

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	24.02	0.05	24.07	<=33.01	Pass
			24	24.45	0.05	24.50	<=33.01	Pass
		25	0	23.28	0.05	23.33	<=33.01	Pass
	2535	1	0	24.31	0.05	24.36	<=33.01	Pass
			24	24.30	0.05	24.35	<=33.01	Pass
		25	0	23.40	0.05	23.45	<=33.01	Pass
	2567.5	1	0	24.26	0.05	24.31	<=33.01	Pass
			24	24.19	0.05	24.24	<=33.01	Pass
		25	0	23.31	0.05	23.36	<=33.01	Pass
16QAM	2502.5	1	0	23.55	0.05	23.60	<=33.01	Pass
			24	23.52	0.05	23.57	<=33.01	Pass
		25	0	22.37	0.05	22.42	<=33.01	Pass
	2535	1	0	23.36	0.05	23.41	<=33.01	Pass
			24	23.51	0.05	23.56	<=33.01	Pass
		25	0	22.39	0.05	22.44	<=33.01	Pass
	2567.5	1	0	23.53	0.05	23.58	<=33.01	Pass
			24	23.08	0.05	23.13	<=33.01	Pass
		25	0	22.29	0.05	22.34	<=33.01	Pass
64QAM	2502.5	1	0	22.40	0.05	22.45	<=33.01	Pass
			24	23.60	0.05	23.65	<=33.01	Pass
		25	0	22.47	0.05	22.52	<=33.01	Pass
	2535	1	0	23.32	0.05	23.37	<=33.01	Pass
			24	23.08	0.05	23.13	<=33.01	Pass
		25	0	22.40	0.05	22.45	<=33.01	Pass
	2567.5	1	0	23.16	0.05	23.21	<=33.01	Pass
			24	23.19	0.05	23.24	<=33.01	Pass
		25	0	22.27	0.05	22.32	<=33.01	Pass
256QAM	2502.5	1	0	19.52	0.05	19.57	<=33.01	Pass
			24	19.34	0.05	19.39	<=33.01	Pass
		25	0	19.39	0.05	19.44	<=33.01	Pass
	2535	1	0	18.97	0.05	19.02	<=33.01	Pass
			24	18.84	0.05	18.89	<=33.01	Pass
		25	0	19.20	0.05	19.25	<=33.01	Pass
	2567.5	1	0	19.13	0.05	19.18	<=33.01	Pass
			24	19.05	0.05	19.10	<=33.01	Pass
		25	0	19.21	0.05	19.26	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	24.05	0.05	24.10	<=33.01	Pass
			49	24.37	0.05	24.42	<=33.01	Pass
		50	0	23.48	0.05	23.53	<=33.01	Pass
	2535	1	0	24.27	0.05	24.32	<=33.01	Pass

	2565		49	24.22	0.05	24.27	<=33.01	Pass
		50	0	23.04	0.05	23.09	<=33.01	Pass
		1	0	24.25	0.05	24.30	<=33.01	Pass
			49	24.22	0.05	24.27	<=33.01	Pass
		50	0	23.25	0.05	23.30	<=33.01	Pass
16QAM	2505	1	0	23.75	0.05	23.80	<=33.01	Pass
			49	23.04	0.05	23.09	<=33.01	Pass
		50	0	22.47	0.05	22.52	<=33.01	Pass
	2535	1	0	23.44	0.05	23.49	<=33.01	Pass
			49	23.65	0.05	23.70	<=33.01	Pass
		50	0	22.25	0.05	22.30	<=33.01	Pass
	2565	1	0	23.32	0.05	23.37	<=33.01	Pass
			49	23.55	0.05	23.60	<=33.01	Pass
		50	0	22.27	0.05	22.32	<=33.01	Pass
64QAM	2505	1	0	22.78	0.05	22.83	<=33.01	Pass
			49	23.22	0.05	23.27	<=33.01	Pass
		50	0	22.30	0.05	22.35	<=33.01	Pass
	2535	1	0	23.19	0.05	23.24	<=33.01	Pass
			49	22.94	0.05	22.99	<=33.01	Pass
		50	0	22.37	0.05	22.42	<=33.01	Pass
	2565	1	0	22.54	0.05	22.59	<=33.01	Pass
			49	23.00	0.05	23.05	<=33.01	Pass
		50	0	22.28	0.05	22.33	<=33.01	Pass
256QAM	2505	1	0	19.23	0.05	19.28	<=33.01	Pass
			49	19.34	0.05	19.39	<=33.01	Pass
		50	0	19.36	0.05	19.41	<=33.01	Pass
	2535	1	0	19.34	0.05	19.39	<=33.01	Pass
			49	19.20	0.05	19.25	<=33.01	Pass
		50	0	19.27	0.05	19.32	<=33.01	Pass
	2565	1	0	19.18	0.05	19.23	<=33.01	Pass
			49	19.31	0.05	19.36	<=33.01	Pass
		50	0	19.23	0.05	19.28	<=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	24.16	0.05	24.21	<=33.01	Pass
			74	24.09	0.05	24.14	<=33.01	Pass
		75	0	23.28	0.05	23.33	<=33.01	Pass
	2535	1	0	24.18	0.05	24.23	<=33.01	Pass
			74	24.14	0.05	24.19	<=33.01	Pass
		75	0	23.23	0.05	23.28	<=33.01	Pass
	2562.5	1	0	24.12	0.05	24.17	<=33.01	Pass
			74	24.11	0.05	24.16	<=33.01	Pass
		75	0	23.14	0.05	23.19	<=33.01	Pass
16QAM	2507.5	1	0	23.18	0.05	23.23	<=33.01	Pass
			74	23.25	0.05	23.30	<=33.01	Pass
		75	0	22.35	0.05	22.40	<=33.01	Pass
	2535	1	0	22.89	0.05	22.94	<=33.01	Pass
			74	23.47	0.05	23.52	<=33.01	Pass
		75	0	22.22	0.05	22.27	<=33.01	Pass
	2562.5	1	0	23.07	0.05	23.12	<=33.01	Pass
			74	23.16	0.05	23.21	<=33.01	Pass
		75	0	22.22	0.05	22.27	<=33.01	Pass

64QAM	2507.5	1	0	23.16	0.05	23.21	<=33.01	Pass
			74	22.96	0.05	23.01	<=33.01	Pass
		75	0	22.12	0.05	22.17	<=33.01	Pass
	2535	1	0	23.16	0.05	23.21	<=33.01	Pass
			74	23.10	0.05	23.15	<=33.01	Pass
		75	0	22.24	0.05	22.29	<=33.01	Pass
	2562.5	1	0	23.02	0.05	23.07	<=33.01	Pass
			74	22.79	0.05	22.84	<=33.01	Pass
		75	0	22.22	0.05	22.27	<=33.01	Pass
256QAM	2507.5	1	0	19.36	0.05	19.41	<=33.01	Pass
			74	19.38	0.05	19.43	<=33.01	Pass
		75	0	19.32	0.05	19.37	<=33.01	Pass
	2535	1	0	19.17	0.05	19.22	<=33.01	Pass
			74	19.32	0.05	19.37	<=33.01	Pass
		75	0	19.24	0.05	19.29	<=33.01	Pass
	2562.5	1	0	19.20	0.05	19.25	<=33.01	Pass
			74	19.01	0.05	19.06	<=33.01	Pass
		75	0	19.19	0.05	19.24	<=33.01	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	24.20	0.05	24.25	<=33.01	Pass
			99	24.10	0.05	24.15	<=33.01	Pass
		100	0	23.35	0.05	23.40	<=33.01	Pass
	2535	1	0	24.07	0.05	24.12	<=33.01	Pass
			99	24.00	0.05	24.05	<=33.01	Pass
		100	0	23.19	0.05	23.24	<=33.01	Pass
	2560	1	0	24.18	0.05	24.23	<=33.01	Pass
			99	24.17	0.05	24.22	<=33.01	Pass
		100	0	23.17	0.05	23.22	<=33.01	Pass
16QAM	2510	1	0	23.18	0.05	23.23	<=33.01	Pass
			99	23.27	0.05	23.32	<=33.01	Pass
		100	0	22.33	0.05	22.38	<=33.01	Pass
	2535	1	0	23.26	0.05	23.31	<=33.01	Pass
			99	23.18	0.05	23.23	<=33.01	Pass
		100	0	22.10	0.05	22.15	<=33.01	Pass
	2560	1	0	23.36	0.05	23.41	<=33.01	Pass
			99	22.98	0.05	23.03	<=33.01	Pass
		100	0	22.27	0.05	22.32	<=33.01	Pass
64QAM	2510	1	0	22.55	0.05	22.60	<=33.01	Pass
			99	23.13	0.05	23.18	<=33.01	Pass
		100	0	22.31	0.05	22.36	<=33.01	Pass
	2535	1	0	22.73	0.05	22.78	<=33.01	Pass
			99	23.20	0.05	23.25	<=33.01	Pass
		100	0	22.20	0.05	22.25	<=33.01	Pass
	2560	1	0	22.91	0.05	22.96	<=33.01	Pass
			99	22.98	0.05	23.03	<=33.01	Pass
		100	0	22.27	0.05	22.32	<=33.01	Pass
256QAM	2510	1	0	19.25	0.05	19.30	<=33.01	Pass
			99	19.22	0.05	19.27	<=33.01	Pass
		100	0	19.14	0.05	19.19	<=33.01	Pass
	2535	1	0	19.16	0.05	19.21	<=33.01	Pass

