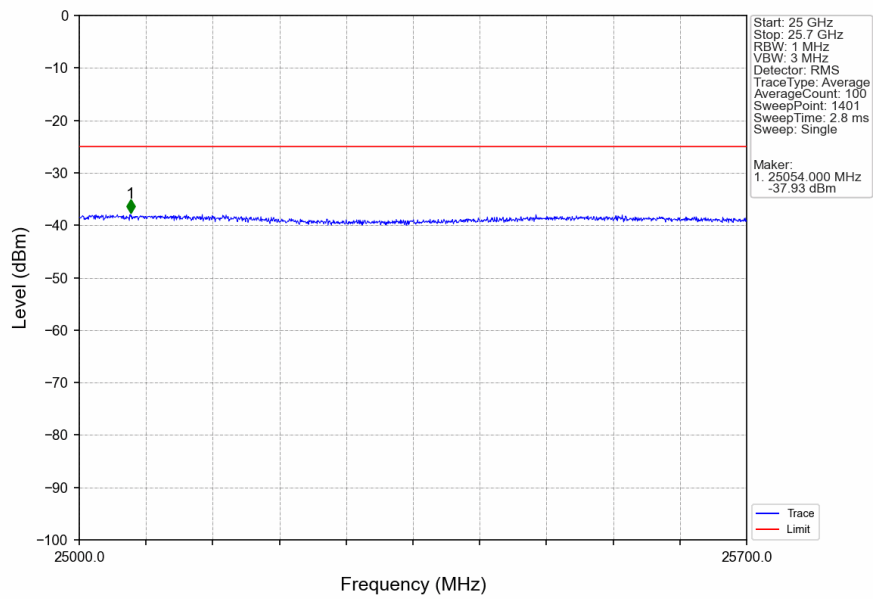
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

