

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	21.67	2.48	24.15	<=33.00	Pass
			13	22.09	2.48	24.57	<=33.00	Pass
			24	21.84	2.48	24.32	<=33.00	Pass
		12	0	20.83	2.48	23.31	<=33.00	Pass
			6	21.10	2.48	23.58	<=33.00	Pass
			13	21.08	2.48	23.56	<=33.00	Pass
		25	0	21.01	2.48	23.49	<=33.00	Pass
	2535	1	0	22.33	2.48	24.81	<=33.00	Pass
			13	22.55	2.48	25.03	<=33.00	Pass
			24	22.32	2.48	24.80	<=33.00	Pass
		12	0	21.09	2.48	23.57	<=33.00	Pass
			6	21.35	2.48	23.83	<=33.00	Pass
			13	21.27	2.48	23.75	<=33.00	Pass
		25	0	21.26	2.48	23.74	<=33.00	Pass
	2567.5	1	0	22.35	2.48	24.83	<=33.00	Pass
			13	22.60	2.48	25.08	<=33.00	Pass
			24	22.48	2.48	24.96	<=33.00	Pass
		12	0	21.46	2.48	23.94	<=33.00	Pass
			6	21.49	2.48	23.97	<=33.00	Pass
			13	21.30	2.48	23.78	<=33.00	Pass
		25	0	21.44	2.48	23.92	<=33.00	Pass
16QAM	2502.5	1	0	20.42	2.48	22.90	<=33.00	Pass
			13	20.94	2.48	23.42	<=33.00	Pass
			24	20.30	2.48	22.78	<=33.00	Pass
		12	0	19.73	2.48	22.21	<=33.00	Pass
			6	19.93	2.48	22.41	<=33.00	Pass
			13	19.92	2.48	22.40	<=33.00	Pass
		25	0	19.95	2.48	22.43	<=33.00	Pass
	2535	1	0	20.77	2.48	23.25	<=33.00	Pass
			13	21.40	2.48	23.88	<=33.00	Pass
			24	20.94	2.48	23.42	<=33.00	Pass
		12	0	20.29	2.48	22.77	<=33.00	Pass
			6	20.22	2.48	22.70	<=33.00	Pass
			13	20.15	2.48	22.63	<=33.00	Pass
		25	0	20.17	2.48	22.65	<=33.00	Pass
	2567.5	1	0	20.60	2.48	23.08	<=33.00	Pass
			13	21.23	2.48	23.71	<=33.00	Pass
			24	20.93	2.48	23.41	<=33.00	Pass
		12	0	20.48	2.48	22.96	<=33.00	Pass
			6	20.53	2.48	23.01	<=33.00	Pass
			13	20.22	2.48	22.70	<=33.00	Pass
		25	0	20.52	2.48	23.00	<=33.00	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	22.08	2.48	24.56	<=33.00	Pass	
			25	22.22	2.48	24.70	<=33.00	Pass	
			49	22.13	2.48	24.61	<=33.00	Pass	
		25	0	21.22	2.48	23.70	<=33.00	Pass	
			13	21.15	2.48	23.63	<=33.00	Pass	
			25	21.14	2.48	23.62	<=33.00	Pass	
		50	0	21.27	2.48	23.75	<=33.00	Pass	
		2535	1	0	22.29	2.48	24.77	<=33.00	Pass
				25	23.07	2.48	25.55	<=33.00	Pass
	49			22.58	2.48	25.06	<=33.00	Pass	
	25		0	21.35	2.48	23.83	<=33.00	Pass	
			13	21.45	2.48	23.93	<=33.00	Pass	
			25	21.46	2.48	23.94	<=33.00	Pass	
	2565	50	0	21.29	2.48	23.77	<=33.00	Pass	
			1	0	22.64	2.48	25.12	<=33.00	Pass
				25	23.04	2.48	25.52	<=33.00	Pass
		49		22.38	2.48	24.86	<=33.00	Pass	
		25	0	21.65	2.48	24.13	<=33.00	Pass	
			13	21.61	2.48	24.09	<=33.00	Pass	
			25	21.45	2.48	23.93	<=33.00	Pass	
		50	0	21.57	2.48	24.05	<=33.00	Pass	
16QAM		2505	1	0	20.93	2.48	23.41	<=33.00	Pass
	25			21.28	2.48	23.76	<=33.00	Pass	
	49			20.77	2.48	23.25	<=33.00	Pass	
	25		0	20.27	2.48	22.75	<=33.00	Pass	
			13	20.01	2.48	22.49	<=33.00	Pass	
			25	20.10	2.48	22.58	<=33.00	Pass	
	50		0	20.28	2.48	22.76	<=33.00	Pass	
	2535	1	0	20.79	2.48	23.27	<=33.00	Pass	
			25	21.26	2.48	23.74	<=33.00	Pass	
			49	21.23	2.48	23.71	<=33.00	Pass	
		25	0	20.37	2.48	22.85	<=33.00	Pass	
			13	20.47	2.48	22.95	<=33.00	Pass	
			25	20.48	2.48	22.96	<=33.00	Pass	
	50	0	20.43	2.48	22.91	<=33.00	Pass		
	2565	1	0	21.64	2.48	24.12	<=33.00	Pass	
			25	21.25	2.48	23.73	<=33.00	Pass	
			49	21.29	2.48	23.77	<=33.00	Pass	
		25	0	20.49	2.48	22.97	<=33.00	Pass	
			13	20.55	2.48	23.03	<=33.00	Pass	
			25	20.37	2.48	22.85	<=33.00	Pass	
		50	0	20.42	2.48	22.90	<=33.00	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	22.02	2.48	24.50	<=33.00	Pass
			38	22.26	2.48	24.74	<=33.00	Pass
			74	22.17	2.48	24.65	<=33.00	Pass
		36	0	21.25	2.48	23.73	<=33.00	Pass
			18	21.10	2.48	23.58	<=33.00	Pass
			39	21.23	2.48	23.71	<=33.00	Pass

	2535	75	0	21.30	2.48	23.78	<=33.00	Pass	
		1	0	22.26	2.48	24.74	<=33.00	Pass	
			38	22.71	2.48	25.19	<=33.00	Pass	
			74	22.56	2.48	25.04	<=33.00	Pass	
			0	21.37	2.48	23.85	<=33.00	Pass	
		36	18	21.48	2.48	23.96	<=33.00	Pass	
			39	21.56	2.48	24.04	<=33.00	Pass	
		75	0	21.31	2.48	23.79	<=33.00	Pass	
	2562.5	1	0	22.54	2.48	25.02	<=33.00	Pass	
			38	22.84	2.48	25.32	<=33.00	Pass	
			74	22.57	2.48	25.05	<=33.00	Pass	
		36	0	21.70	2.48	24.18	<=33.00	Pass	
			18	21.56	2.48	24.04	<=33.00	Pass	
			39	21.47	2.48	23.95	<=33.00	Pass	
		75	0	21.63	2.48	24.11	<=33.00	Pass	
		16QAM	2507.5	1	0	20.70	2.48	23.18	<=33.00
38	20.68				2.48	23.16	<=33.00	Pass	
74	20.62				2.48	23.10	<=33.00	Pass	
36	0			20.22	2.48	22.70	<=33.00	Pass	
	18			20.20	2.48	22.68	<=33.00	Pass	
	39			20.23	2.48	22.71	<=33.00	Pass	
75	0			20.17	2.48	22.65	<=33.00	Pass	
2535	1		0	21.11	2.48	23.59	<=33.00	Pass	
			38	21.30	2.48	23.78	<=33.00	Pass	
			74	20.95	2.48	23.43	<=33.00	Pass	
	36		0	20.26	2.48	22.74	<=33.00	Pass	
			18	20.21	2.48	22.69	<=33.00	Pass	
			39	20.56	2.48	23.04	<=33.00	Pass	
	75		0	20.41	2.48	22.89	<=33.00	Pass	
2562.5	1		0	21.25	2.48	23.73	<=33.00	Pass	
			38	21.04	2.48	23.52	<=33.00	Pass	
			74	21.22	2.48	23.70	<=33.00	Pass	
	36		0	20.62	2.48	23.10	<=33.00	Pass	
			18	20.60	2.48	23.08	<=33.00	Pass	
			39	20.51	2.48	22.99	<=33.00	Pass	
	75		0	20.67	2.48	23.15	<=33.00	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.05	2.48	24.53	<=33.00	Pass
			50	22.62	2.48	25.10	<=33.00	Pass
			99	22.04	2.48	24.52	<=33.00	Pass
		50	0	21.43	2.48	23.91	<=33.00	Pass
			25	21.36	2.48	23.84	<=33.00	Pass
			50	21.25	2.48	23.73	<=33.00	Pass
		100	0	21.25	2.48	23.73	<=33.00	Pass
		1	0	22.20	2.48	24.68	<=33.00	Pass
			50	23.10	2.48	25.58	<=33.00	Pass
			99	22.39	2.48	24.87	<=33.00	Pass
	2535	50	0	21.29	2.48	23.77	<=33.00	Pass
			25	21.34	2.48	23.82	<=33.00	Pass
			50	21.52	2.48	24.00	<=33.00	Pass
		100	0	21.35	2.48	23.83	<=33.00	Pass

	2560	1	0	22.26	2.48	24.74	<=33.00	Pass		
			50	22.74	2.48	25.22	<=33.00	Pass		
			99	22.42	2.48	24.90	<=33.00	Pass		
		50	0	21.54	2.48	24.02	<=33.00	Pass		
			25	21.58	2.48	24.06	<=33.00	Pass		
			50	21.45	2.48	23.93	<=33.00	Pass		
		100	0	21.49	2.48	23.97	<=33.00	Pass		
		16QAM	2510	1	0	20.76	2.48	23.24	<=33.00	Pass
					50	21.52	2.48	24.00	<=33.00	Pass
99	21.10				2.48	23.58	<=33.00	Pass		
50	0			20.33	2.48	22.81	<=33.00	Pass		
	25			20.32	2.48	22.80	<=33.00	Pass		
	50			20.26	2.48	22.74	<=33.00	Pass		
100	0			20.33	2.48	22.81	<=33.00	Pass		
2535	1			0	21.10	2.48	23.58	<=33.00	Pass	
				50	21.35	2.48	23.83	<=33.00	Pass	
			99	20.99	2.48	23.47	<=33.00	Pass		
	50		0	20.39	2.48	22.87	<=33.00	Pass		
			25	20.37	2.48	22.85	<=33.00	Pass		
			50	20.46	2.48	22.94	<=33.00	Pass		
	100		0	20.26	2.48	22.74	<=33.00	Pass		
	2560		1	0	20.49	2.48	22.97	<=33.00	Pass	
				50	21.61	2.48	24.09	<=33.00	Pass	
99				21.28	2.48	23.76	<=33.00	Pass		
50			0	20.68	2.48	23.16	<=33.00	Pass		
			25	20.64	2.48	23.12	<=33.00	Pass		
			50	20.56	2.48	23.04	<=33.00	Pass		
100			0	20.59	2.48	23.07	<=33.00	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	3.5	-2.600	-0.0010	-2.5 to 2.5	Pass
					3.87	-4.300	-0.0017	-2.5 to 2.5	Pass
					4.4	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	-0.500	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-2.100	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-6.600	-0.0026	-2.5 to 2.5	Pass
				0	3.87	-7.800	-0.0031	-2.5 to 2.5	Pass
				10	3.87	-4.500	-0.0018	-2.5 to 2.5	Pass
				30	3.87	-6.200	-0.0024	-2.5 to 2.5	Pass
				40	3.87	-5.400	-0.0021	-2.5 to 2.5	Pass
				50	3.87	0.500	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

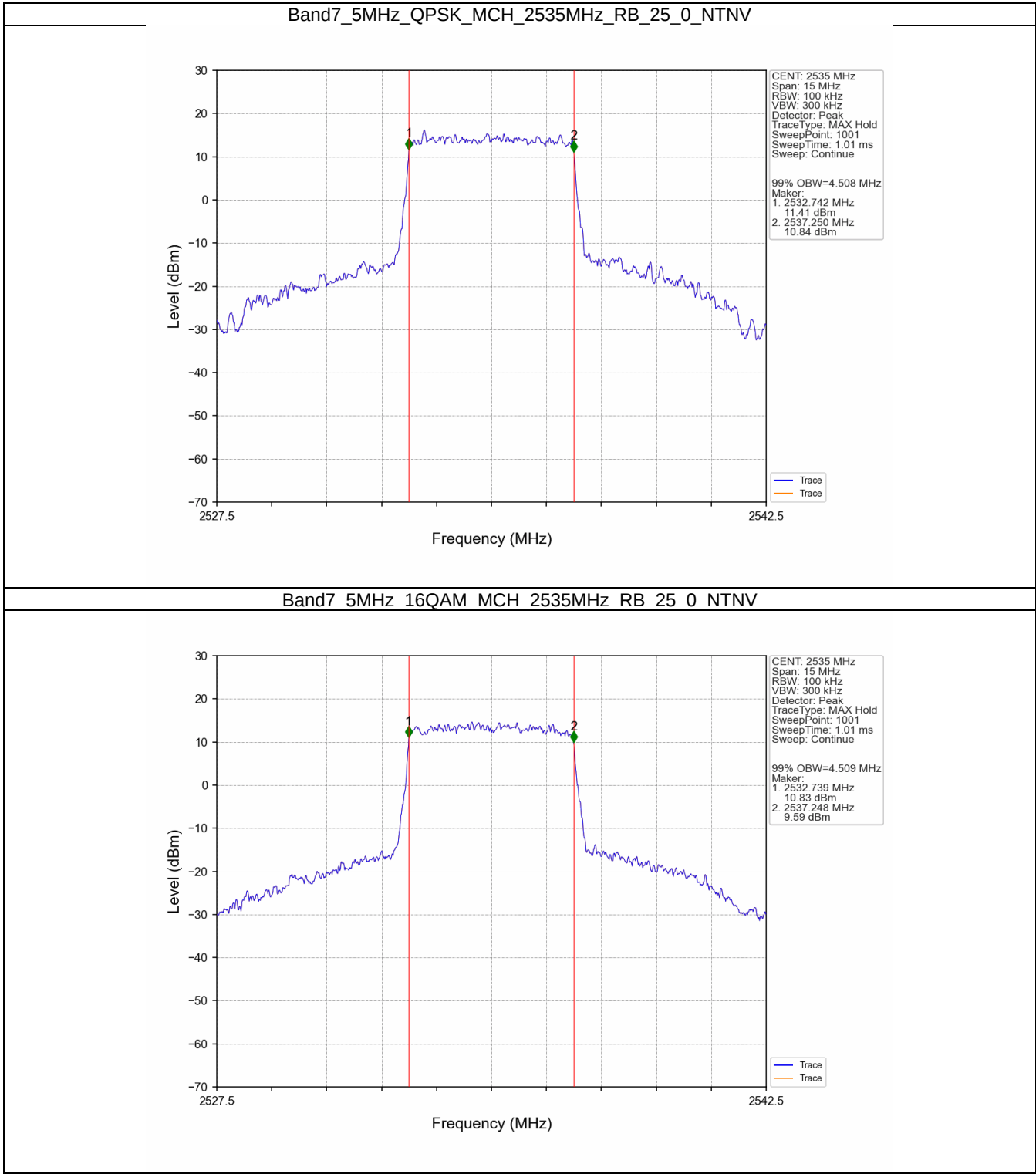
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.508	/	Pass
	16QAM	2535	25	0	4.509	/	Pass
10	QPSK	2535	50	0	8.970	/	Pass
	16QAM	2535	50	0	8.970	/	Pass
15	QPSK	2535	75	0	13.468	/	Pass
	16QAM	2535	75	0	13.445	/	Pass
20	QPSK	2535	100	0	17.940	/	Pass
	16QAM	2535	100	0	17.980	/	Pass

3.1.2 Band7_XDB

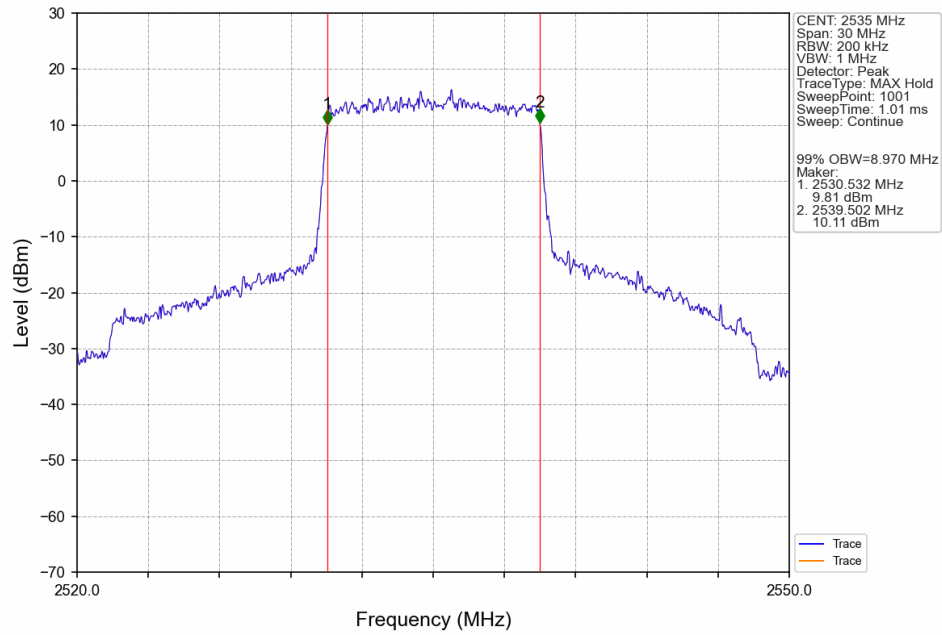
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.025	/	Pass
	16QAM	2535	25	0	5.041	/	Pass
10	QPSK	2535	50	0	9.843	/	Pass
	16QAM	2535	50	0	9.871	/	Pass
15	QPSK	2535	75	0	14.469	/	Pass
	16QAM	2535	75	0	14.721	/	Pass
20	QPSK	2535	100	0	19.594	/	Pass
	16QAM	2535	100	0	19.328	/	Pass