		100	0	19.28	0.05	19.33	<=33.01	Pass
	2560	1	0	19.08	0.05	19.13	<=33.01	Pass
			99	19.05	0.05	19.10	<=33.01	Pass
		100	0	19.16	0.05	19.21	<=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	3.6	1.500	0.0006	-2.5 to 2.5	Pass
					3.84	1.700	0.0007	-2.5 to 2.5	Pass
					4.3	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.84	-1.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.84	2.500	0.0010	-2.5 to 2.5	Pass
				-10	3.84	-1.000	-0.0004	-2.5 to 2.5	Pass
				0	3.84	-0.900	-0.0004	-2.5 to 2.5	Pass
				10	3.84	1.200	0.0005	-2.5 to 2.5	Pass
				30	3.84	-6.200	-0.0024	-2.5 to 2.5	Pass
				40	3.84	0.800	0.0003	-2.5 to 2.5	Pass
				50	3.84	-0.300	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

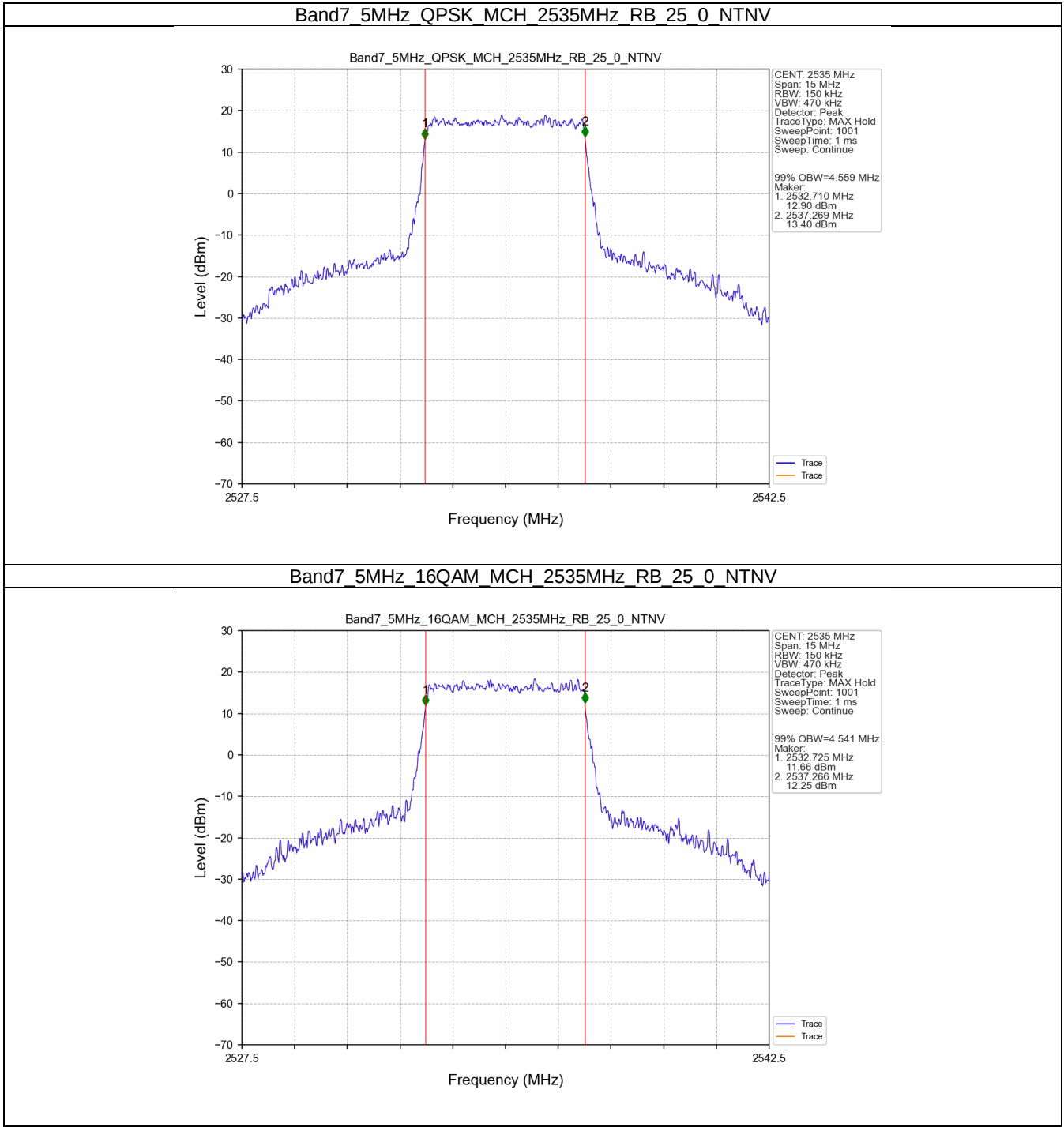
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.559	/	Pass
	16QAM	2535	25	0	4.541	/	Pass
10	QPSK	2535	50	0	9.076	/	Pass
	16QAM	2535	50	0	9.065	/	Pass
15	QPSK	2535	75	0	13.600	/	Pass
	16QAM	2535	75	0	13.567	/	Pass
20	QPSK	2535	100	0	18.087	/	Pass
	16QAM	2535	100	0	18.033	/	Pass

3.1.2 Band7_XDB

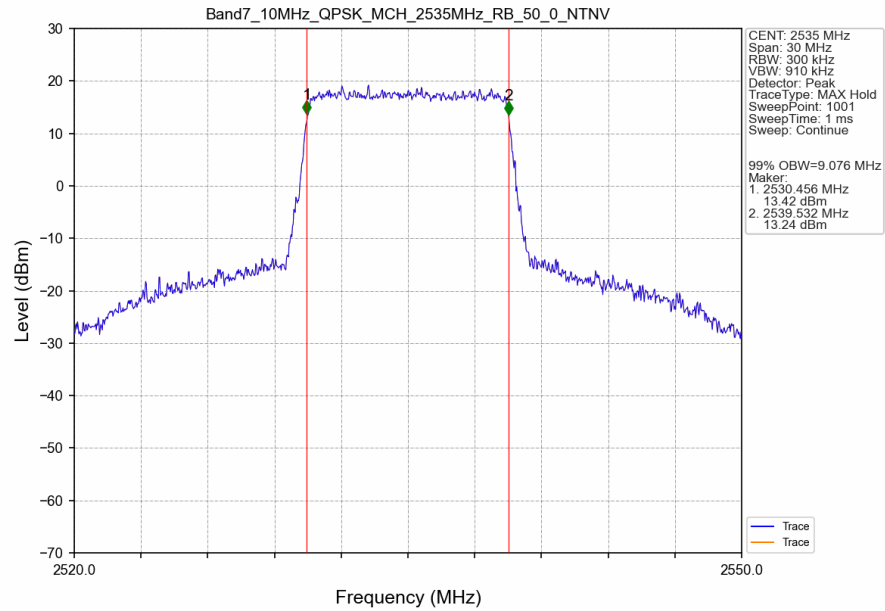
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.235	/	Pass
	16QAM	2535	25	0	5.206	/	Pass
10	QPSK	2535	50	0	10.255	/	Pass
	16QAM	2535	50	0	10.173	/	Pass
15	QPSK	2535	75	0	15.091	/	Pass
	16QAM	2535	75	0	15.257	/	Pass
20	QPSK	2535	100	0	19.971	/	Pass
	16QAM	2535	100	0	19.909	/	Pass