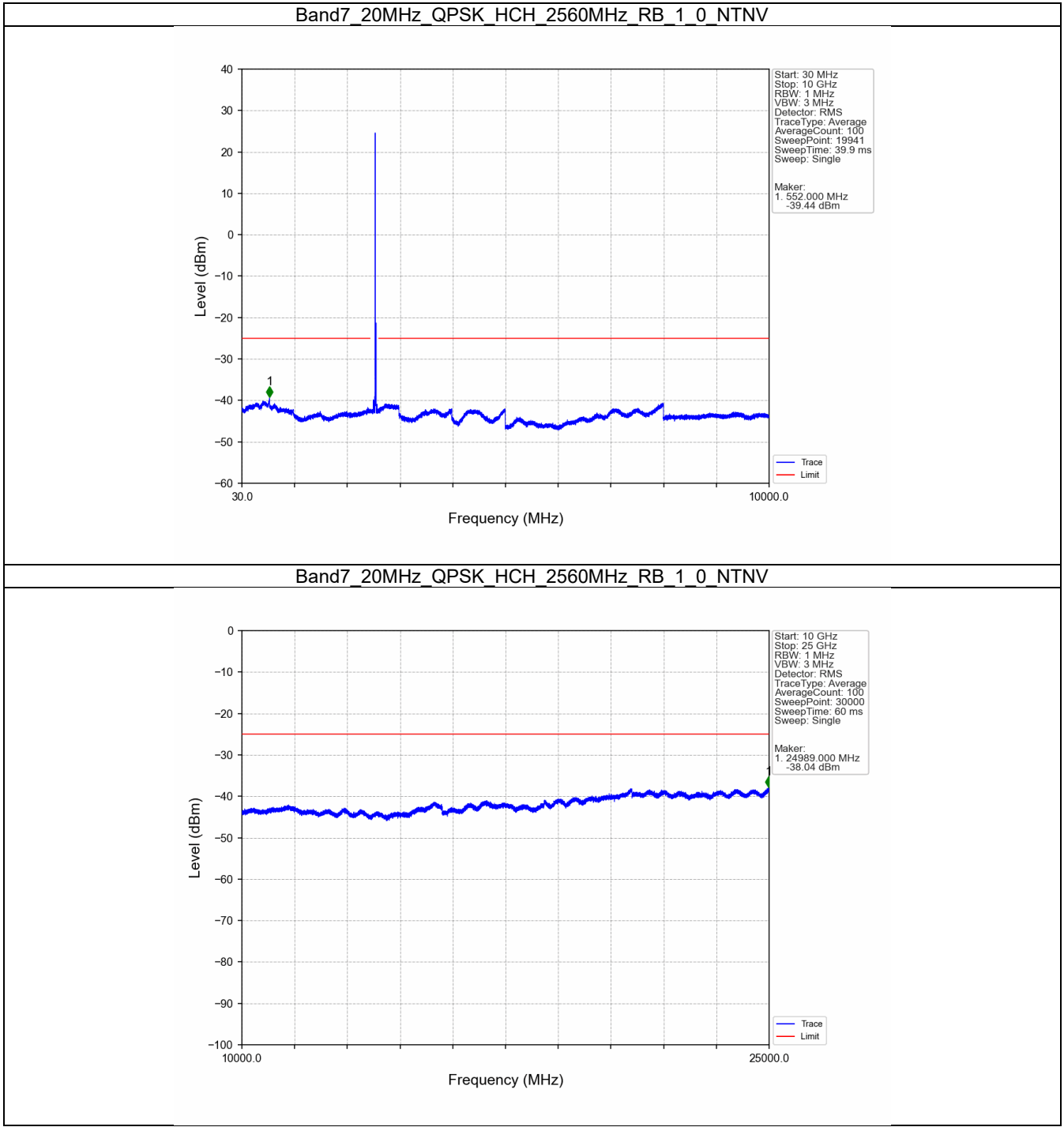


Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

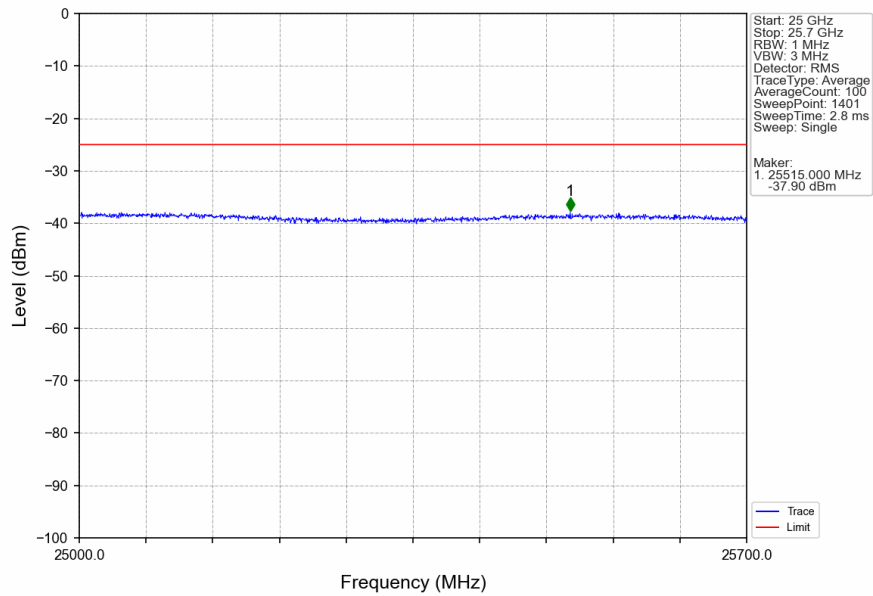


Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

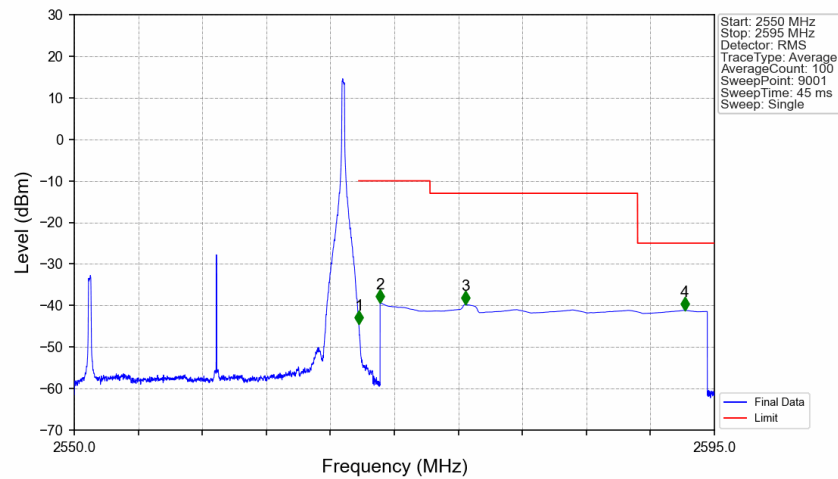




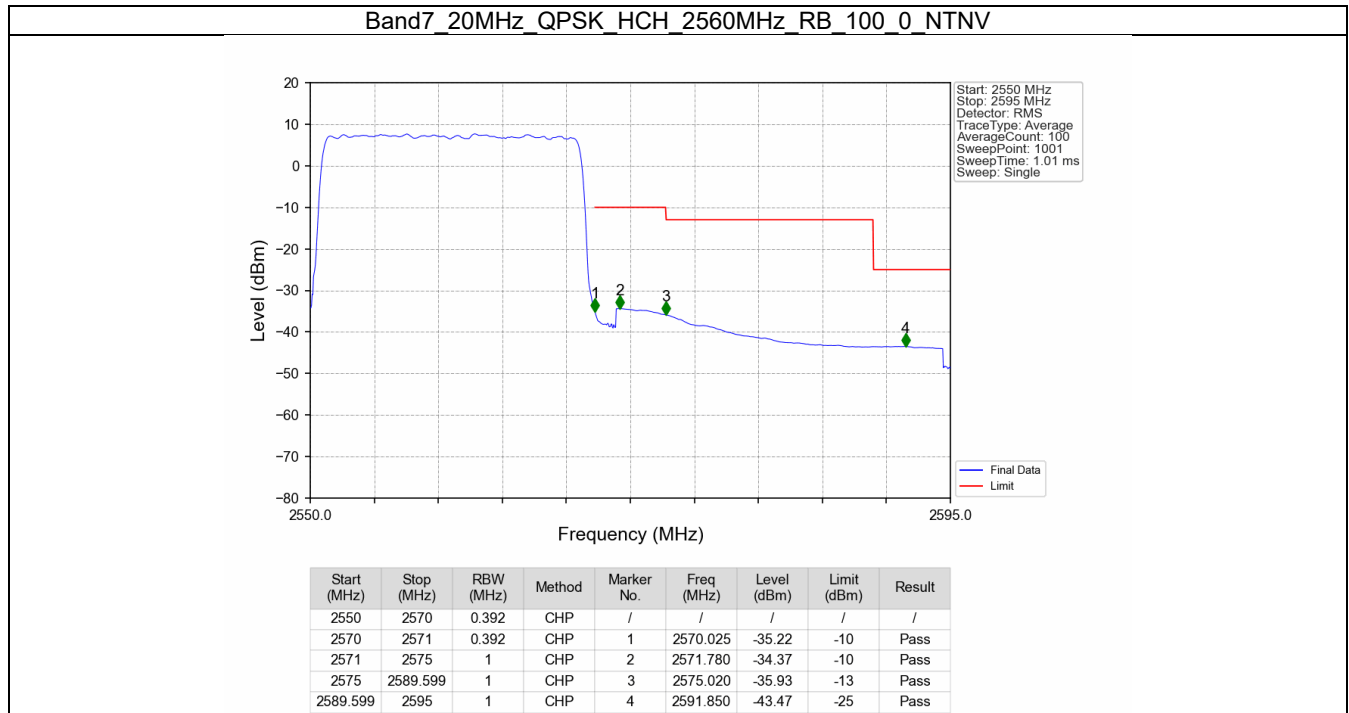
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_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	-44.45	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.31	-10	Pass
2575	2589.599	1	CHP	3	2577.475	-39.76	-13	Pass
2589.599	2595	1	CHP	4	2592.915	-41.17	-25	Pass



---End of Attachment---