3.2 Test Graph

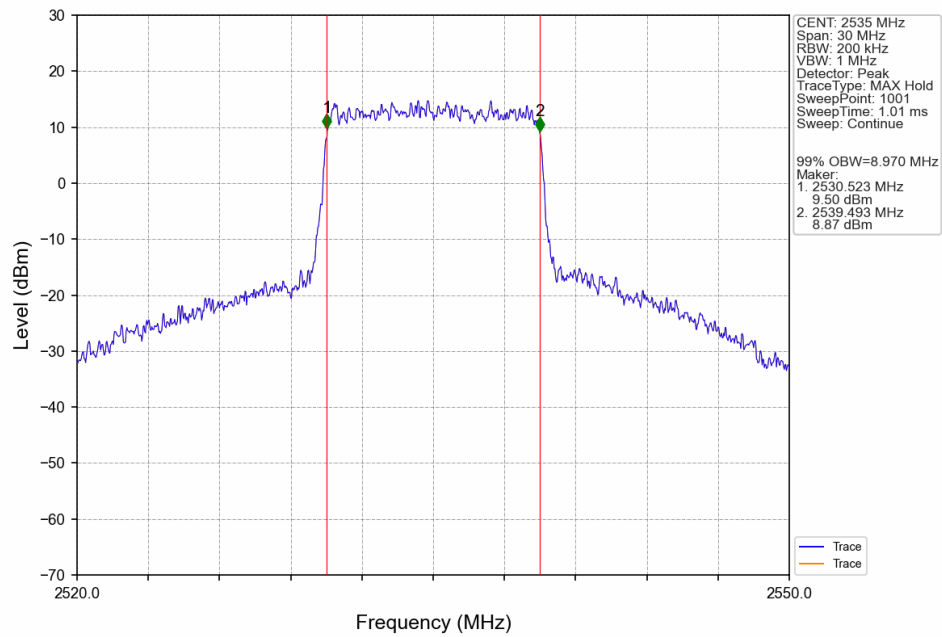
3.2.1 Band7_OBW



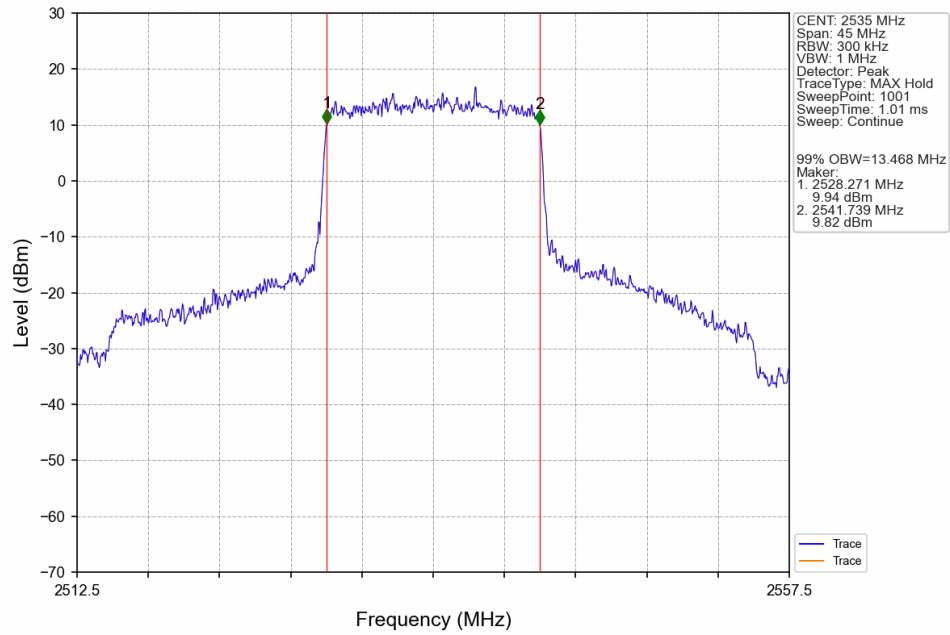
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



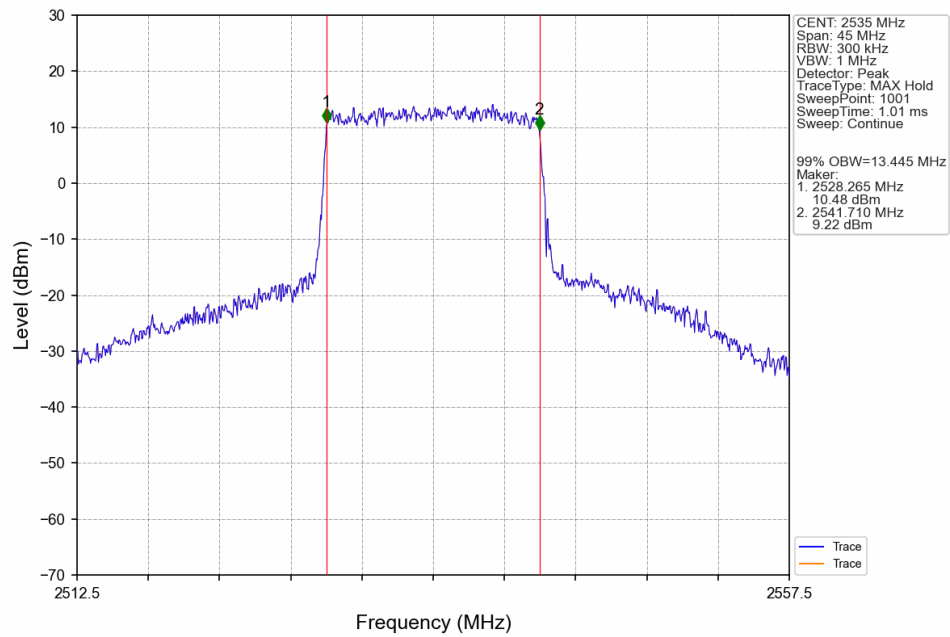
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



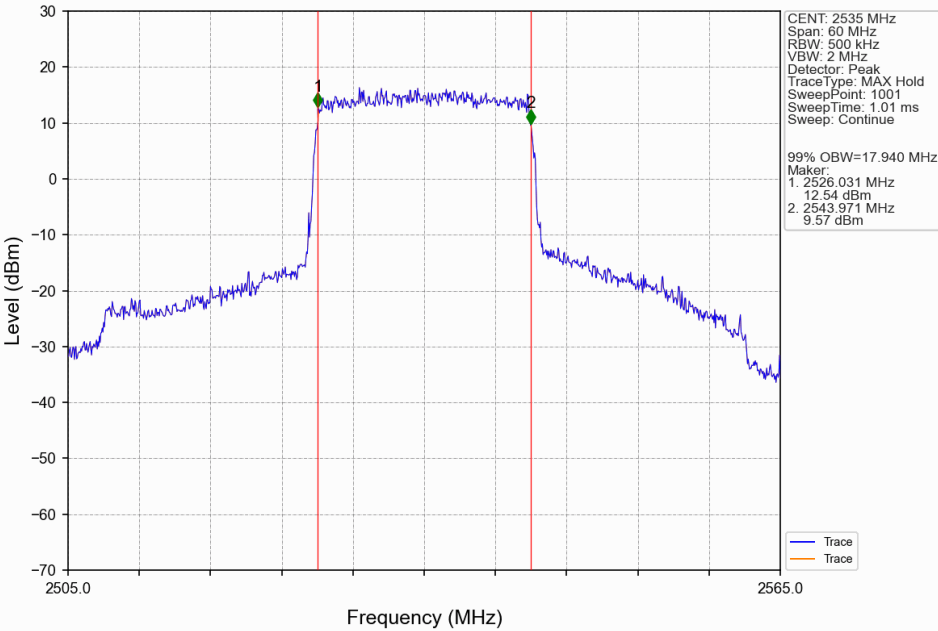
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



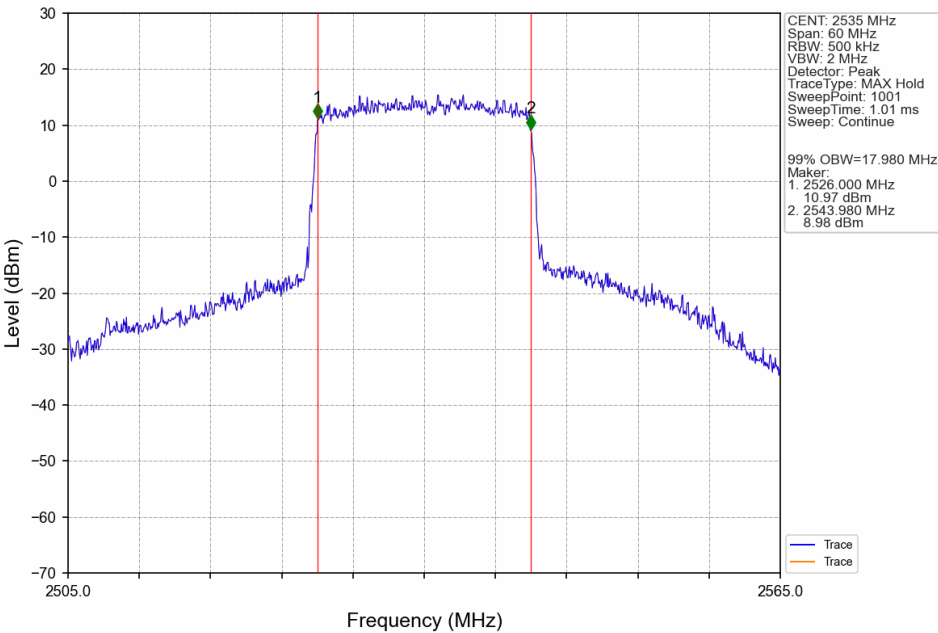
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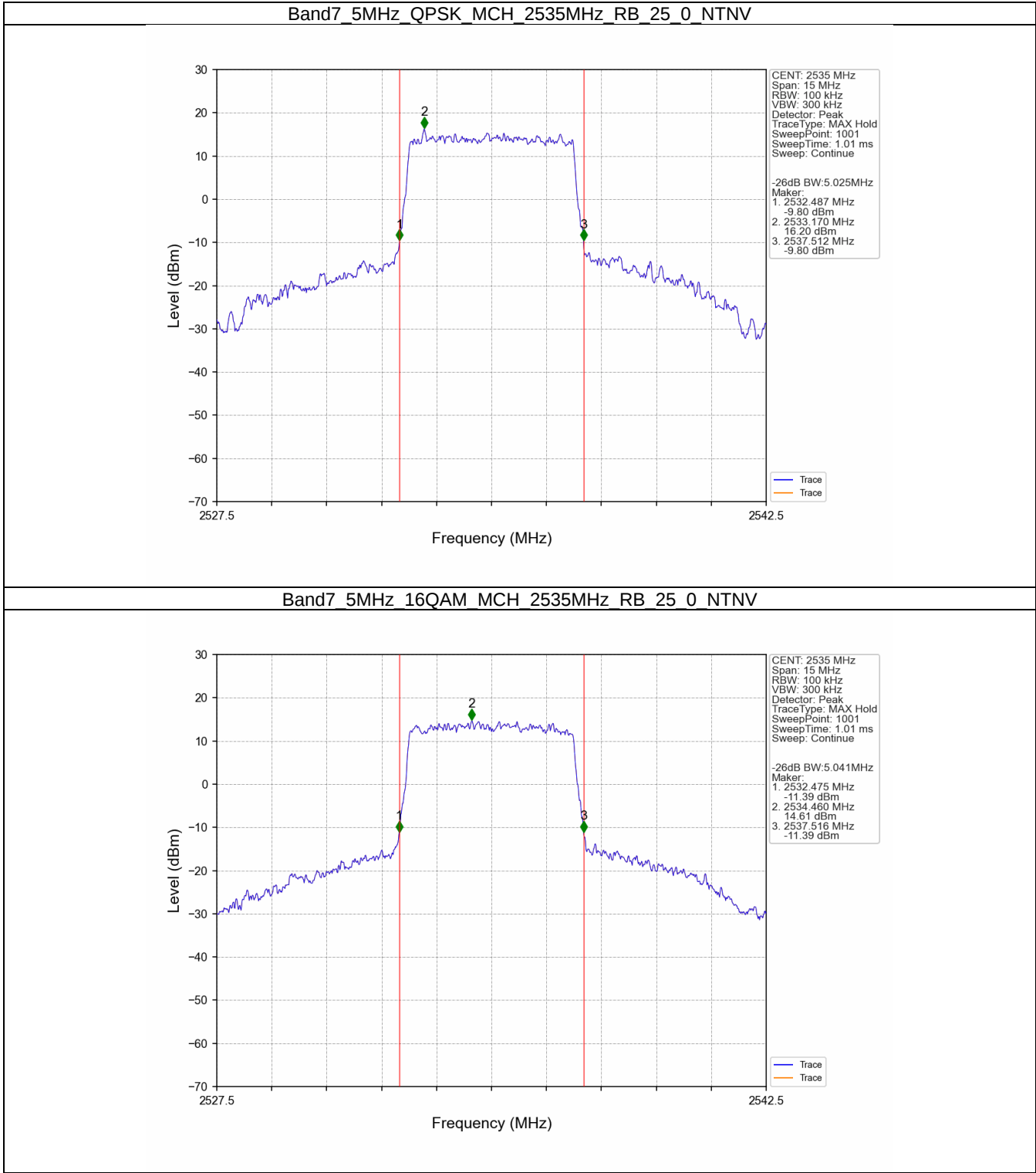
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



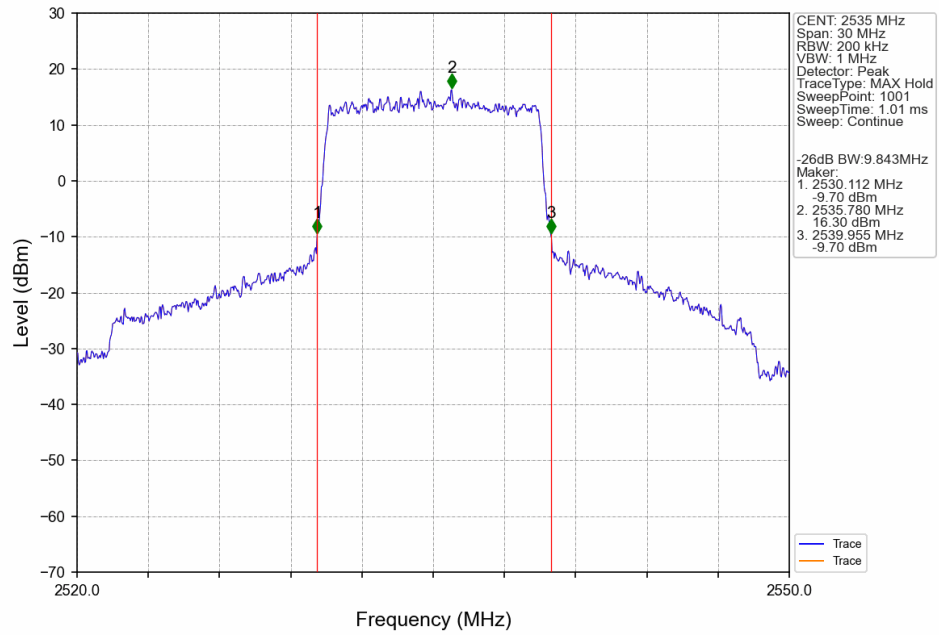
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



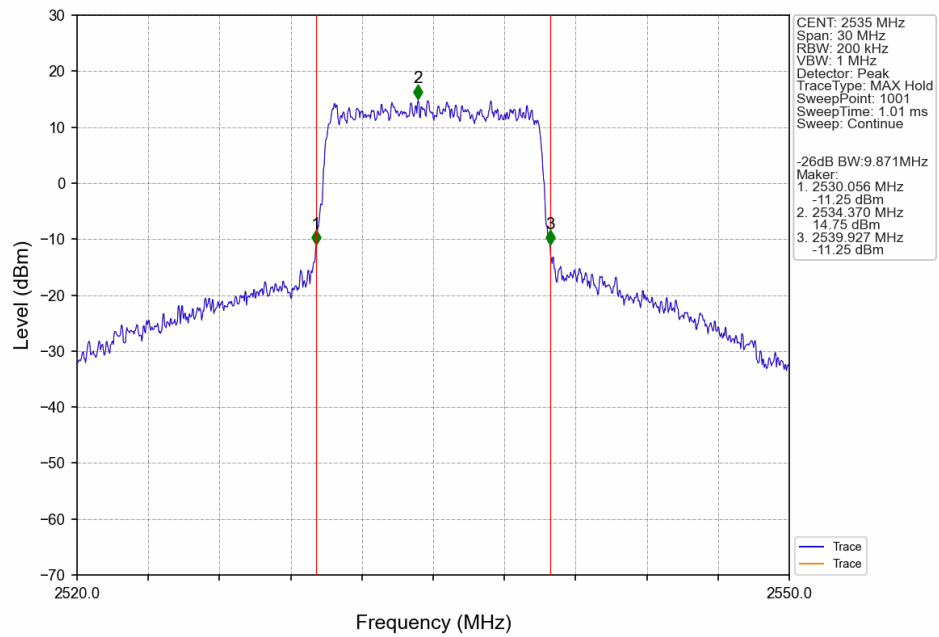
3.2.2 Band7_XDB



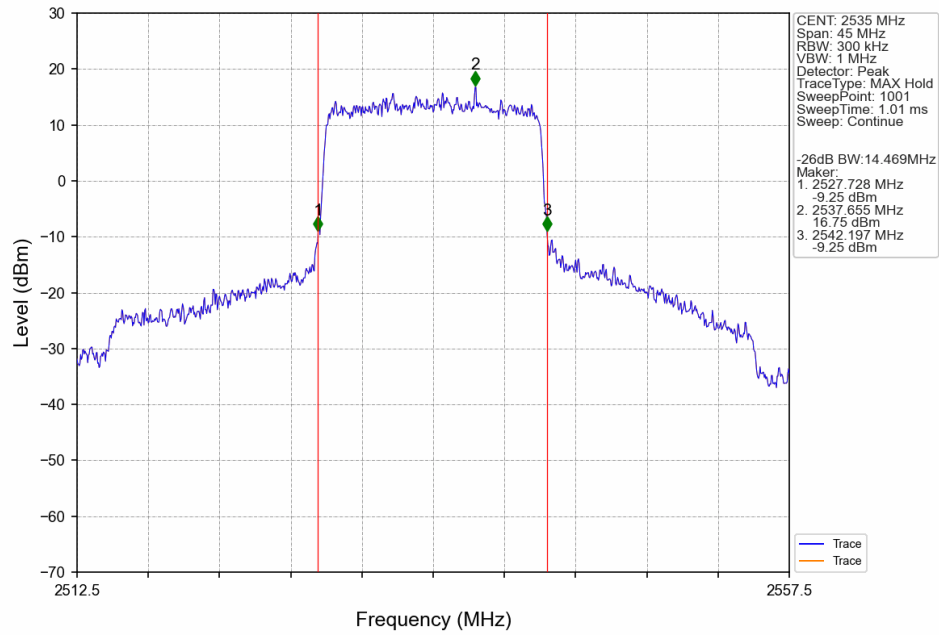
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