3.2 Test Graph

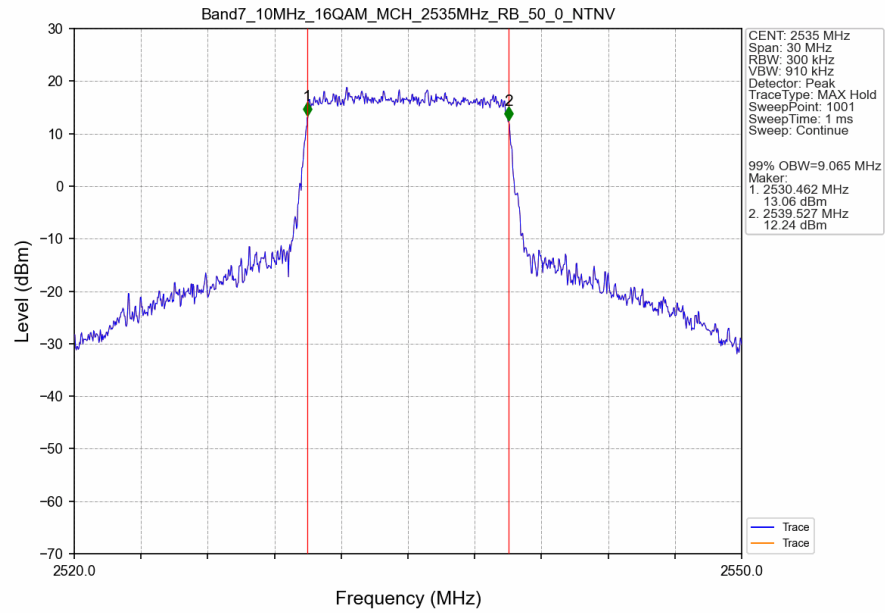
3.2.1 Band7_OBW



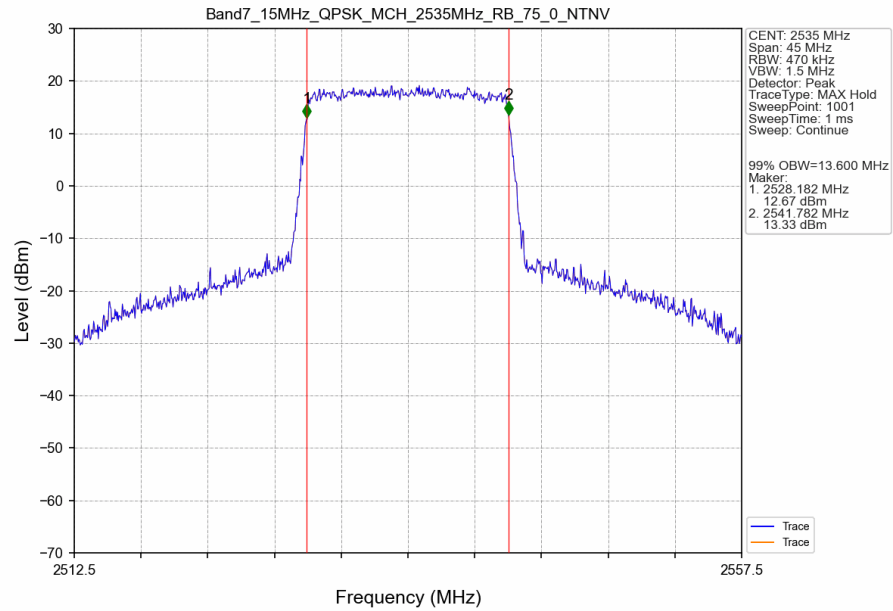
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



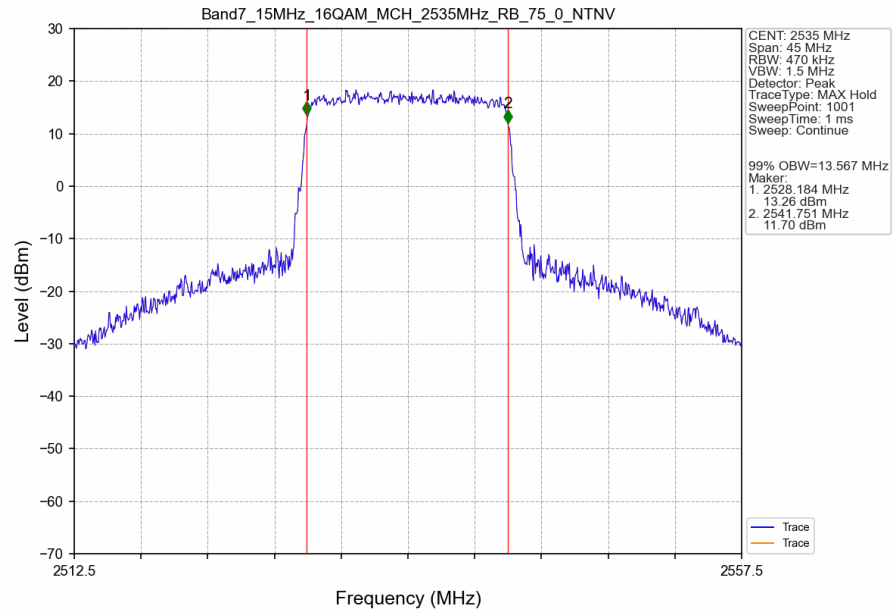
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



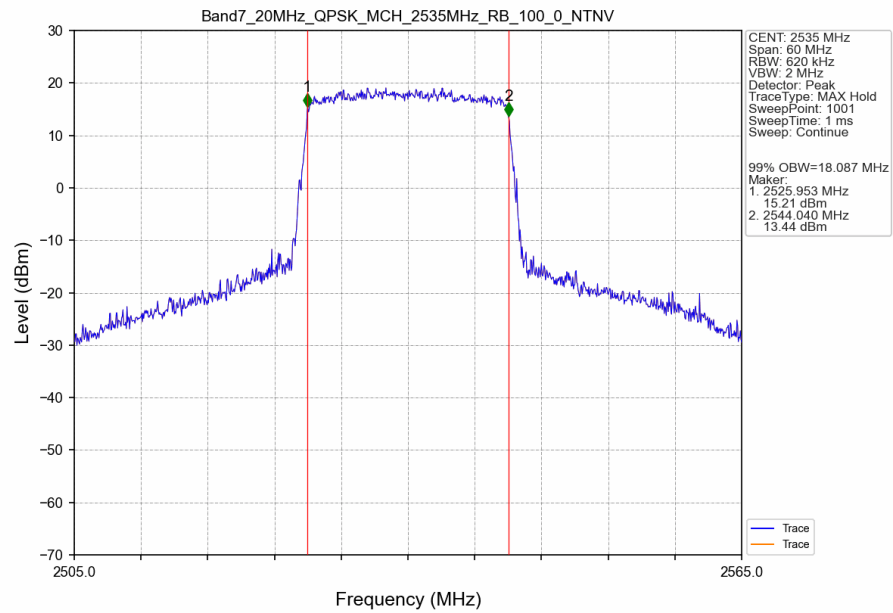
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTV



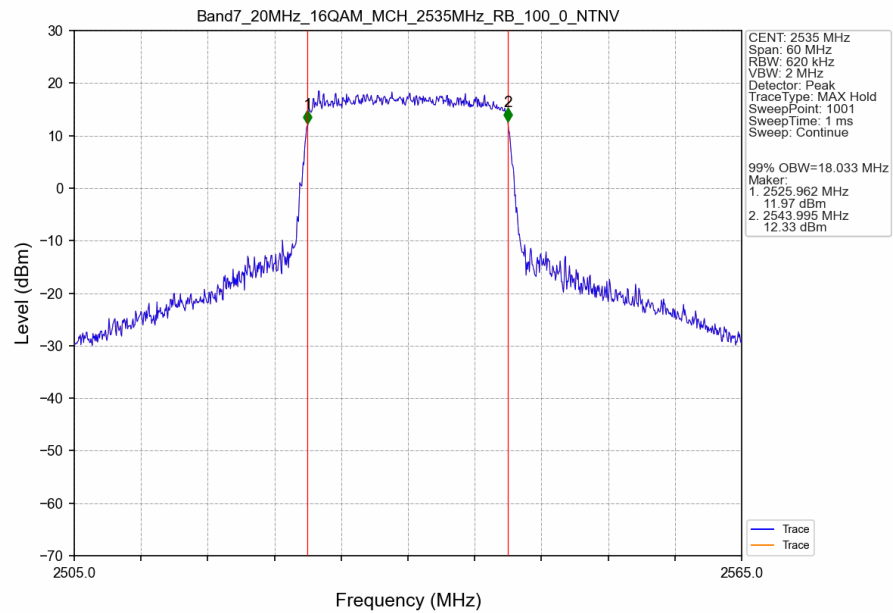
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTV



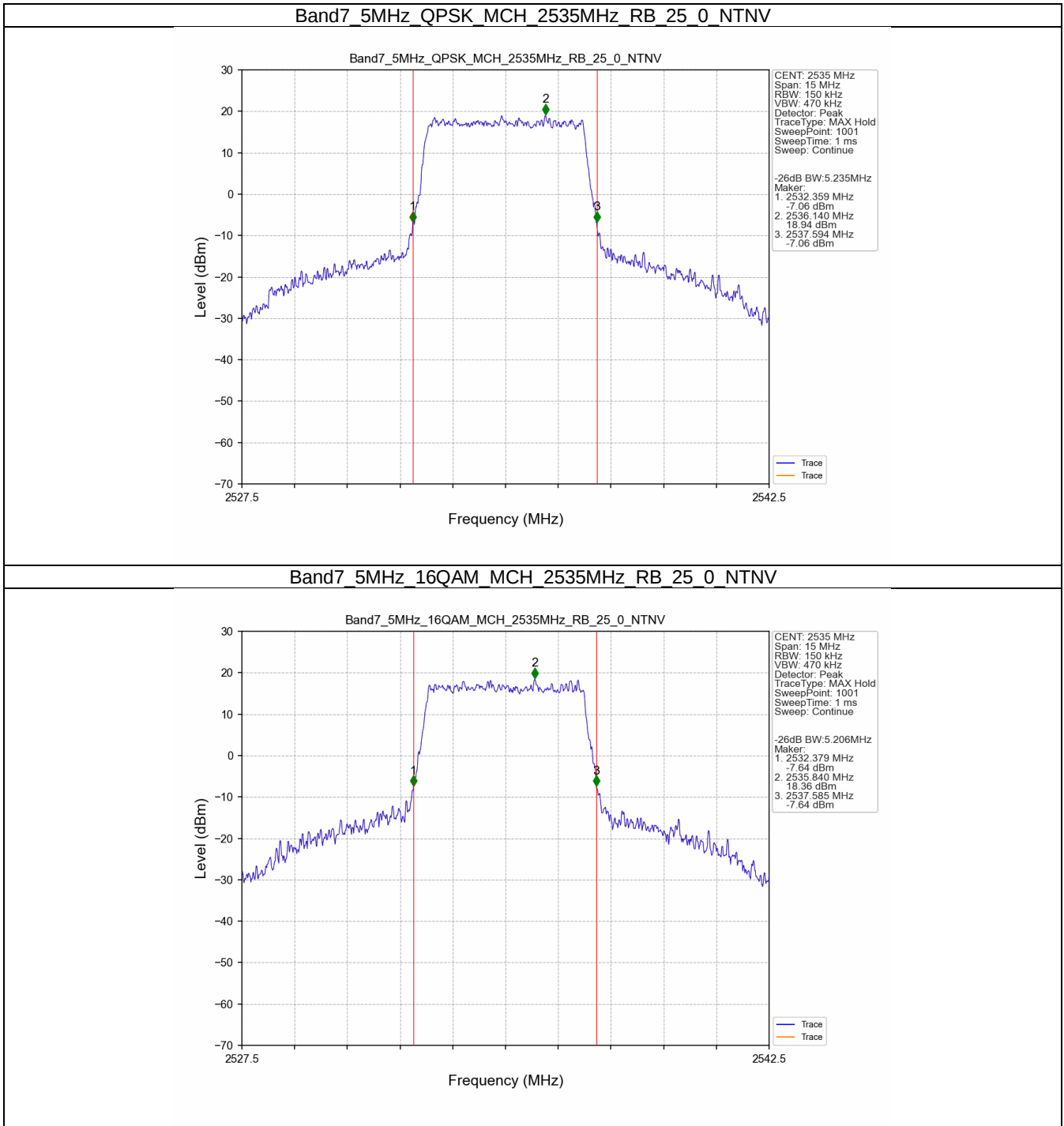
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



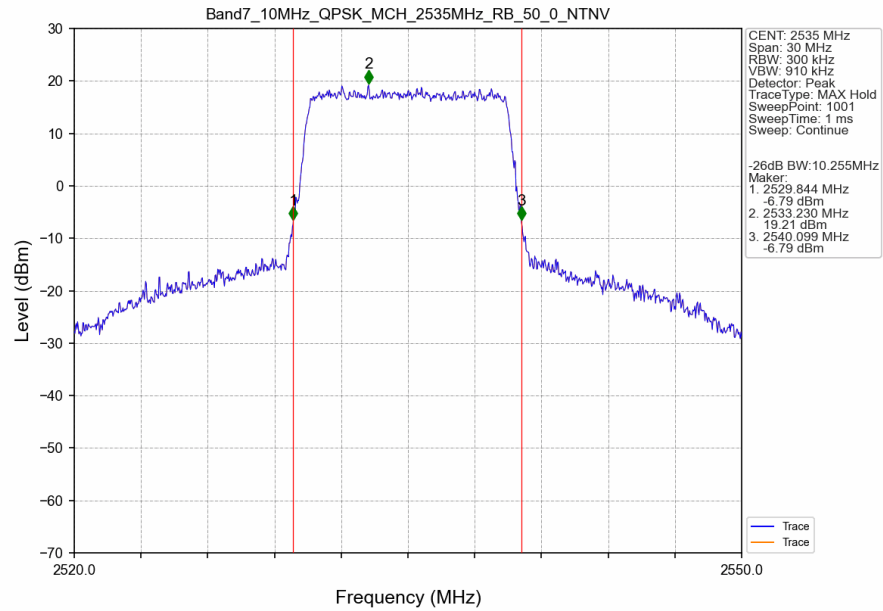
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



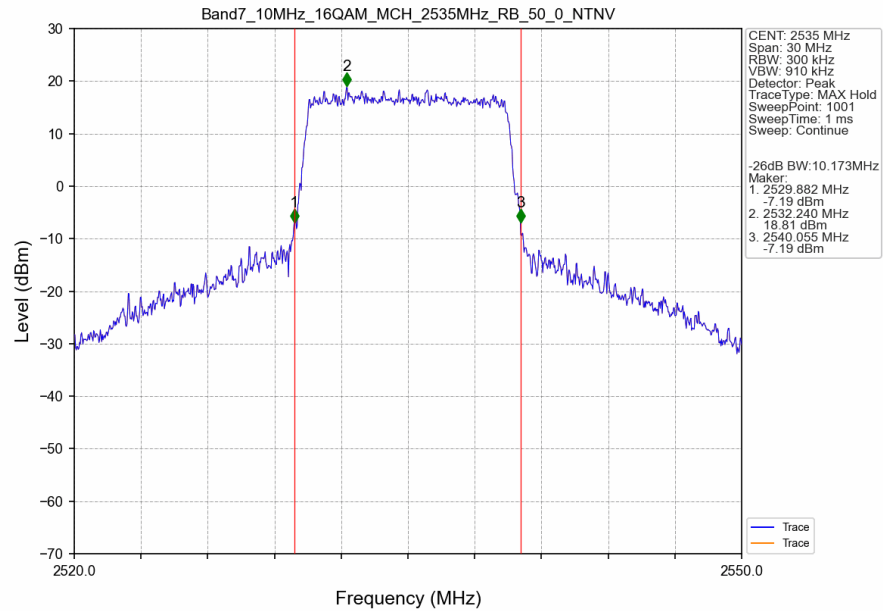
3.2.2 Band7_XDB



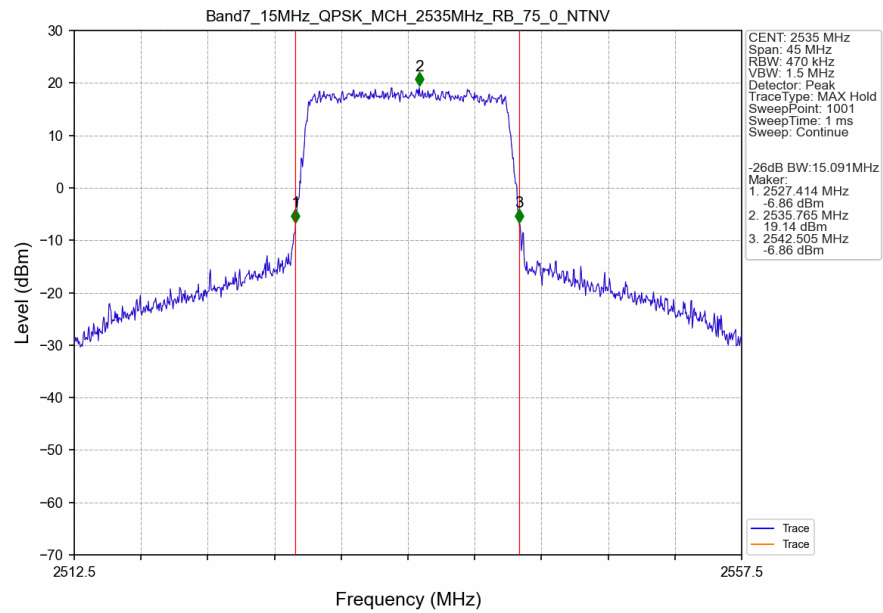
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