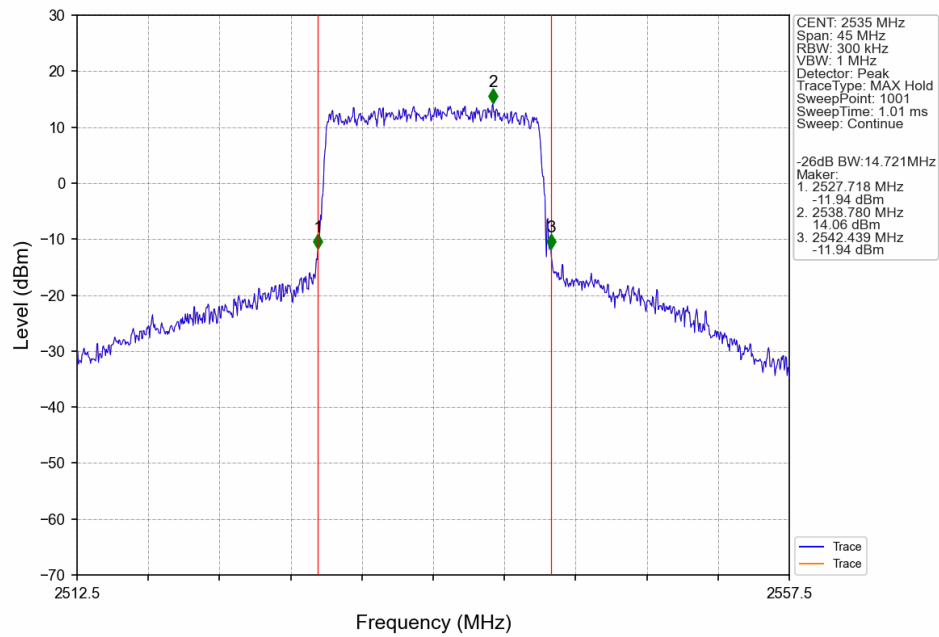
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



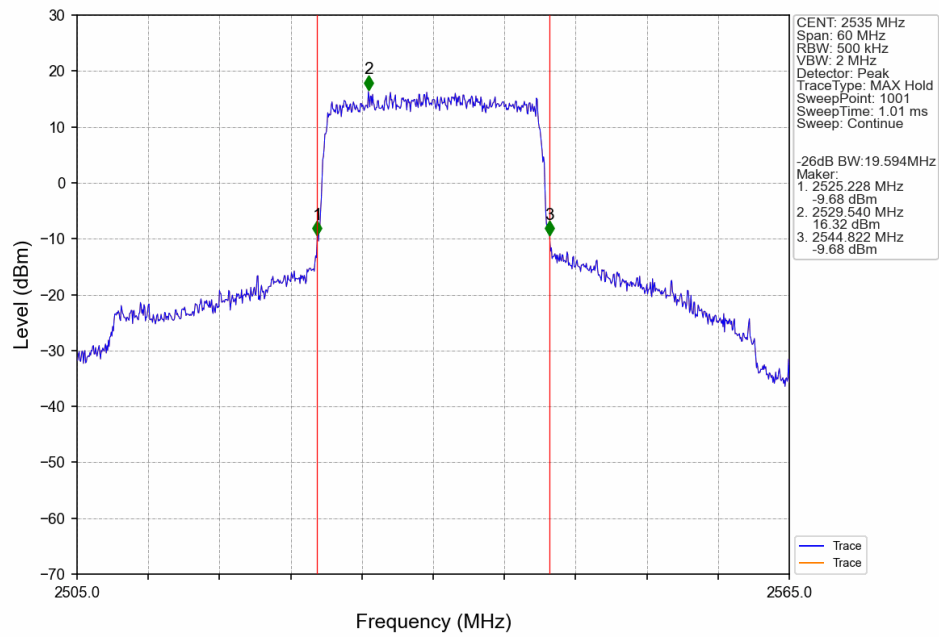
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



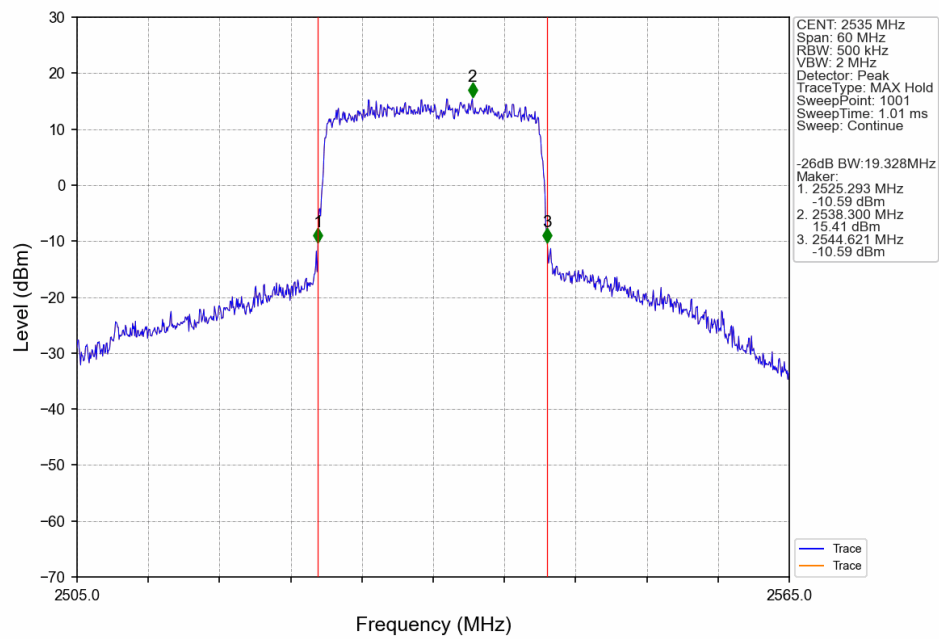
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



4. Peak-Average Ratio

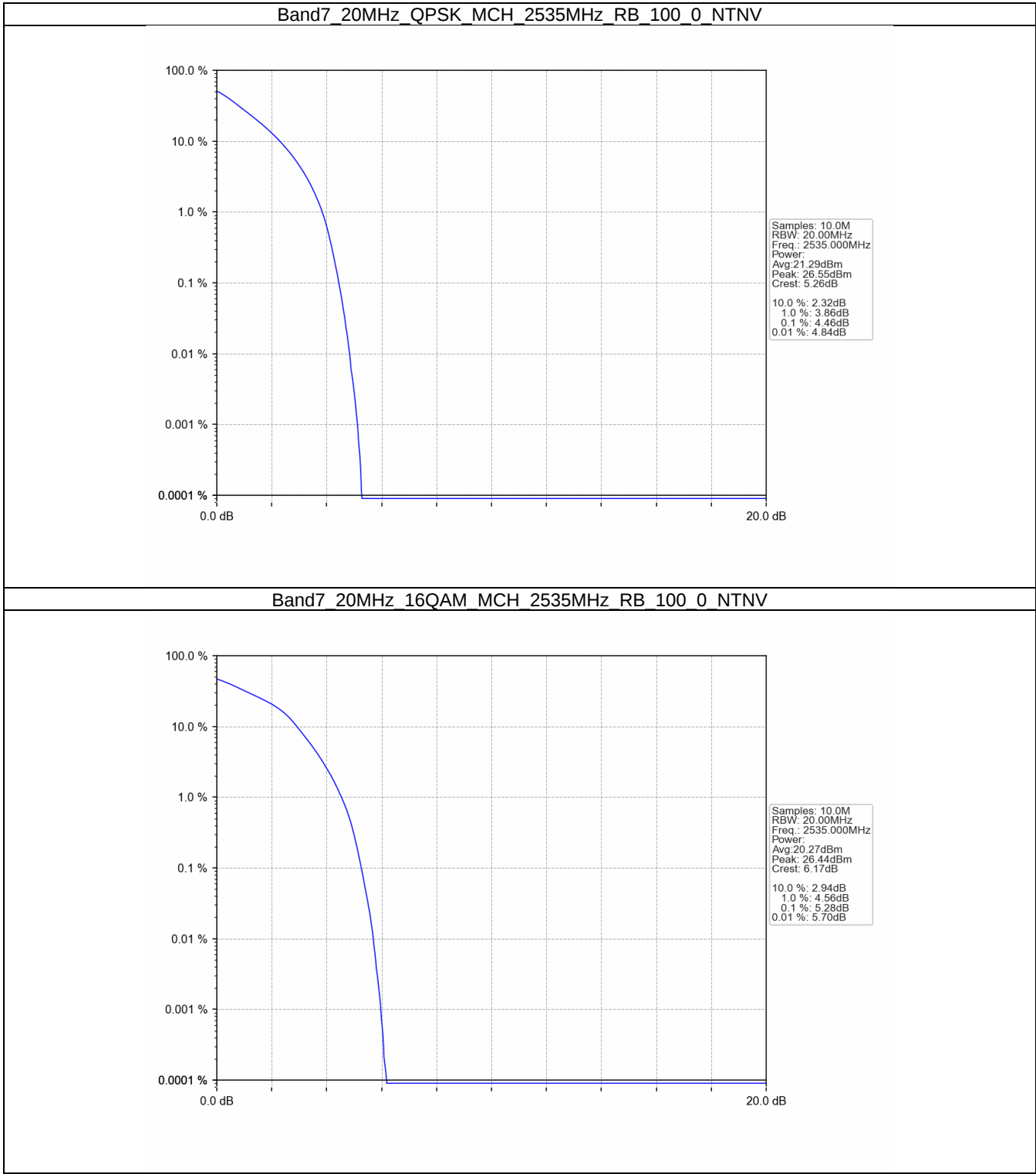
4.1 Test Result

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	4.46	<=13	Pass
16QAM	2535	100	0	5.28	<=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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
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

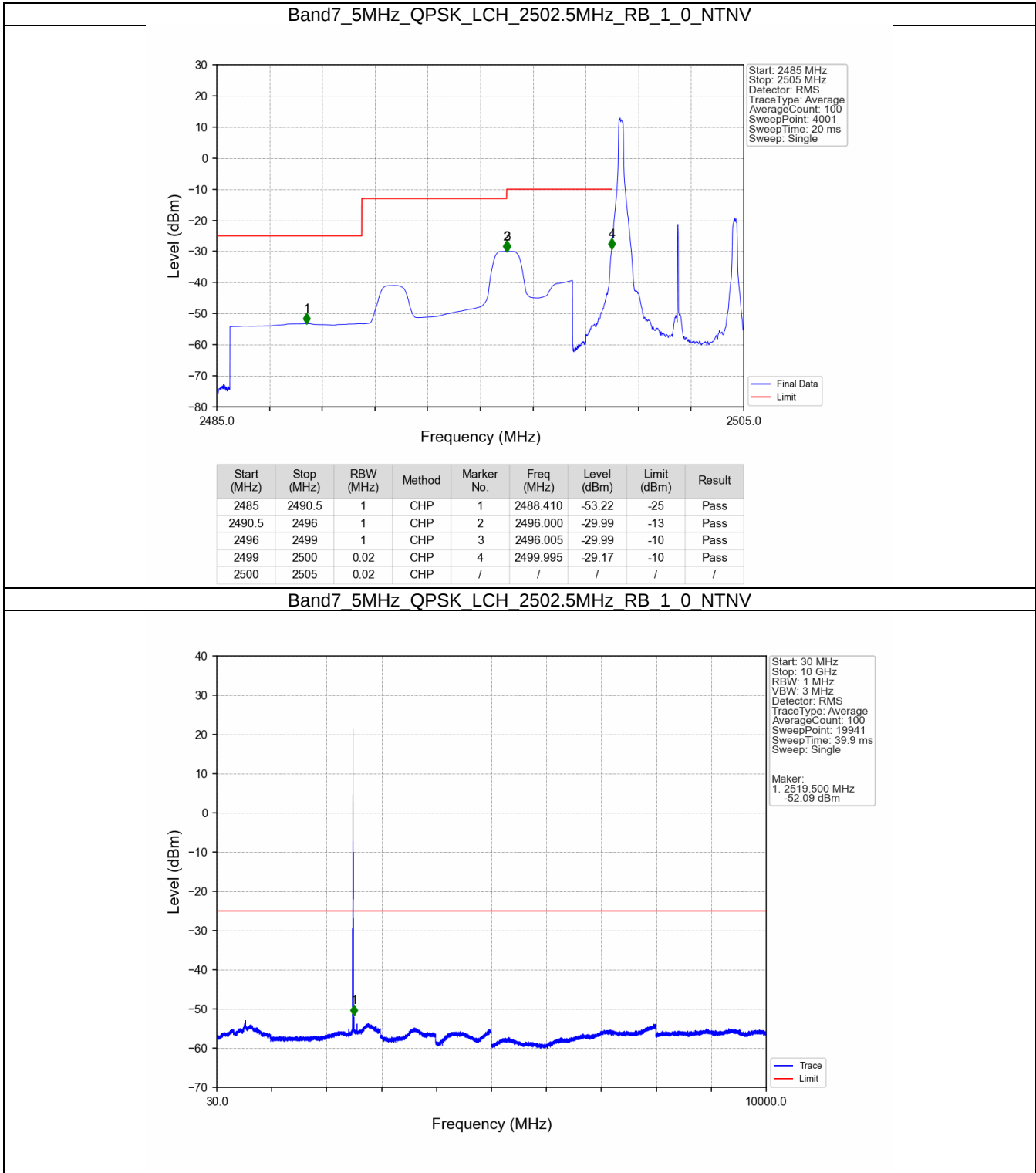
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

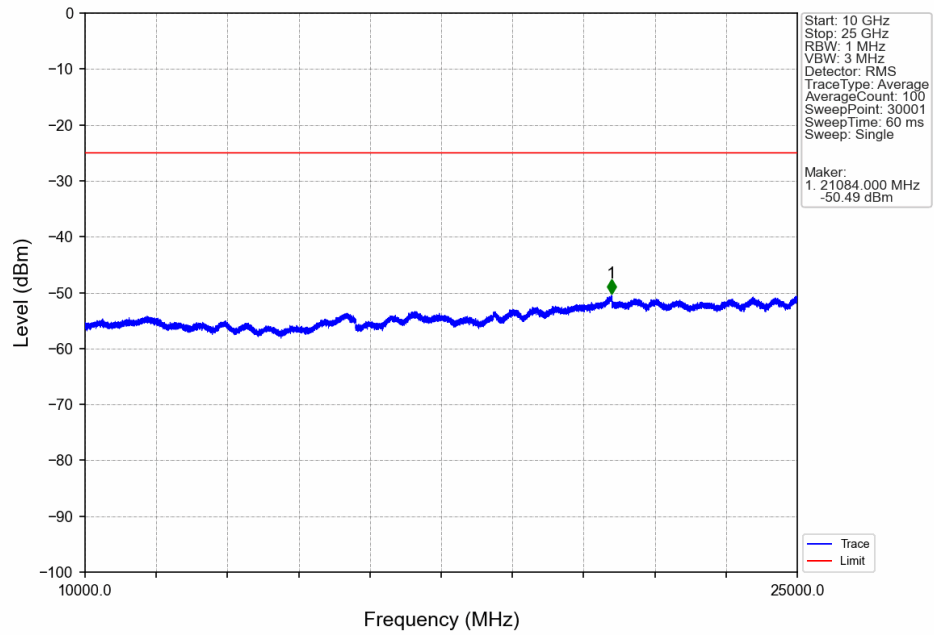
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

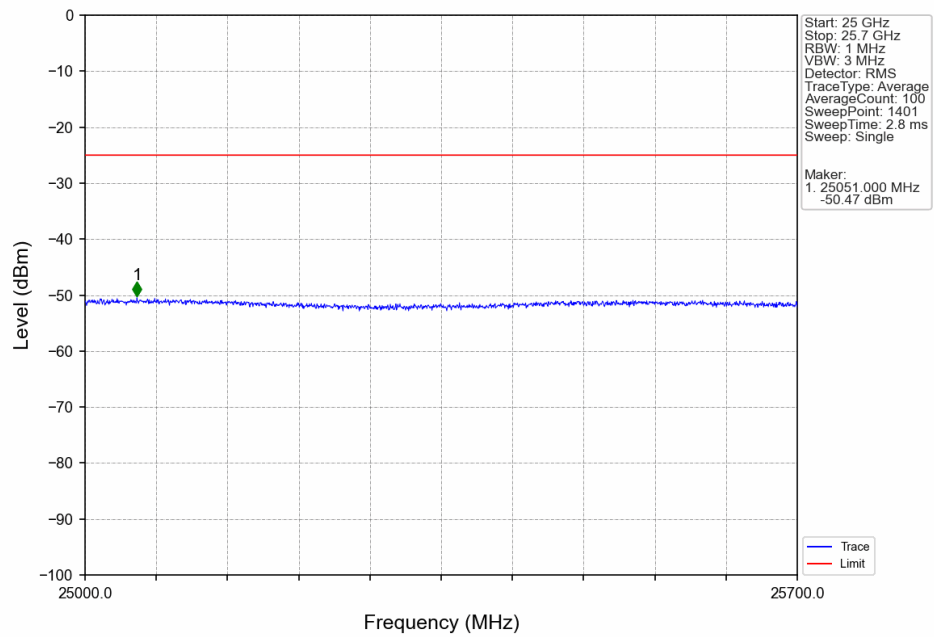
5.2.1 B7_5MHz



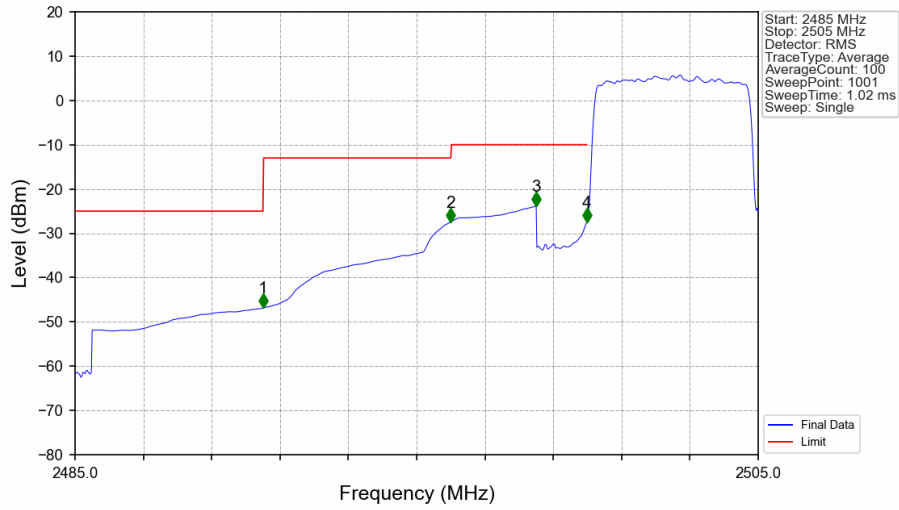
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