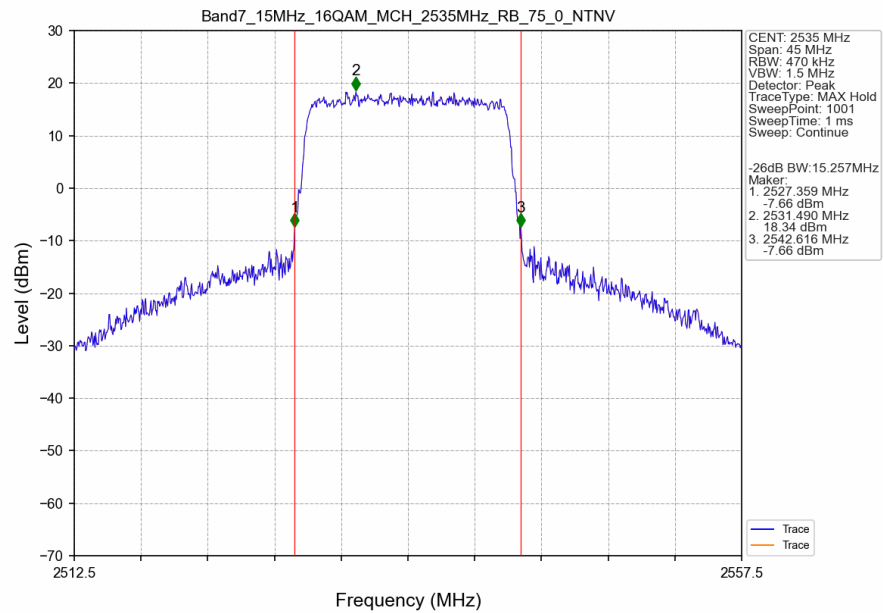
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



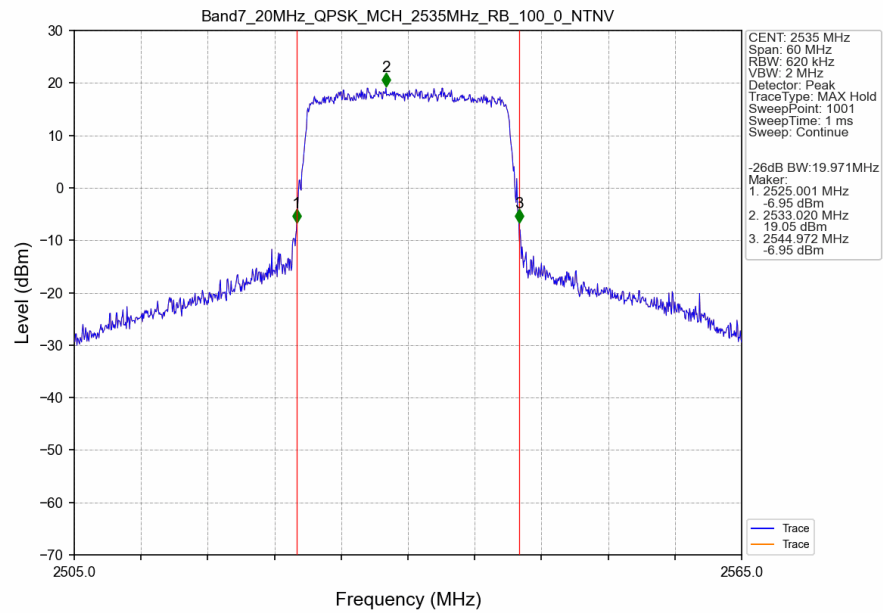
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTV



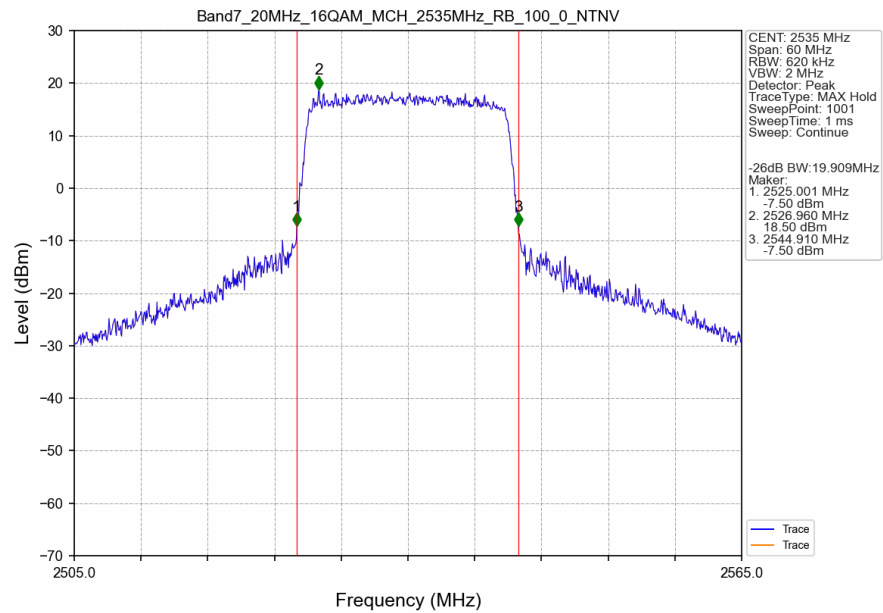
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTV



Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

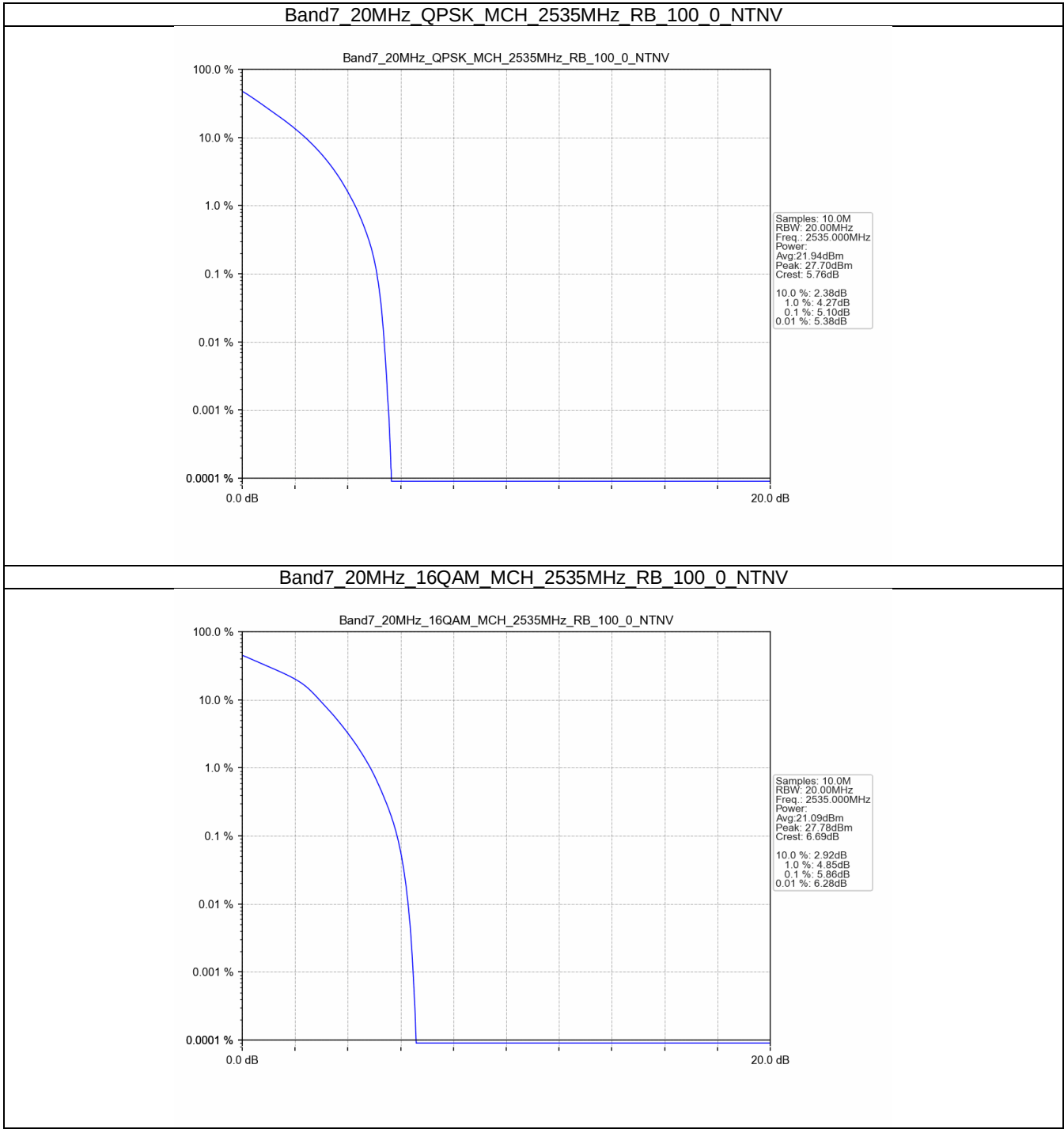
4.1 Test Result

4.1.1 B7_20MHz

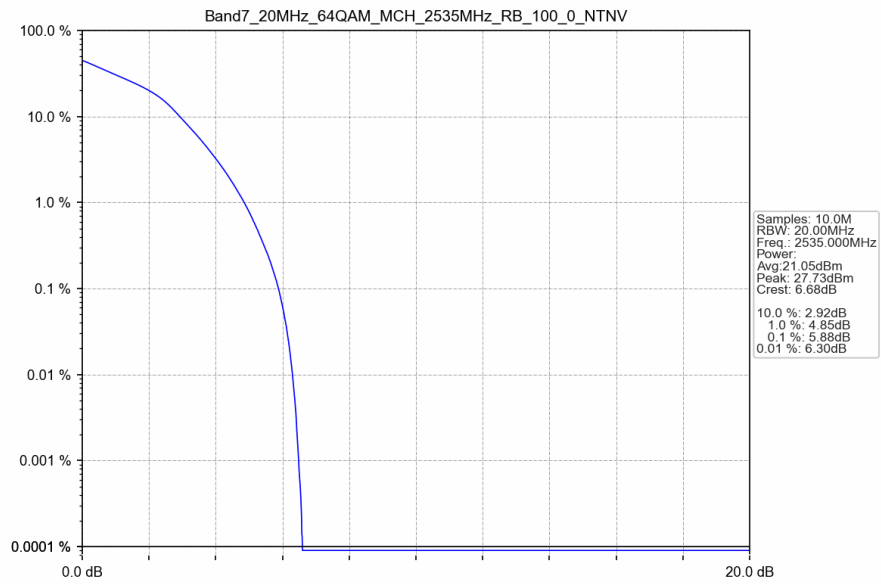
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.10	<=13	Pass
16QAM	2535	100	0	5.86	<=13	Pass
64QAM	2535	100	0	5.88	<=13	Pass
256QAM	2535	100	0	6.57	<=13	Pass

4.2 Test Graph

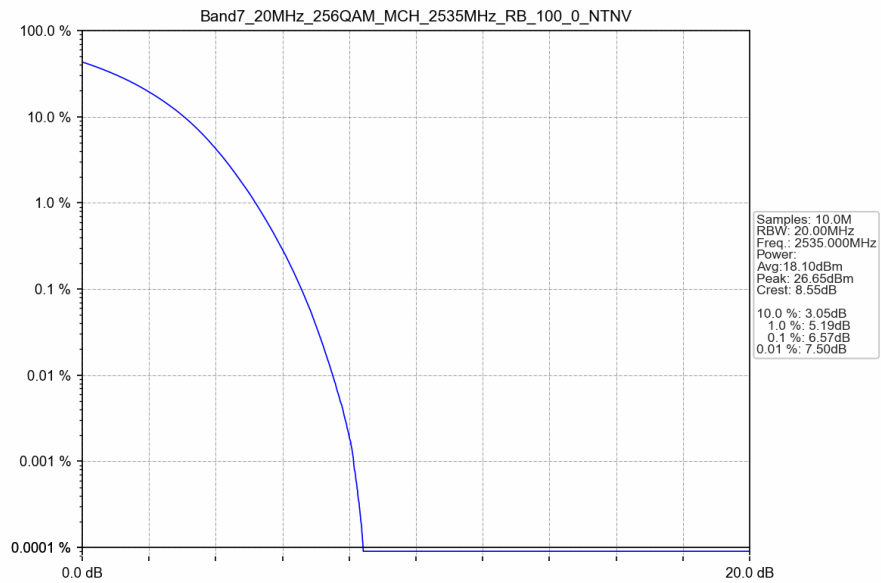
4.2.1 B7_20MHz



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



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



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

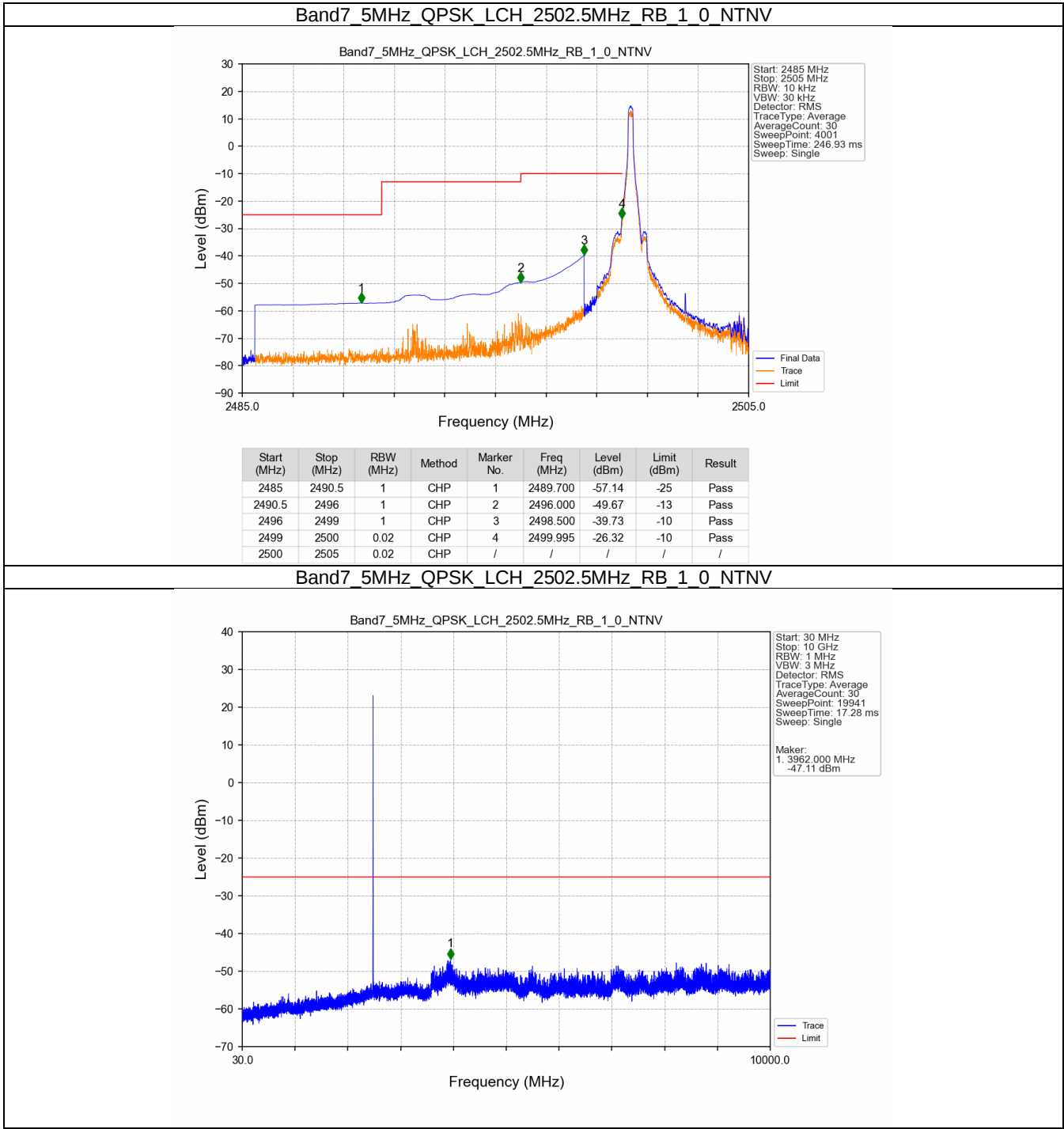
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