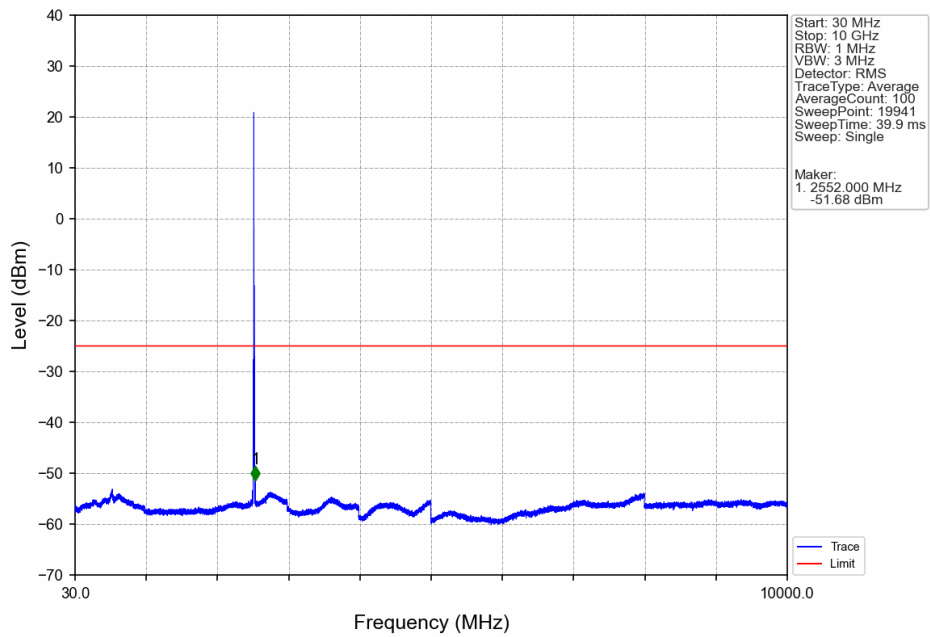


Band7 5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

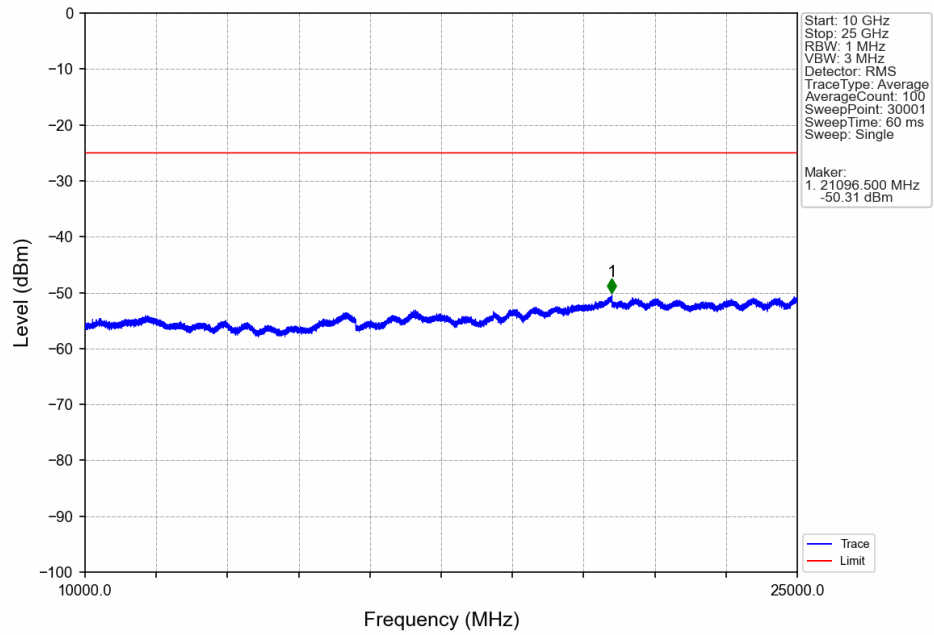


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-46.88	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-27.40	-13	Pass
2496	2499	1	CHP	3	2498.500	-23.88	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-27.43	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

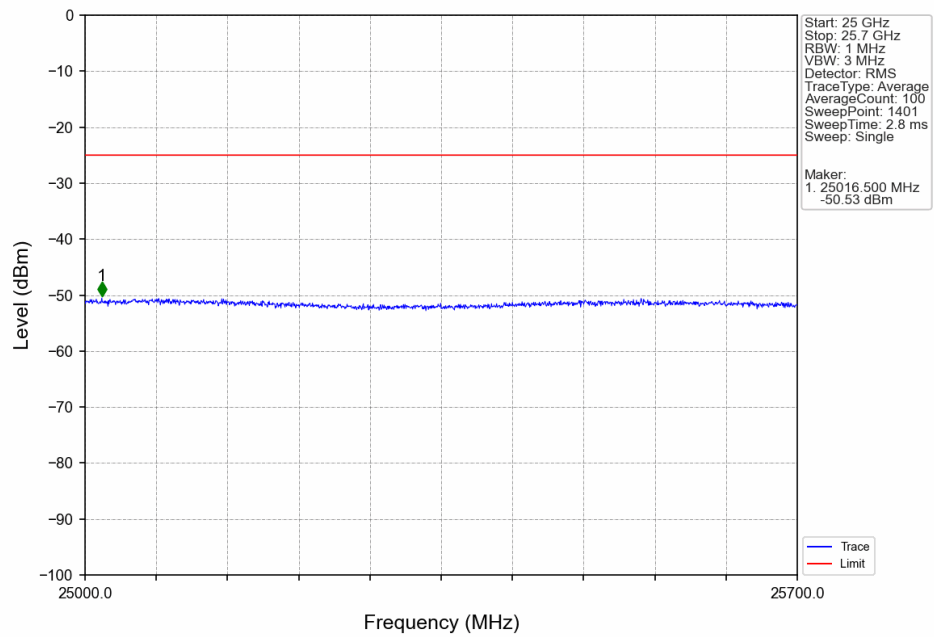
Band7 5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



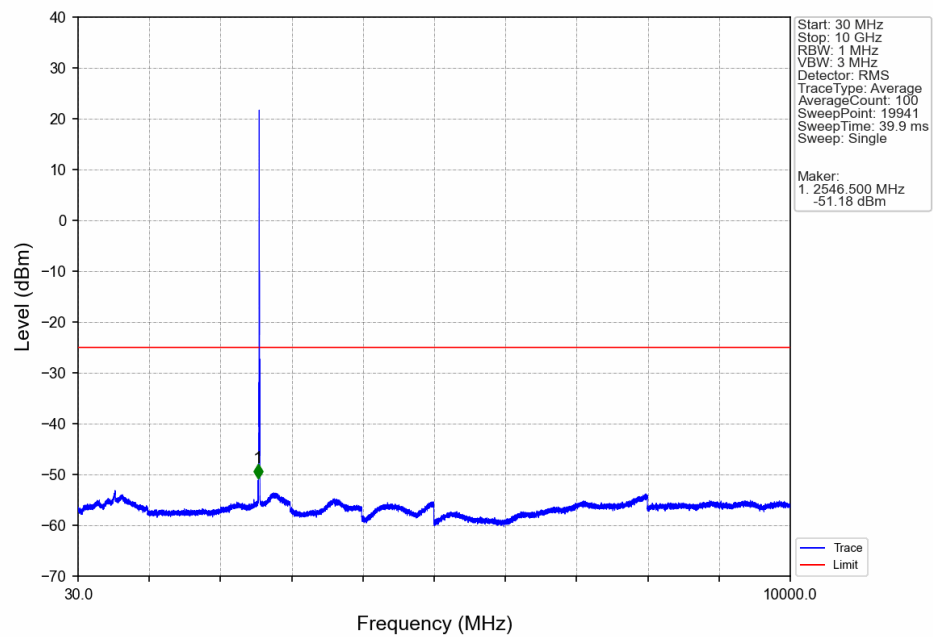
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



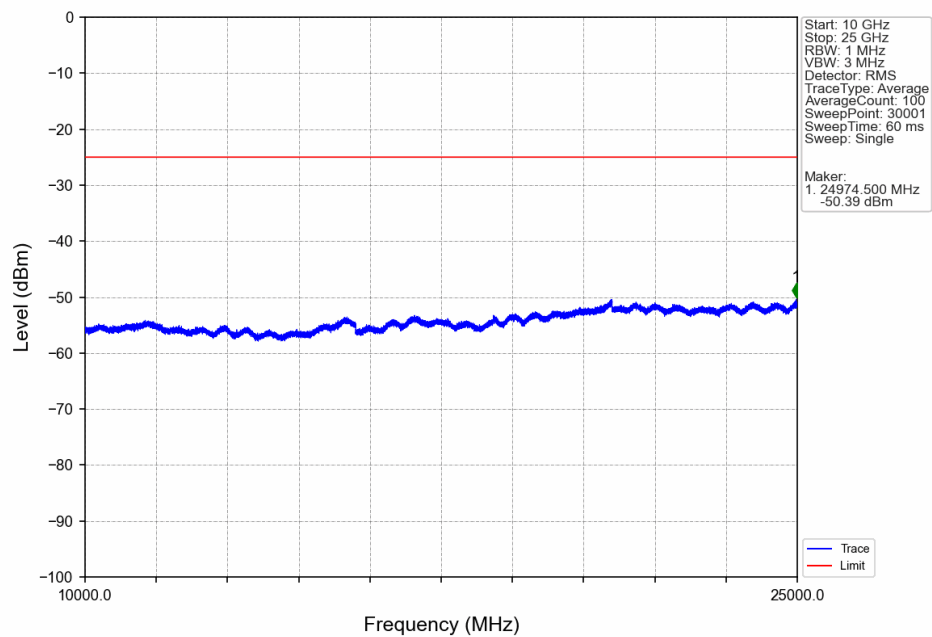
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



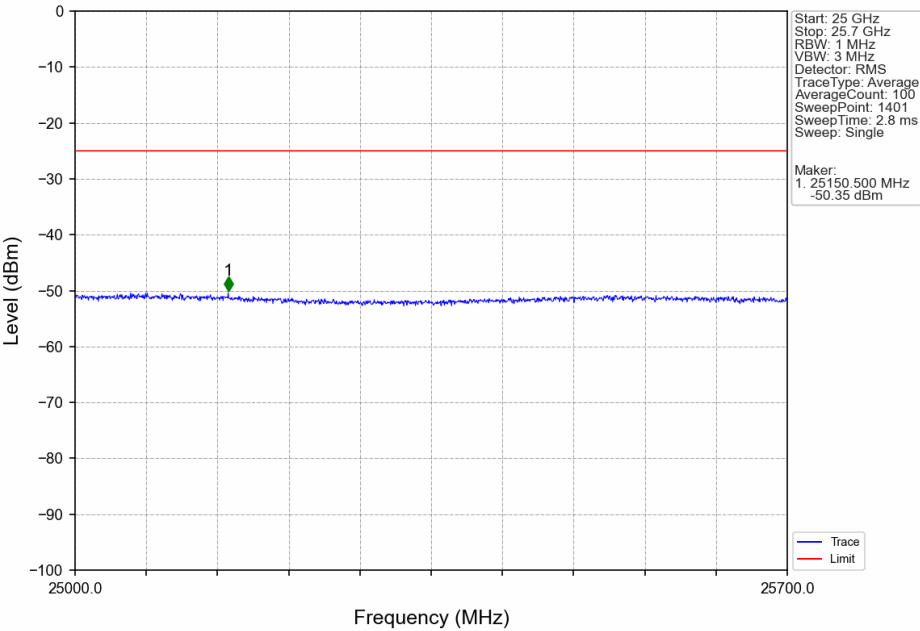
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



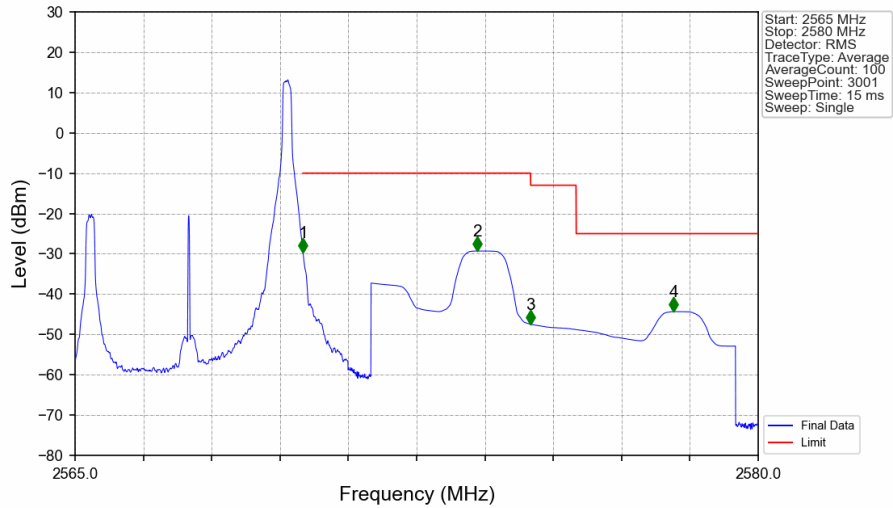
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

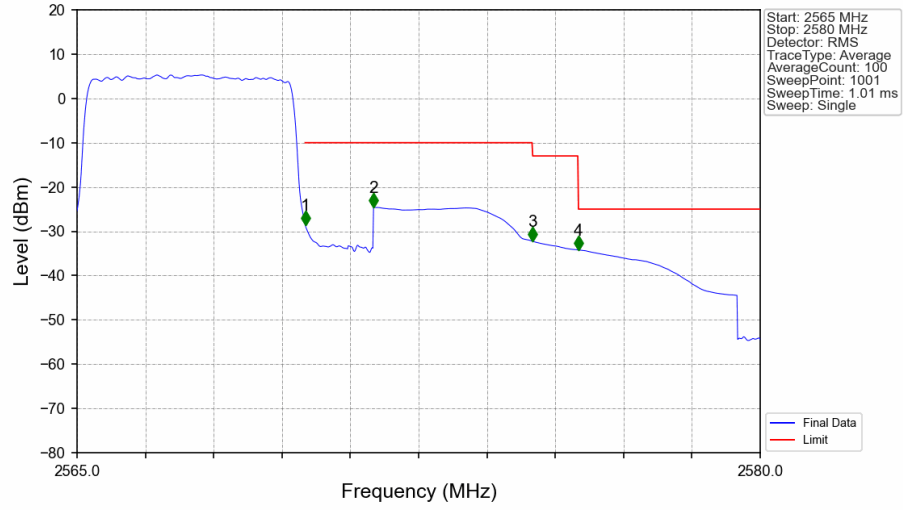


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



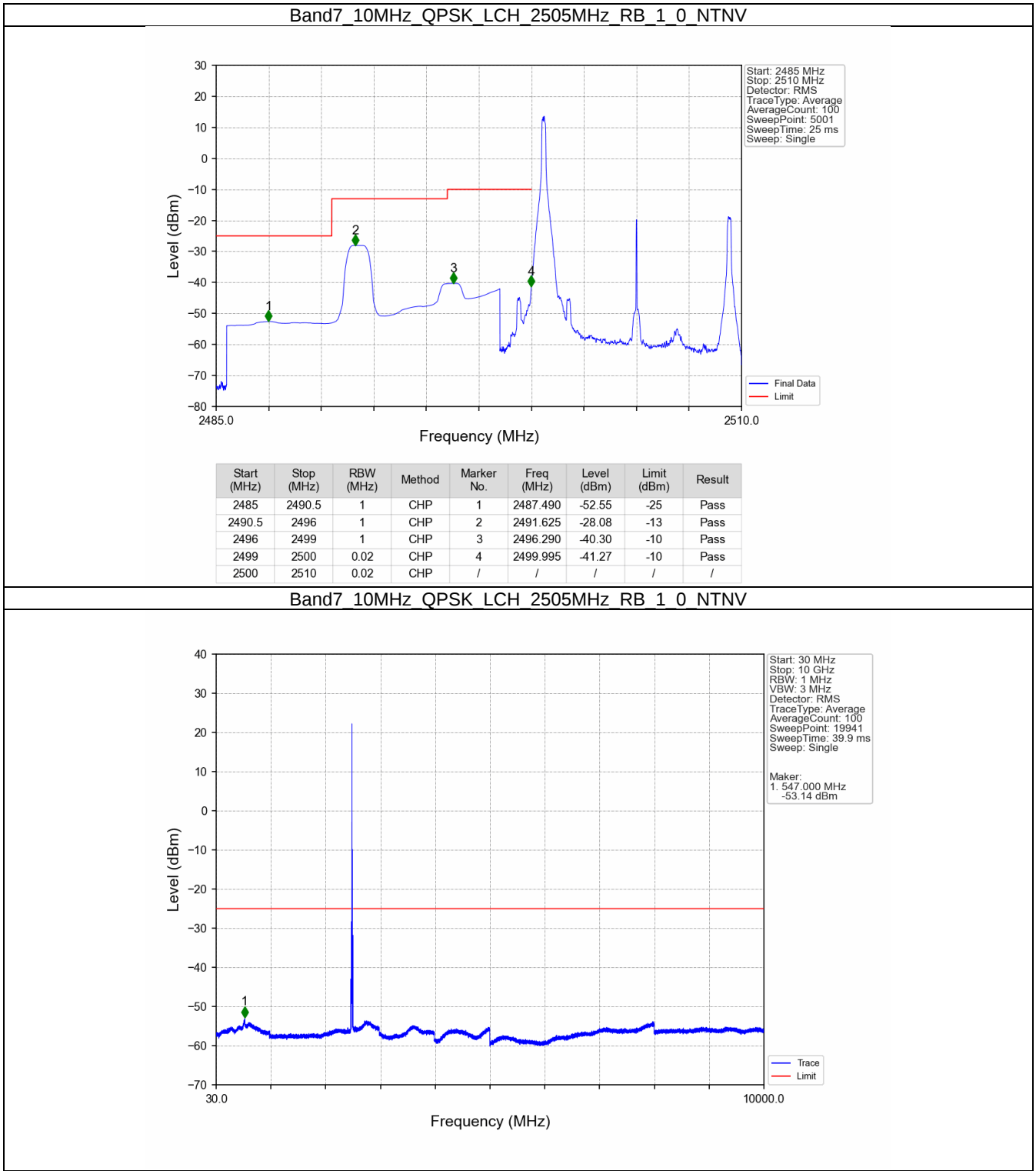
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.72	-10	Pass
2571	2575	1	CHP	2	2573.825	-29.31	-10	Pass
2575	2576	1	CHP	3	2575.005	-47.49	-13	Pass
2576	2580	1	CHP	4	2578.145	-44.35	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

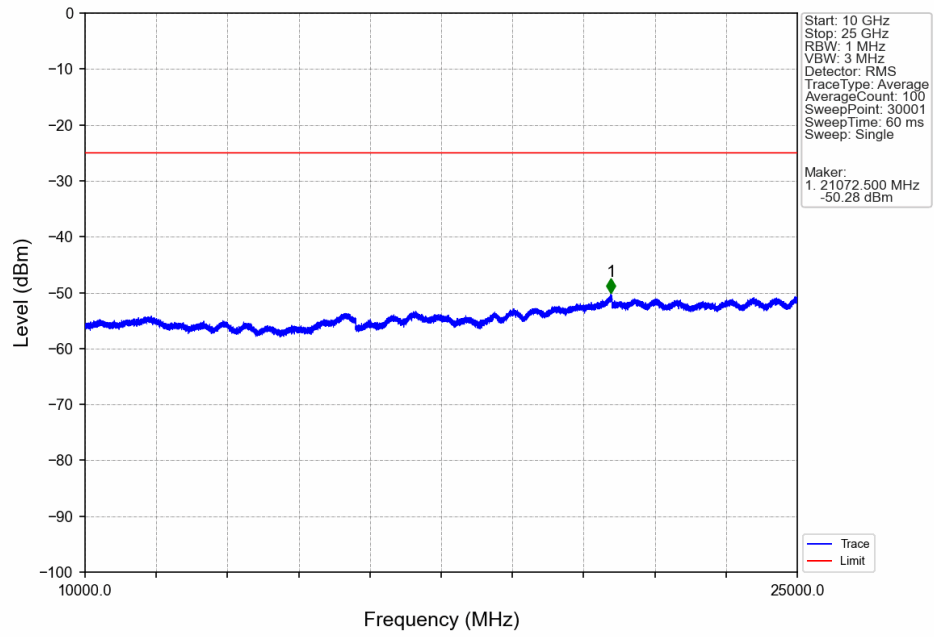


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-28.60	-10	Pass
2571	2575	1	CHP	2	2571.510	-24.62	-10	Pass
2575	2576	1	CHP	3	2575.005	-32.28	-13	Pass
2576	2580	1	CHP	4	2576.010	-34.22	-25	Pass

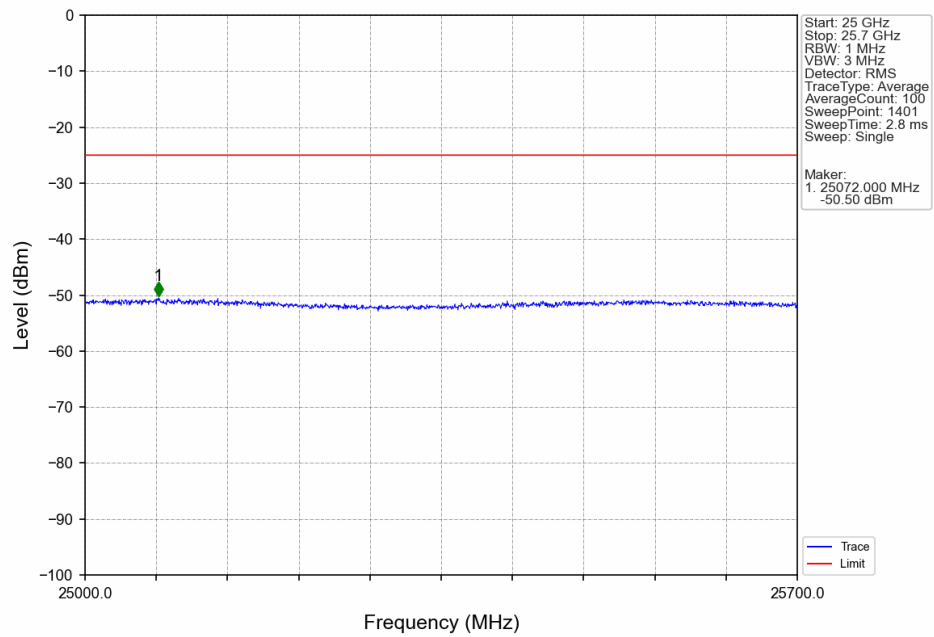
5.2.2 B7_10MHz



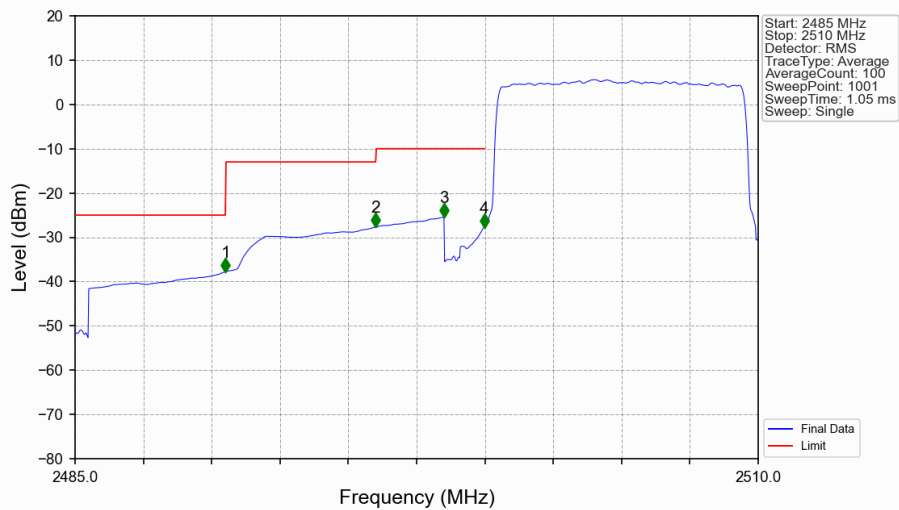
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

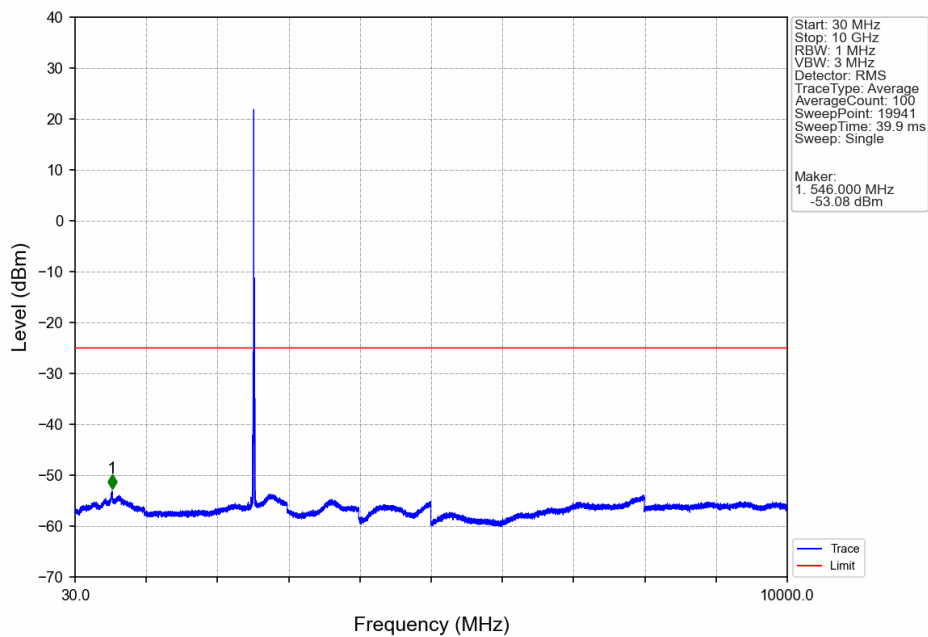


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

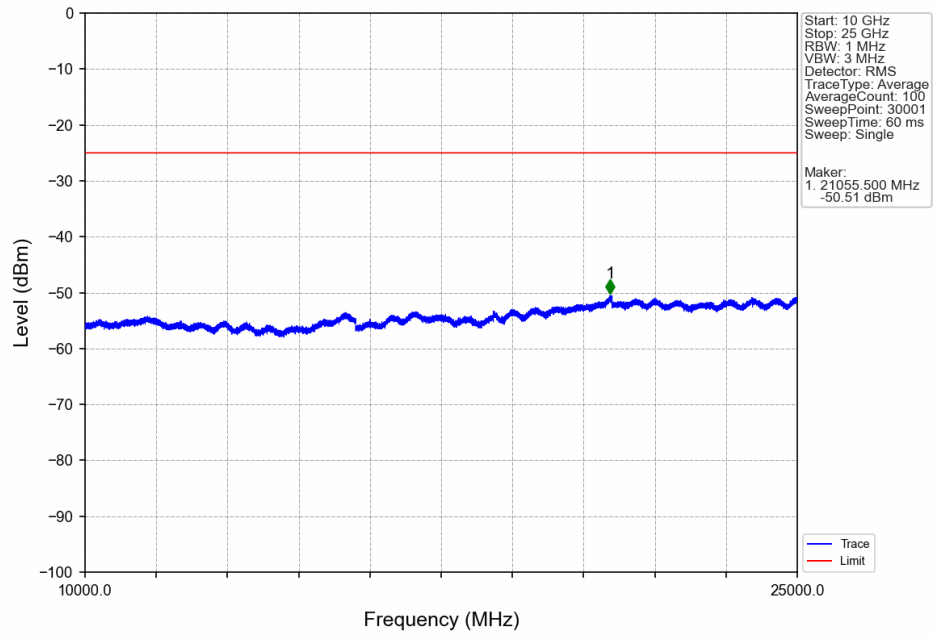


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-37.80	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-27.70	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.50	-10	Pass
2499	2500	0.197	CHP	4	2499.975	-27.77	-10	Pass
2500	2510	0.197	CHP	/	/	/	/	/

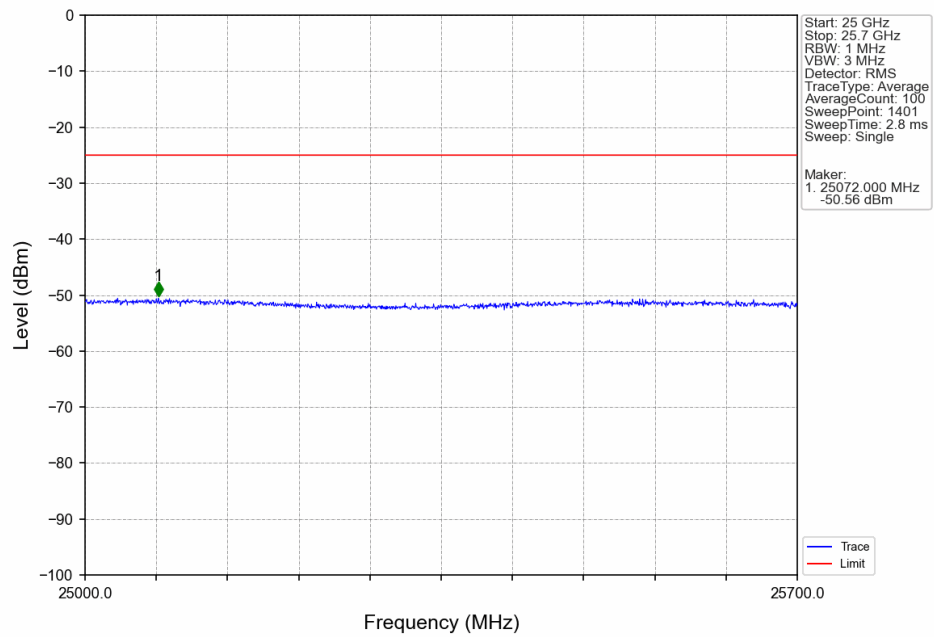
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



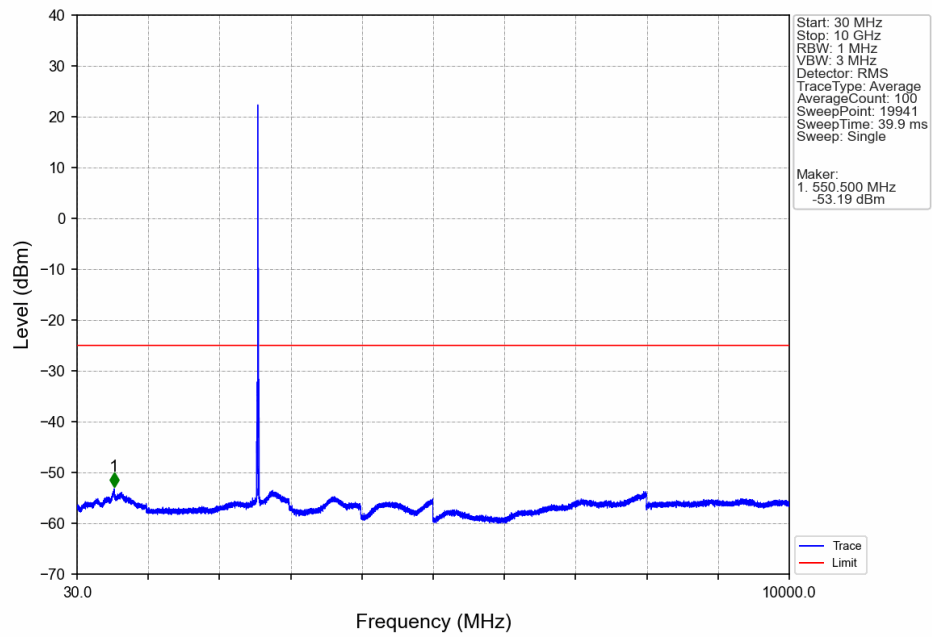
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



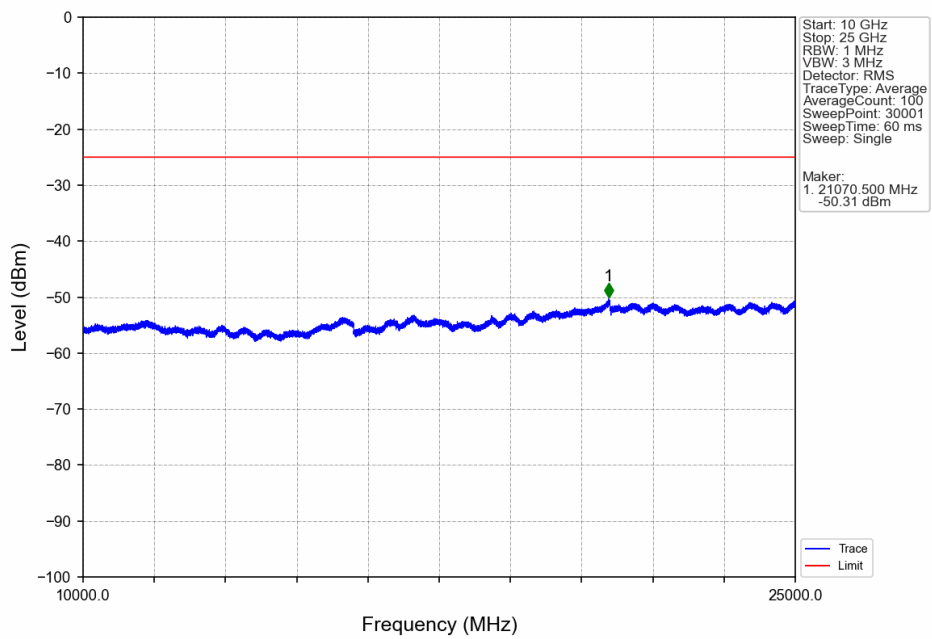
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



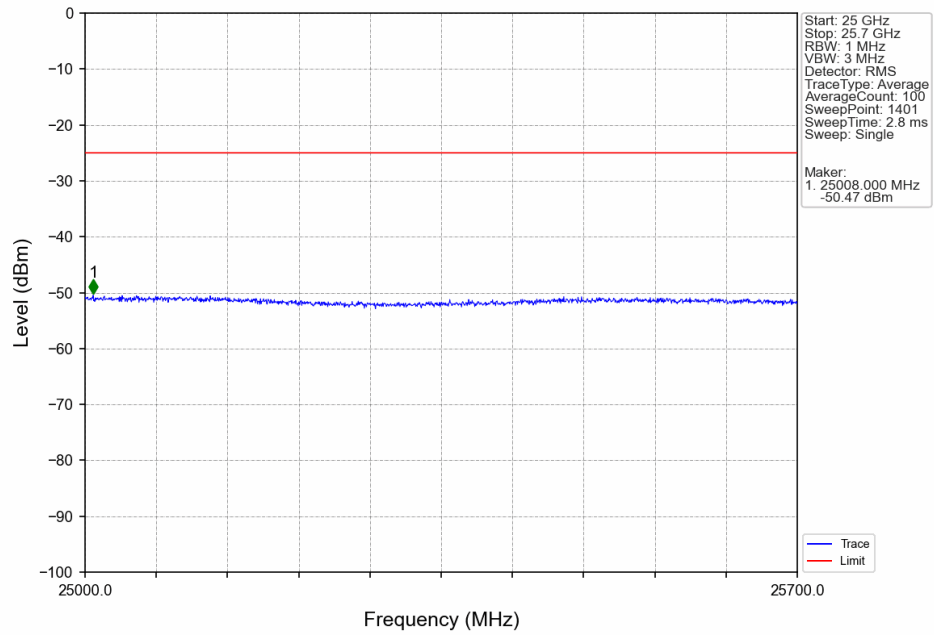
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