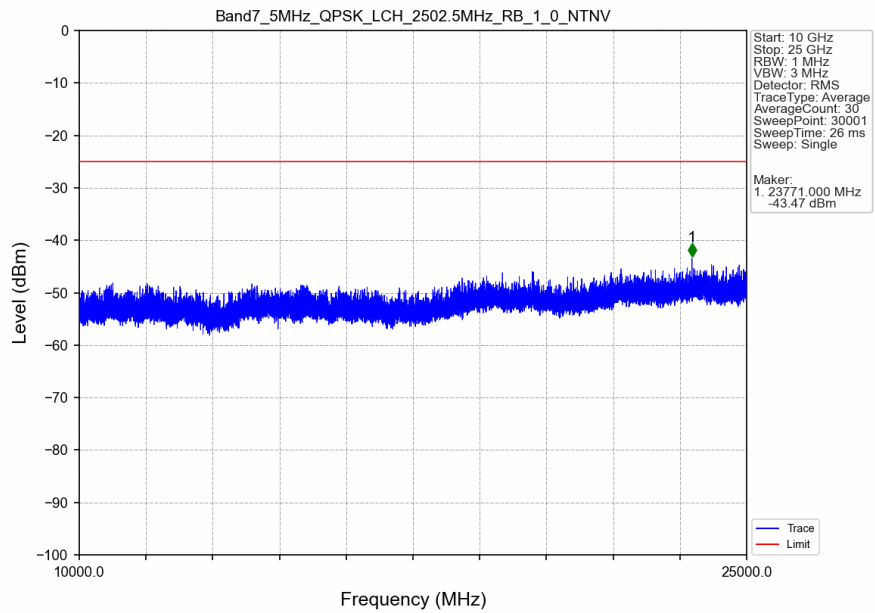
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

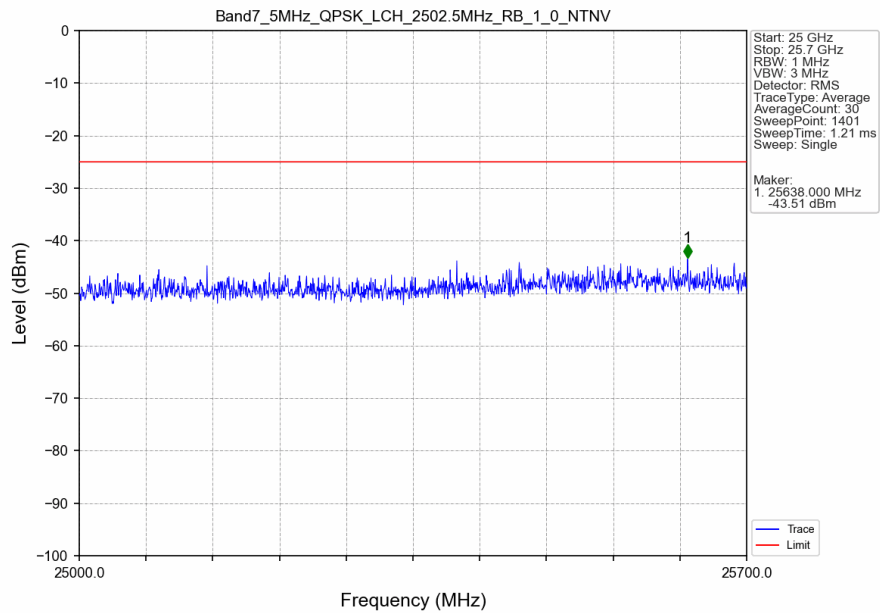
5.2.1 B7_5MHz



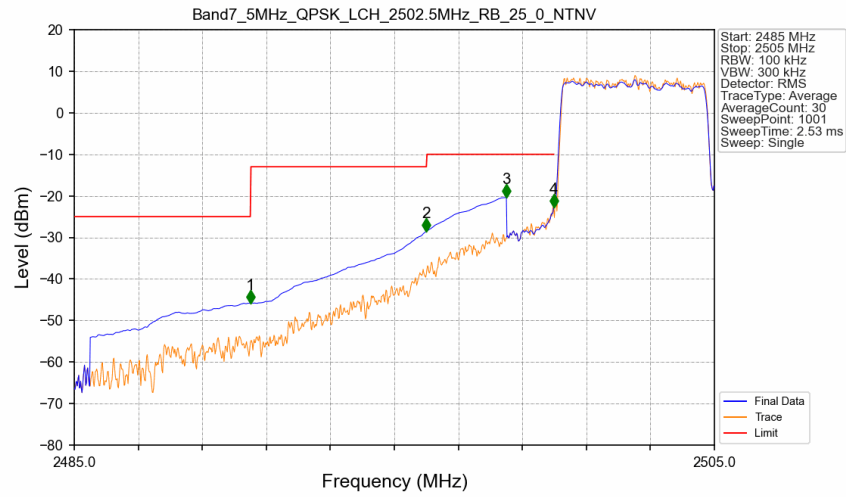
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

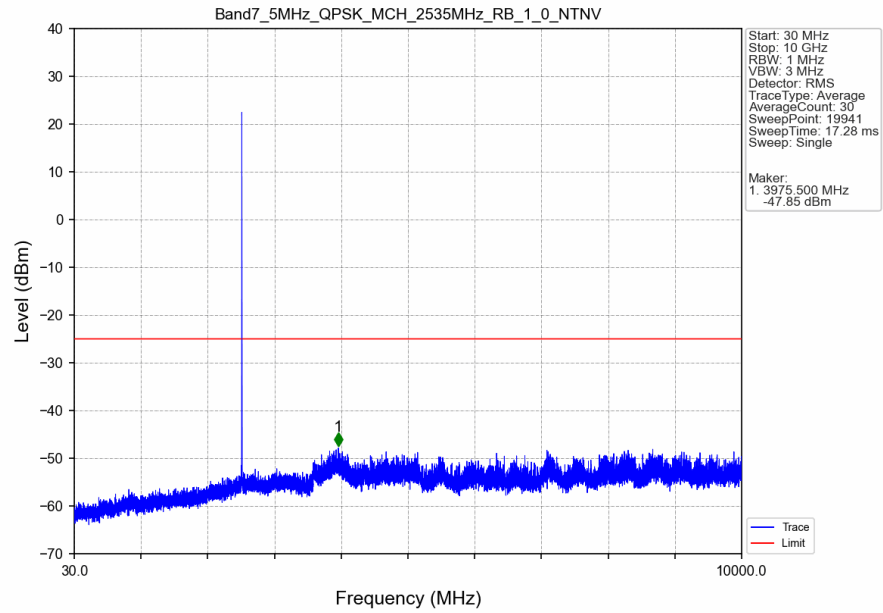


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTV

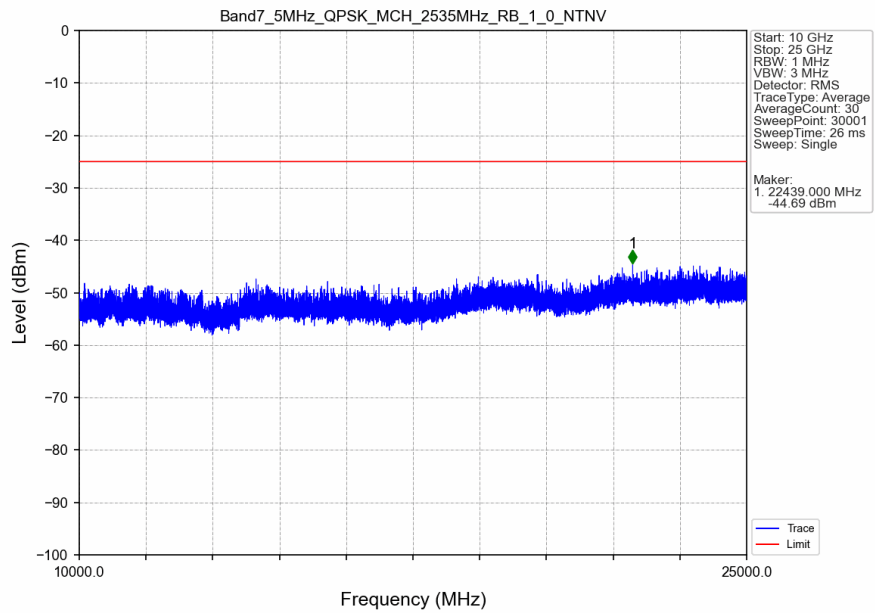


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-45.80	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-28.56	-13	Pass
2496	2499	1	CHP	3	2498.500	-20.31	-10	Pass
2499	2500	0.105	CHP	4	2499.980	-22.69	-10	Pass
2500	2505	0.105	CHP	/	/	/	/	/