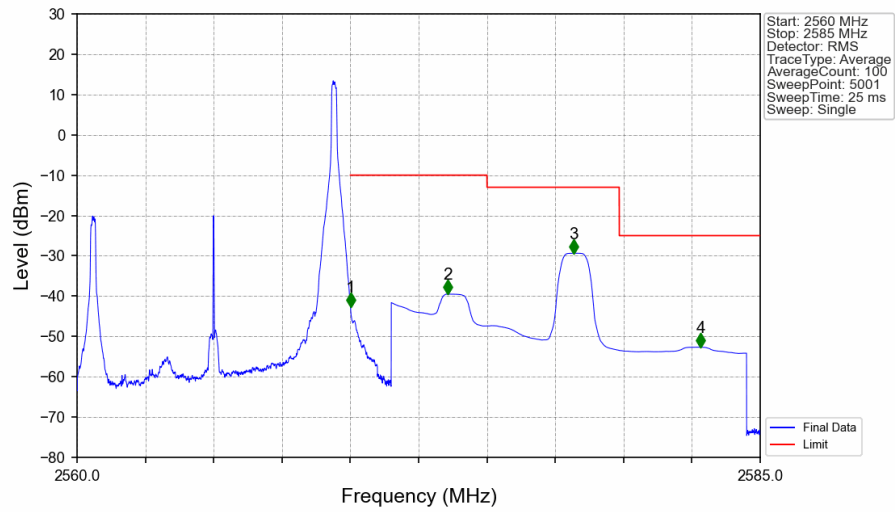
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

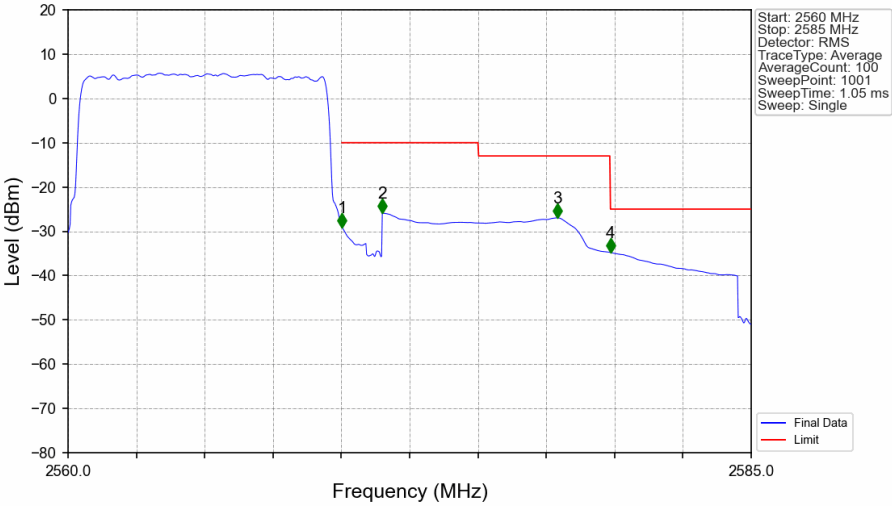


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



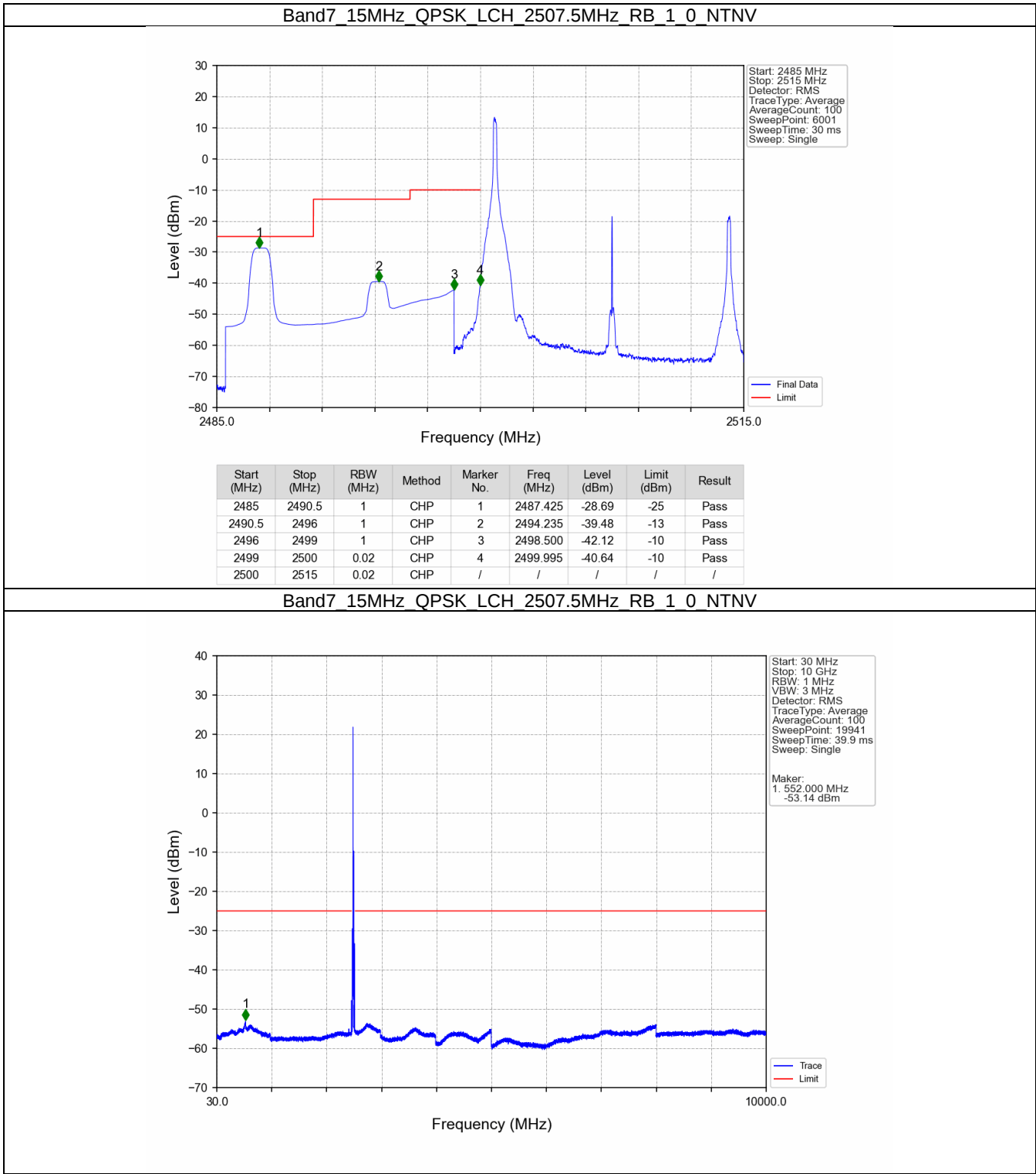
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-42.62	-10	Pass
2571	2575	1	CHP	2	2573.575	-39.49	-10	Pass
2575	2579.843	1	CHP	3	2578.180	-29.36	-13	Pass
2579.843	2585	1	CHP	4	2582.820	-52.65	-25	Pass

Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

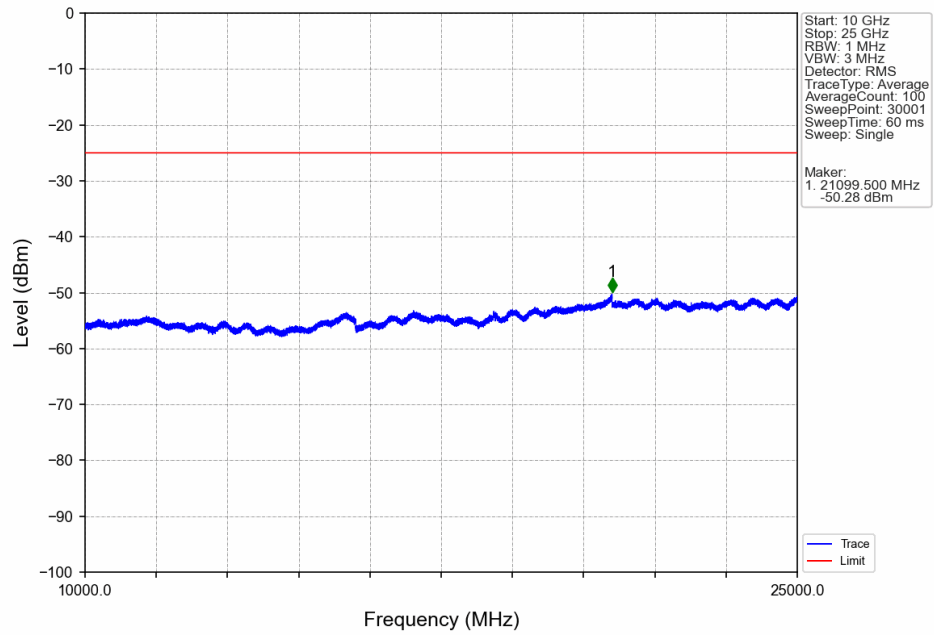


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.197	CHP	/	/	/	/	/
2570	2571	0.197	CHP	1	2570.025	-29.05	-10	Pass
2571	2575	1	CHP	2	2571.500	-25.88	-10	Pass
2575	2579.843	1	CHP	3	2577.900	-26.95	-13	Pass
2579.843	2585	1	CHP	4	2579.850	-34.79	-25	Pass

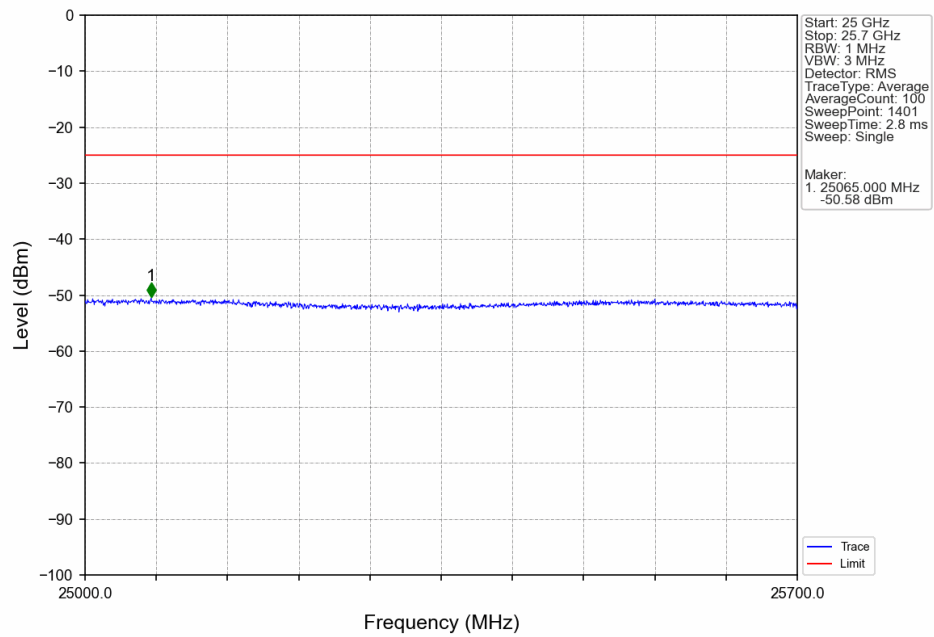
5.2.3 B7_15MHz



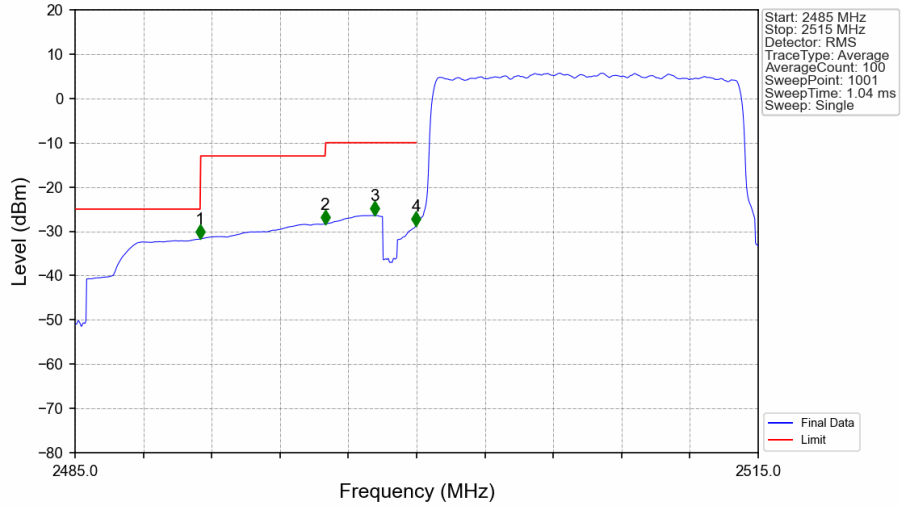
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

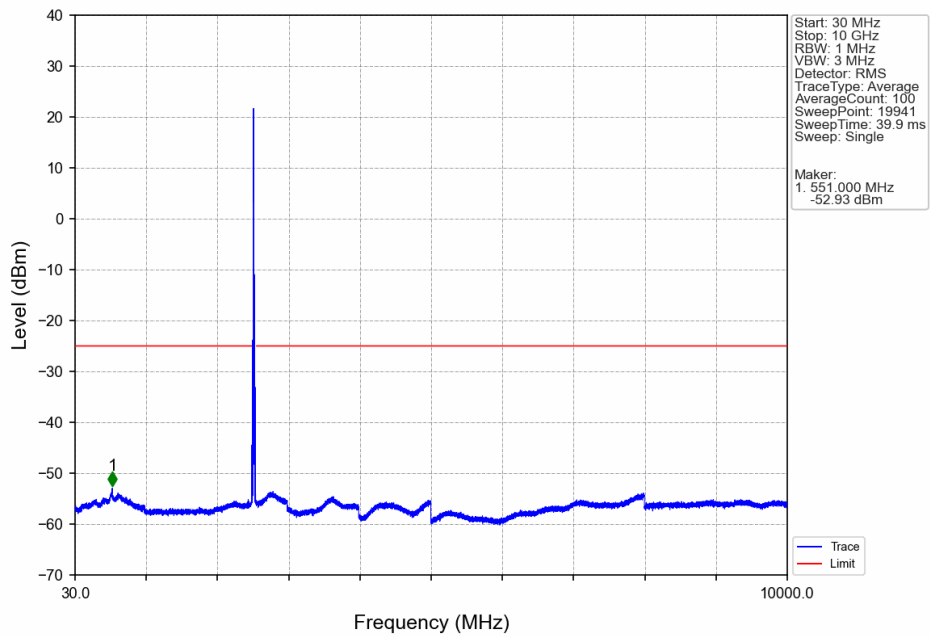


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

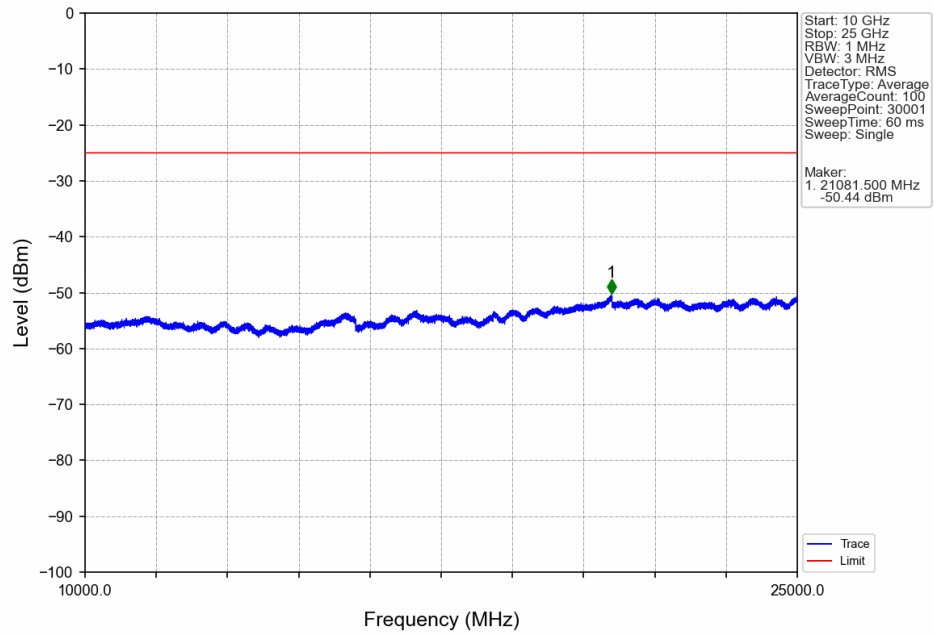


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-31.75	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-28.34	-13	Pass
2496	2499	1	CHP	3	2498.140	-26.44	-10	Pass
2499	2500	0.289	CHP	4	2499.970	-28.73	-10	Pass
2500	2515	0.289	CHP	/	/	/	/	/

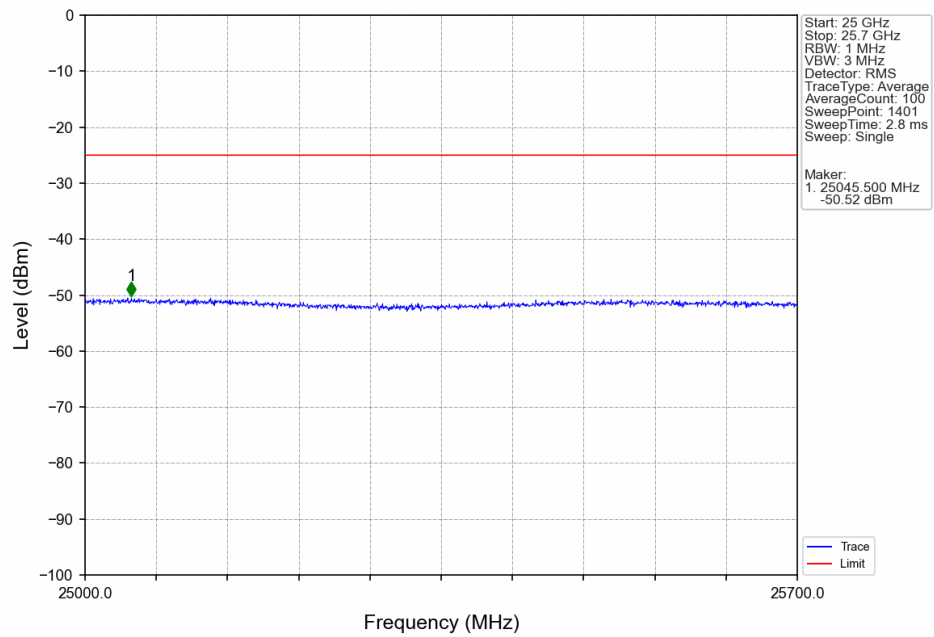
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



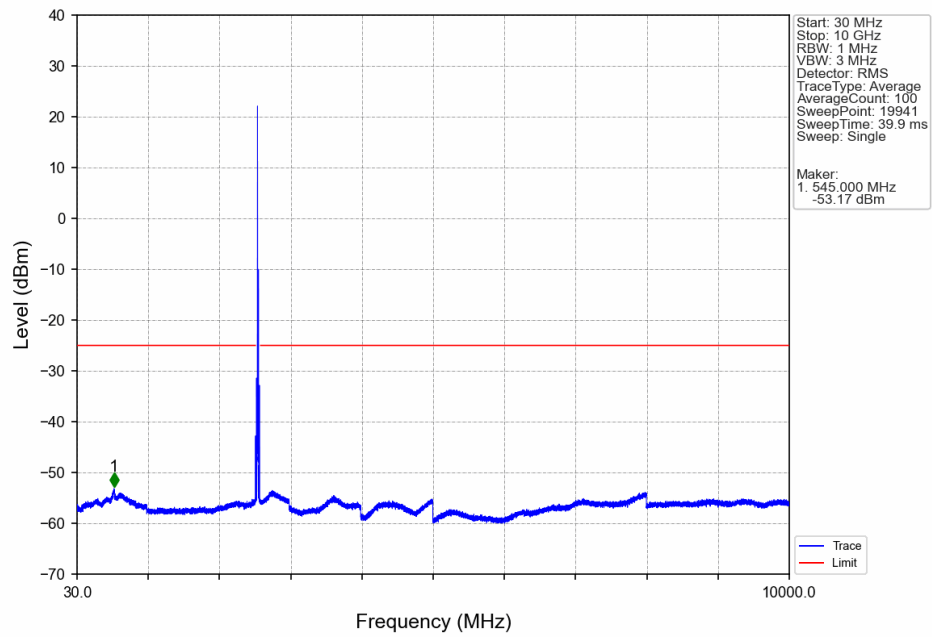
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



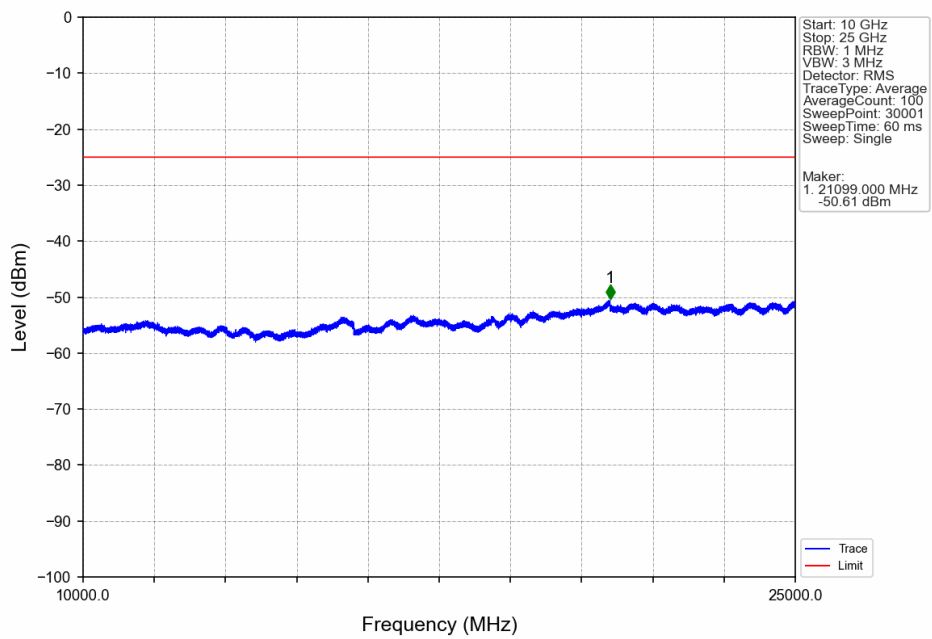
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



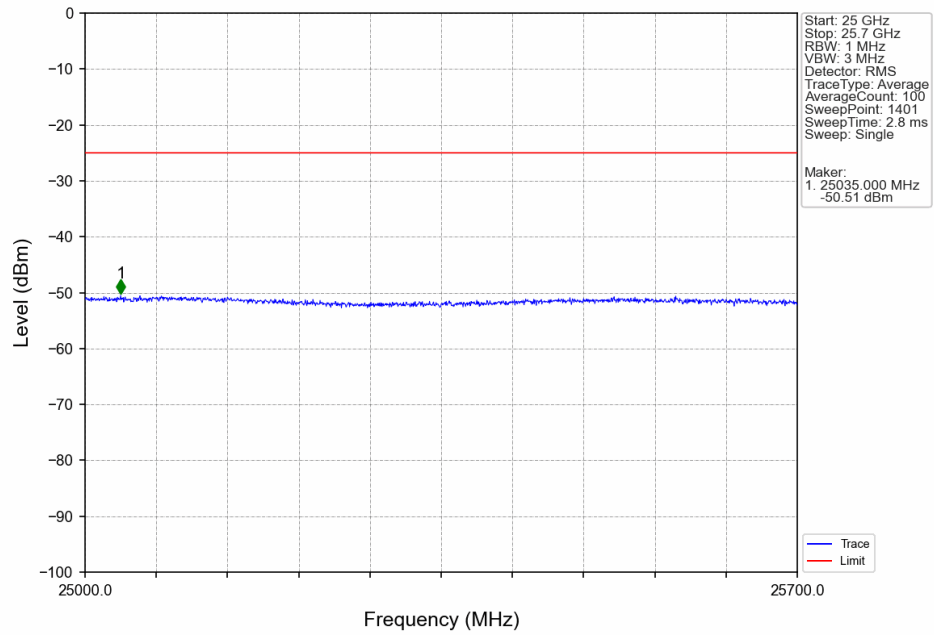
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



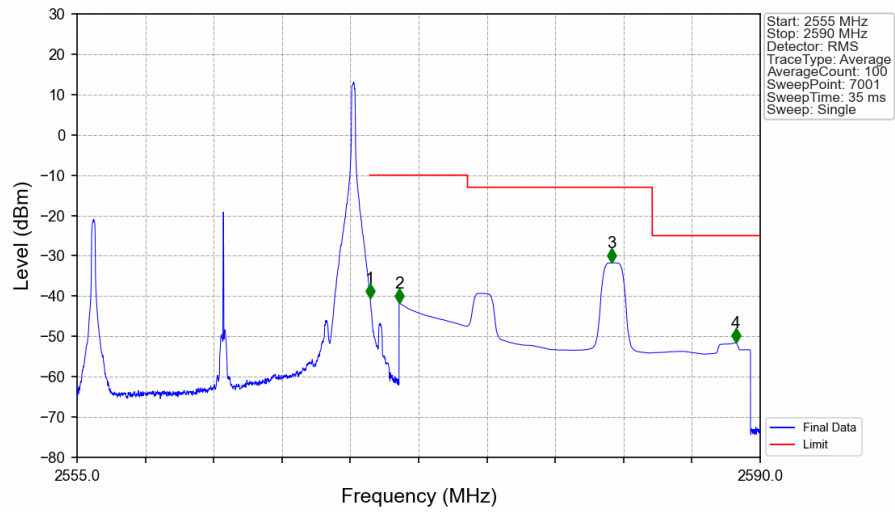
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

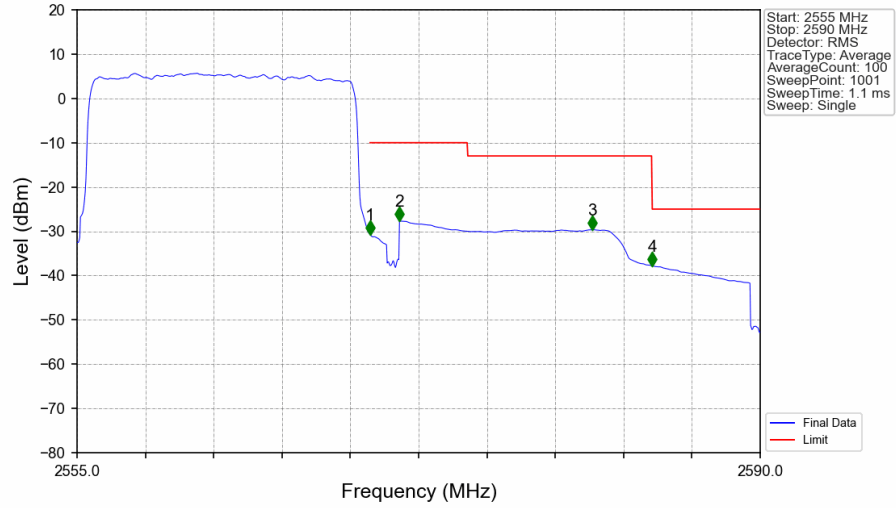


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



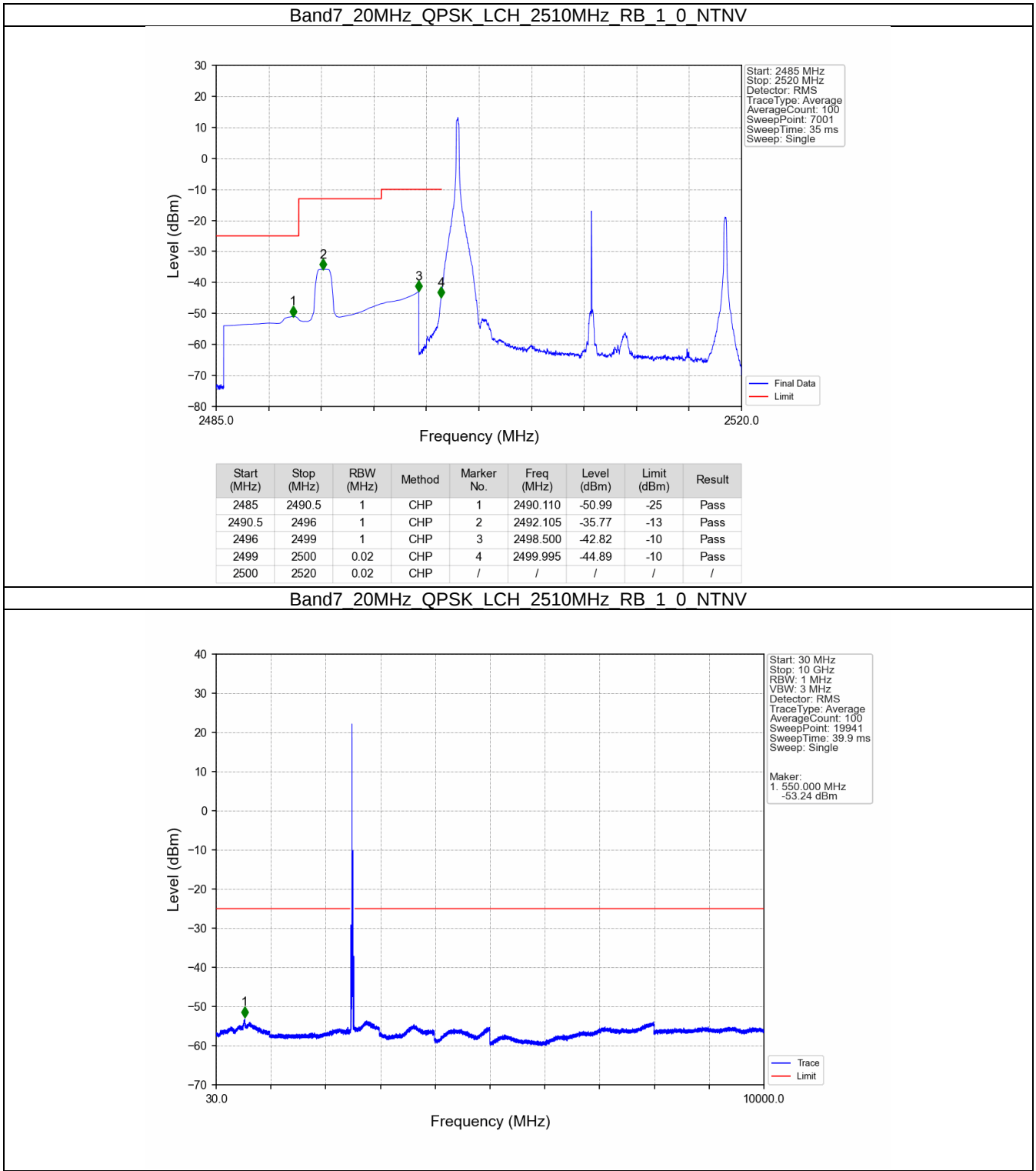
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-40.45	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.67	-10	Pass
2575	2584.469	1	CHP	3	2582.395	-31.74	-13	Pass
2584.469	2590	1	CHP	4	2588.745	-51.57	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

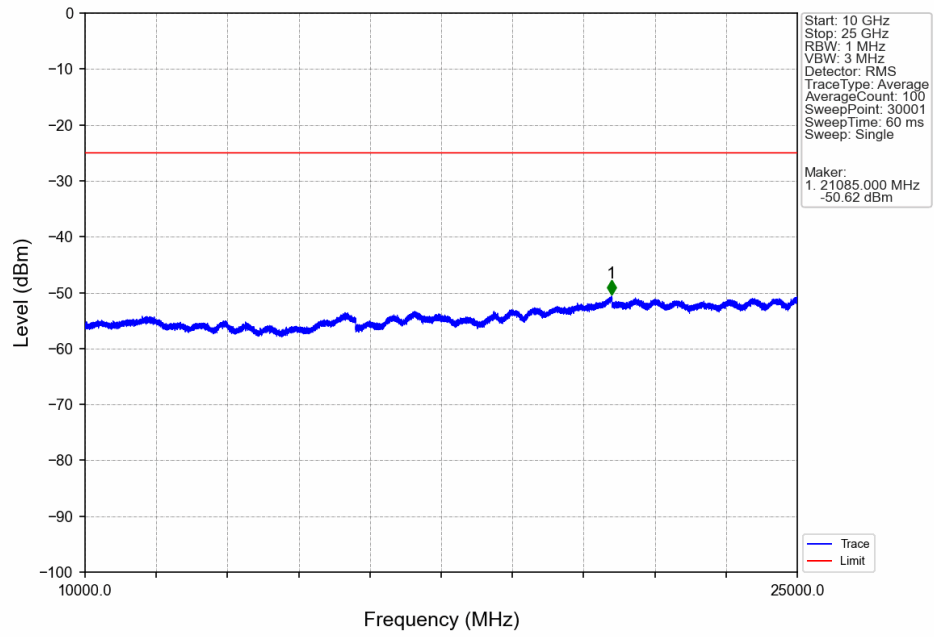


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.289	CHP	/	/	/	/	/
2570	2571	0.289	CHP	1	2570.015	-30.73	-10	Pass
2571	2575	1	CHP	2	2571.520	-27.68	-10	Pass
2575	2584.469	1	CHP	3	2581.390	-29.64	-13	Pass
2584.469	2590	1	CHP	4	2584.470	-37.83	-25	Pass

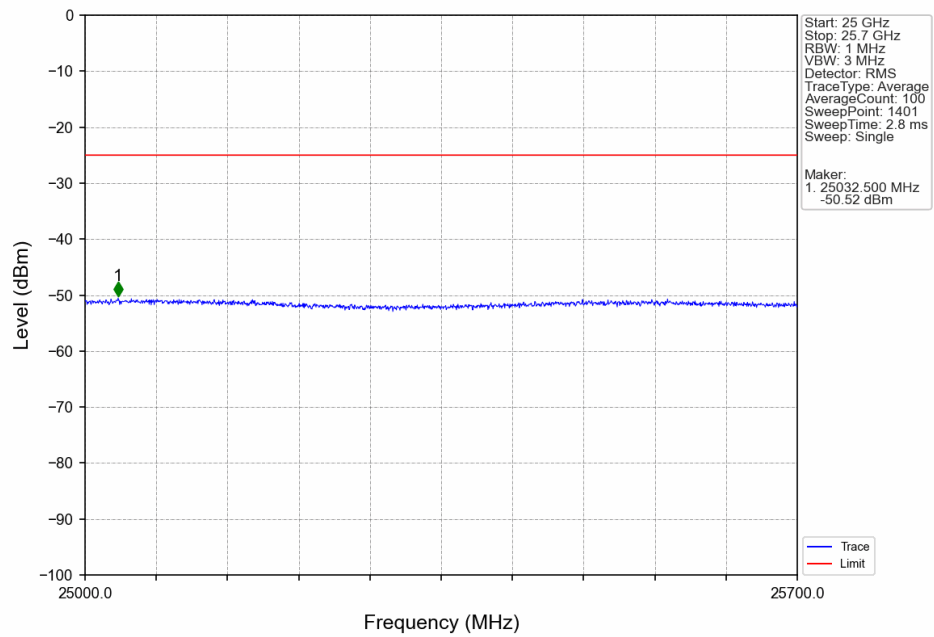
5.2.4 B7_20MHz



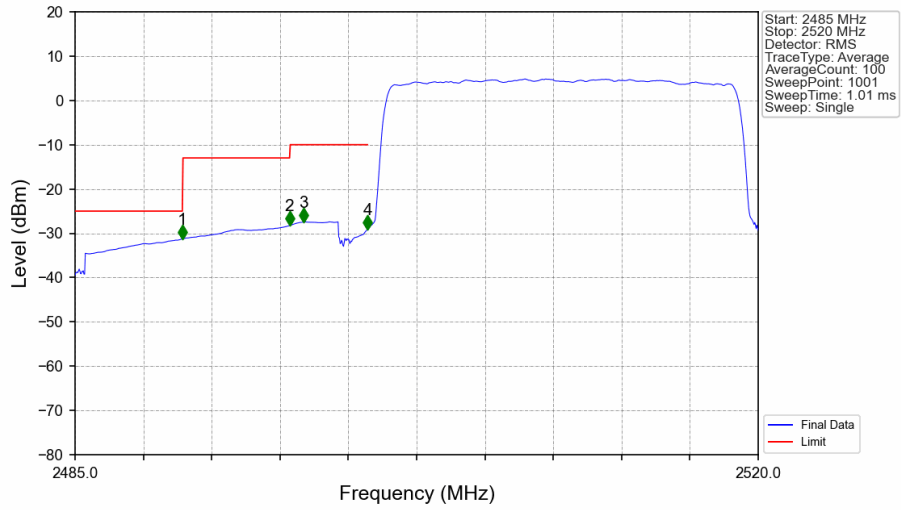
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

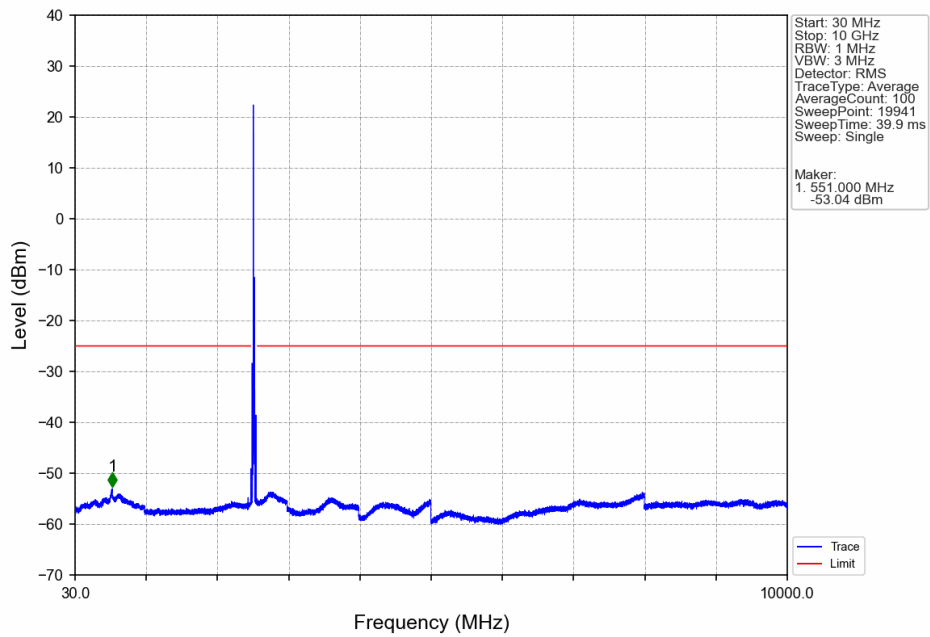


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

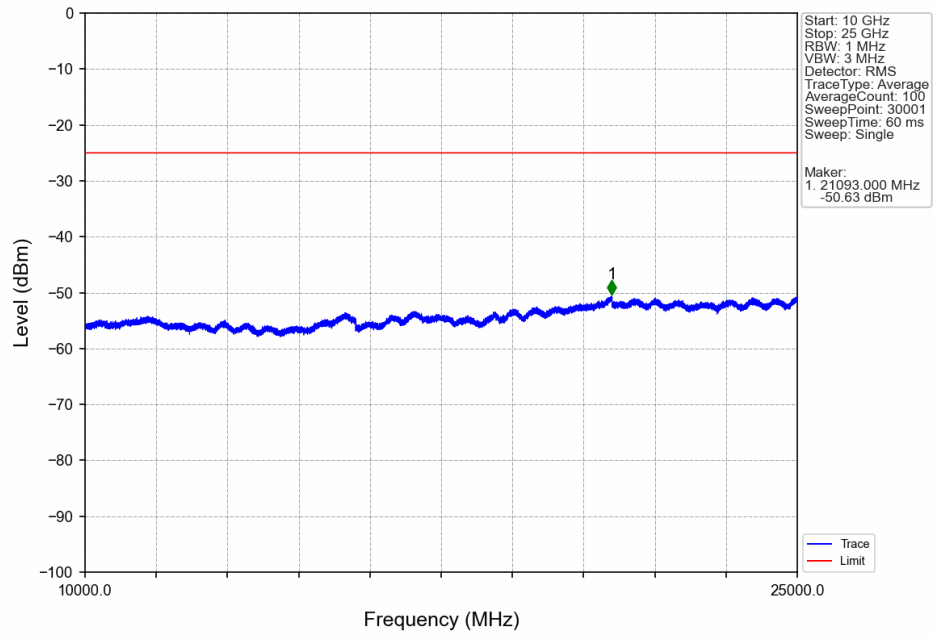


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-31.29	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-28.26	-13	Pass
2496	2499	1	CHP	3	2496.725	-27.43	-10	Pass
2499	2500	0.392	CHP	4	2499.980	-29.13	-10	Pass
2500	2520	0.392	CHP	/	/	/	/	/

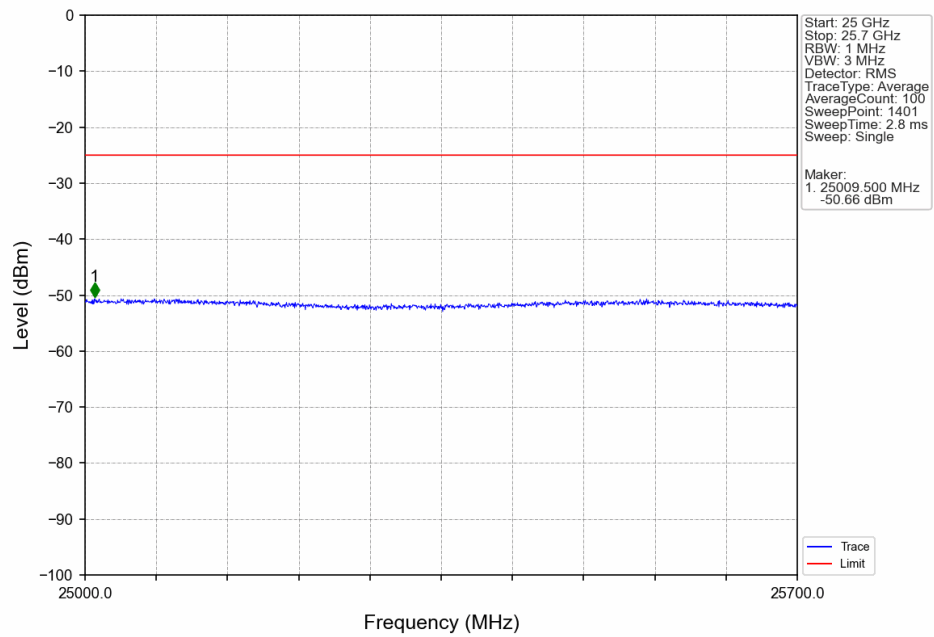
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



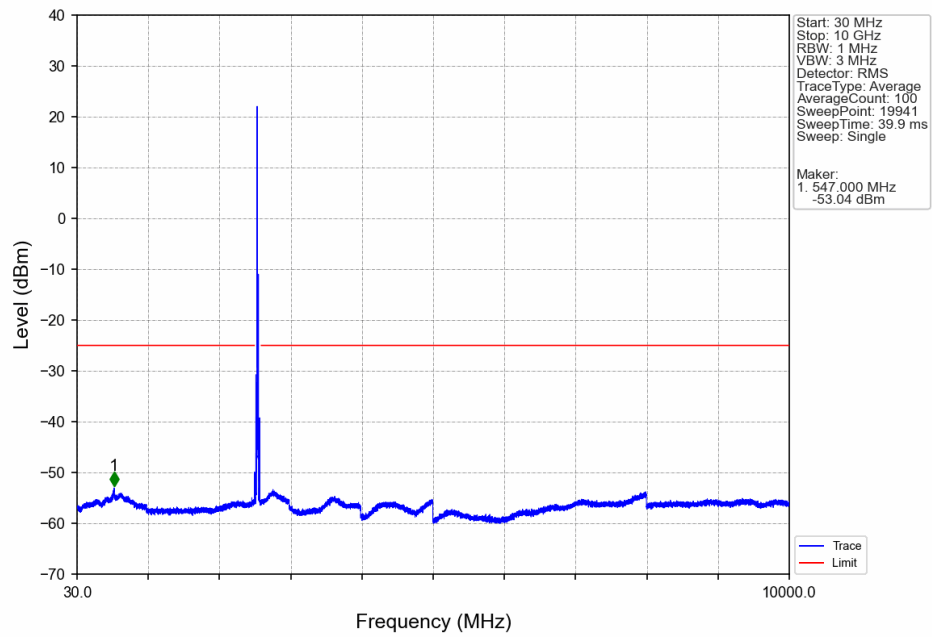
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



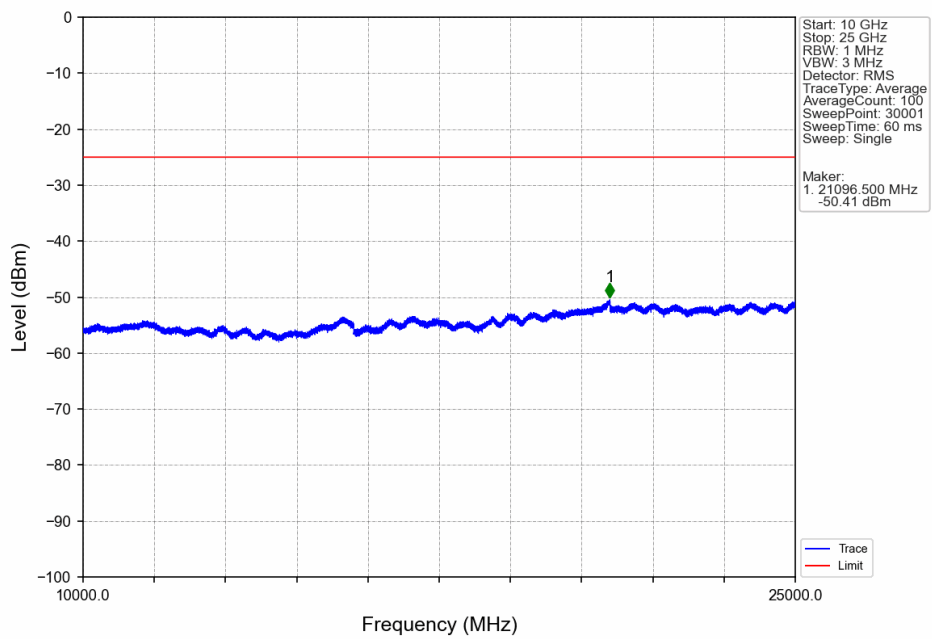
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



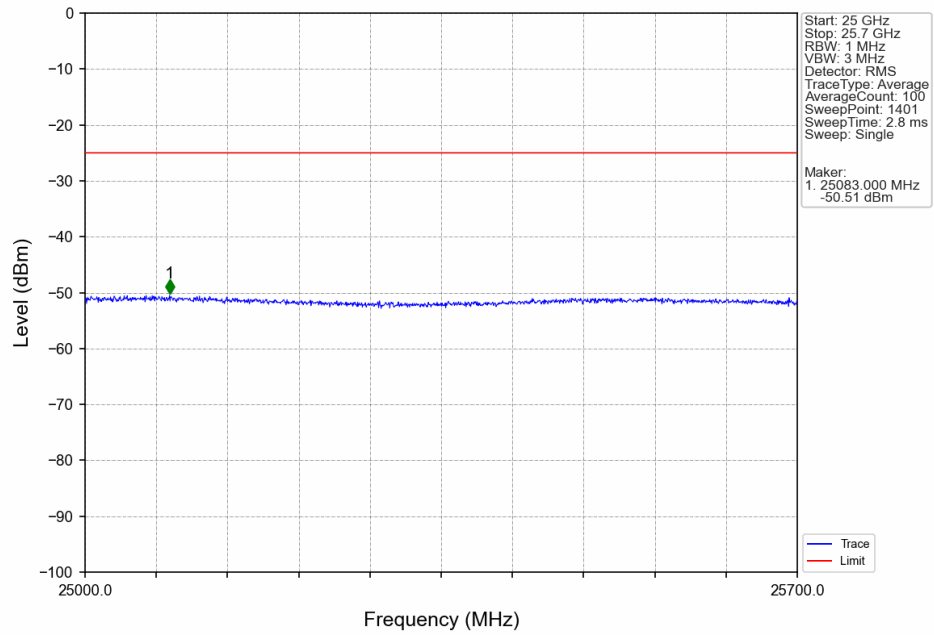
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



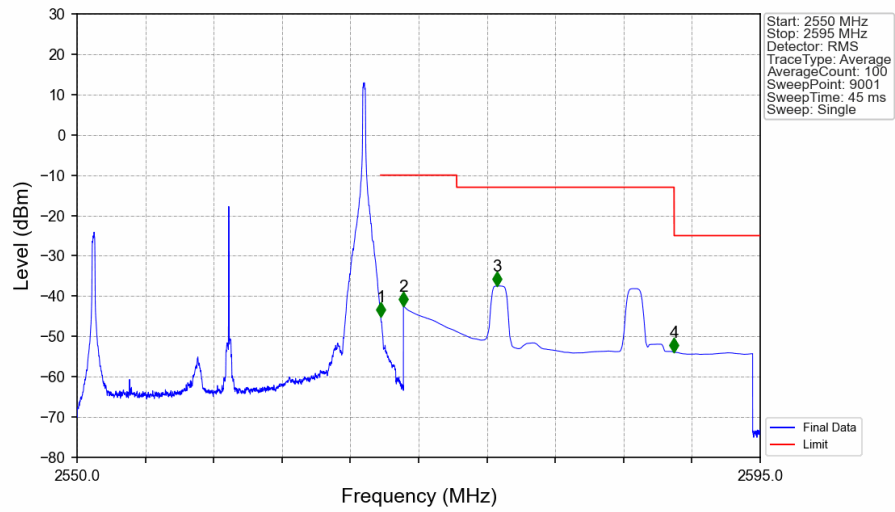
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

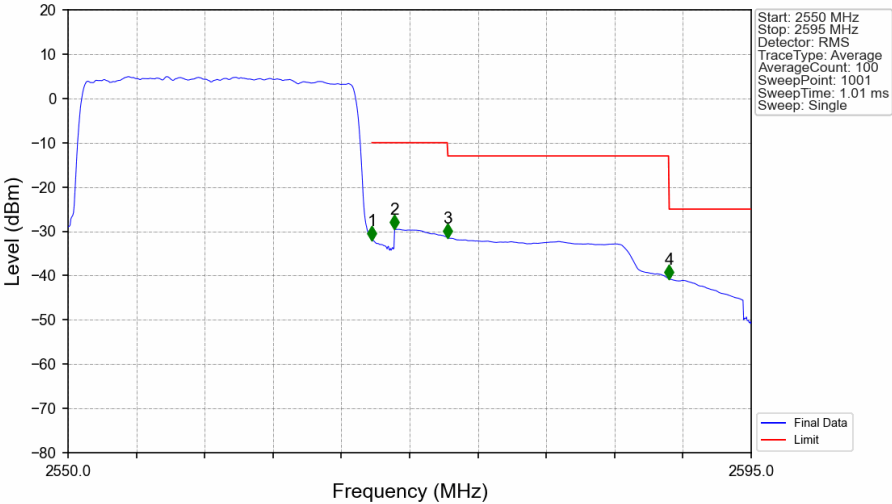


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



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	-45.13	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.49	-10	Pass
2575	2589.328	1	CHP	3	2577.670	-37.48	-13	Pass
2589.328	2595	1	CHP	4	2589.330	-53.87	-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	0.392	CHP	/	/	/	/	/
2570	2571	0.392	CHP	1	2570.025	-32.06	-10	Pass
2571	2575	1	CHP	2	2571.510	-29.54	-10	Pass
2575	2589.594	1	CHP	3	2575.020	-31.43	-13	Pass
2589.594	2595	1	CHP	4	2589.600	-40.77	-25	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 7_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.125	57.34	-48.01	31.21	-54.72	-25.00	29.72	Horizontal
2	7503.27	59.93	-46.12	36.40	-45.05	-25.00	20.05	Horizontal
3	10004.36	40.37	-41.71	38.80	-57.79	-25.00	32.79	Horizontal
4	12505.45	48.67	-39.84	39.10	-47.33	-25.00	22.33	Horizontal
5	15006.54	48.74	-38.03	40.19	-44.36	-25.00	19.36	Horizontal
6	17507.63	35.25	-36.82	41.85	-54.98	-25.00	29.98	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5002.125	59.43	-48.01	31.21	-52.63	-25.00	27.63	Vertical
2	7503.27	61.54	-46.12	36.40	-43.44	-25.00	18.44	Vertical
3	10004.36	43.80	-41.71	38.80	-54.36	-25.00	29.36	Vertical
4	12505.45	43.14	-39.84	39.10	-52.86	-25.00	27.86	Vertical
5	15006.54	58.17	-38.03	40.19	-34.93	-25.00	9.93	Vertical
6	17507.63	39.59	-36.82	41.85	-50.64	-25.00	25.64	Vertical

Test Band = LTE Band 7_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	10104.375	46.23	-41.88	38.87	-52.04	-25.00	27.04	Horizontal
2	12630.375	51.39	-39.08	39.02	-43.92	-25.00	18.92	Horizontal
3	15156.375	59.35	-37.43	39.92	-33.43	-25.00	8.43	Horizontal
4	5052.18	57.47	-47.91	31.35	-54.35	-25.00	29.35	Horizontal
5	7578.27	59.85	-44.92	36.38	-43.94	-25.00	18.94	Horizontal
6	17682.63	37.58	-37.64	42.90	-52.42	-25.00	27.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	15156.375	68.75	-37.43	39.92	-24.03	-25.00	-0.97	Vertical
2	5052.18	59.44	-47.91	31.35	-52.38	-25.00	27.38	Vertical
3	7578.27	66.19	-44.92	36.38	-37.60	-25.00	12.60	Vertical
4	10104.36	52.33	-41.88	38.87	-45.94	-25.00	20.94	Vertical
5	12630.45	53.19	-39.08	39.02	-42.12	-25.00	17.12	Vertical
6	17682.63	44.55	-37.64	42.90	-45.45	-25.00	20.45	Vertical

Test Band = LTE Band 7_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	15306.375	49.67	-37.88	39.65	-43.82	-25.00	18.82	Horizontal
2	5102.18	56.23	-47.82	31.49	-55.37	-25.00	30.37	Horizontal
3	7653.27	55.78	-44.91	36.37	-48.02	-25.00	23.02	Horizontal
4	10204.36	43.22	-42.10	38.94	-55.19	-25.00	30.19	Horizontal
5	12755.45	43.25	-39.29	38.95	-52.35	-25.00	27.35	Horizontal
6	17857.63	36.20	-36.85	43.95	-51.97	-25.00	26.97	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	10204.125	48.80	-42.10	38.94	-49.62	-25.00	24.62	Vertical
2	12755.25	47.17	-39.29	38.95	-48.43	-25.00	23.43	Vertical
3	17857.125	40.84	-36.86	43.94	-47.34	-25.00	22.34	Vertical
4	5102.18	59.73	-47.82	31.49	-51.87	-25.00	26.87	Vertical
5	7653.27	61.98	-44.91	36.37	-41.82	-25.00	16.82	Vertical
6	15306.54	58.92	-37.87	39.65	-34.56	-25.00	9.56	Vertical