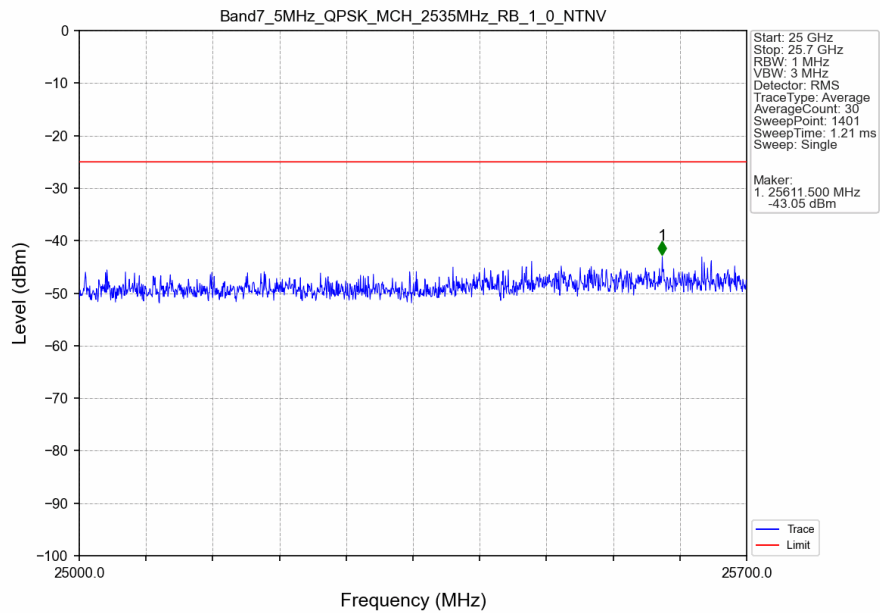
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



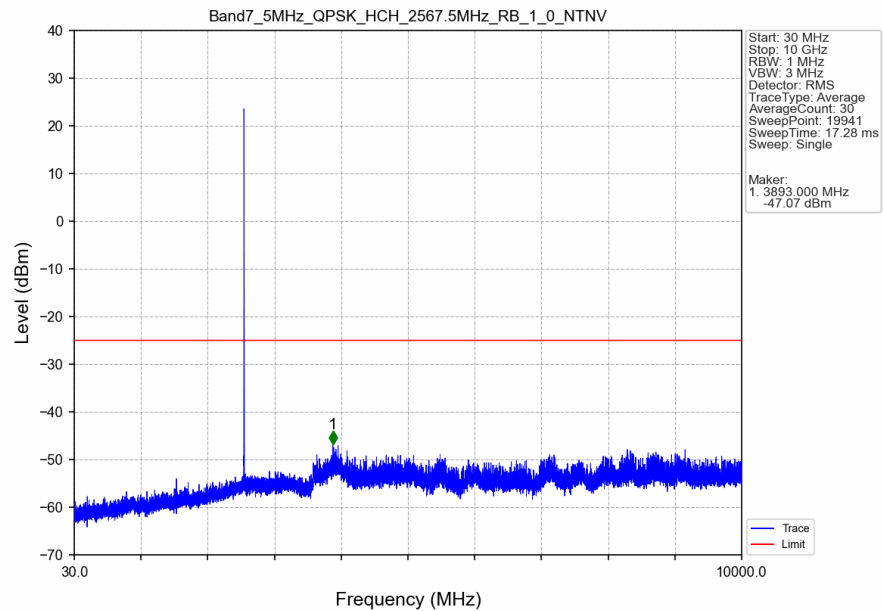
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



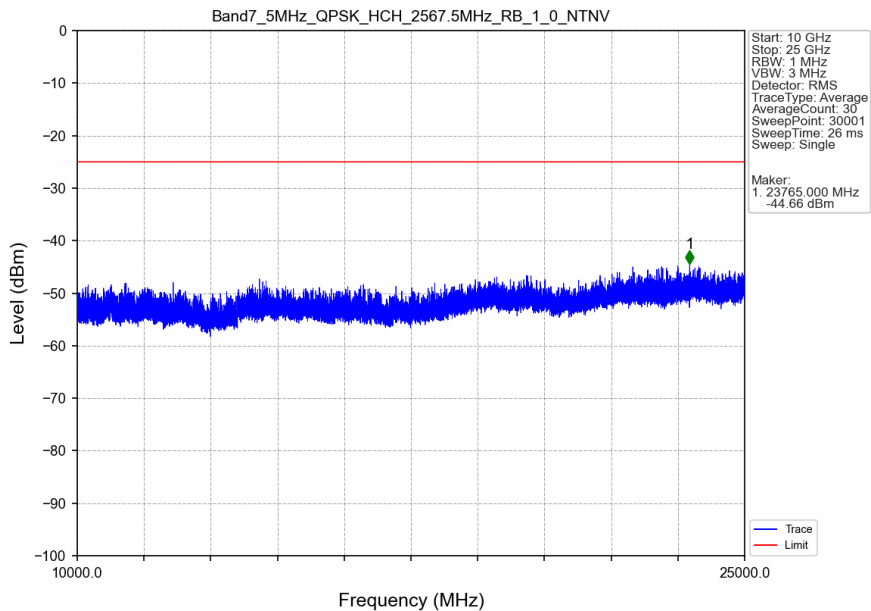
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



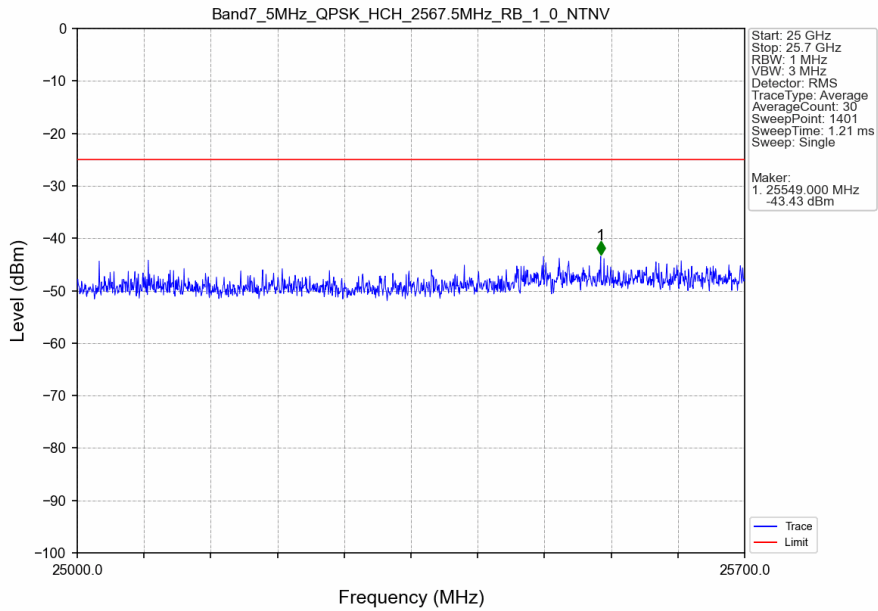
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



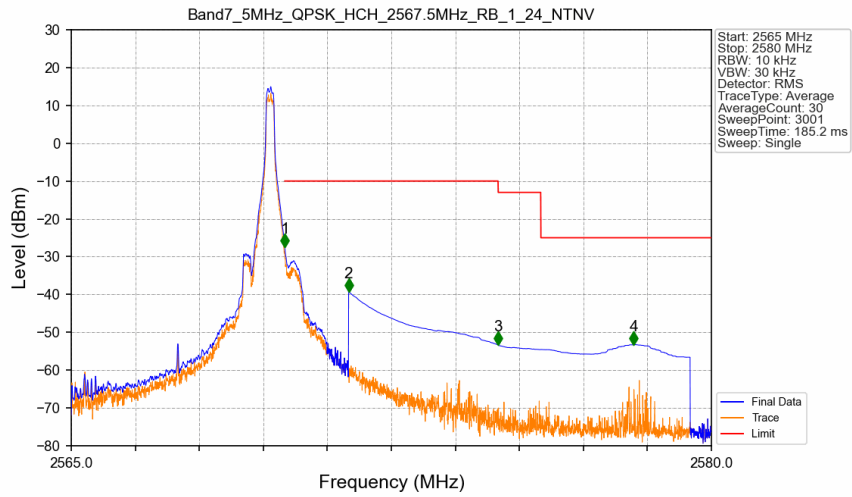
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

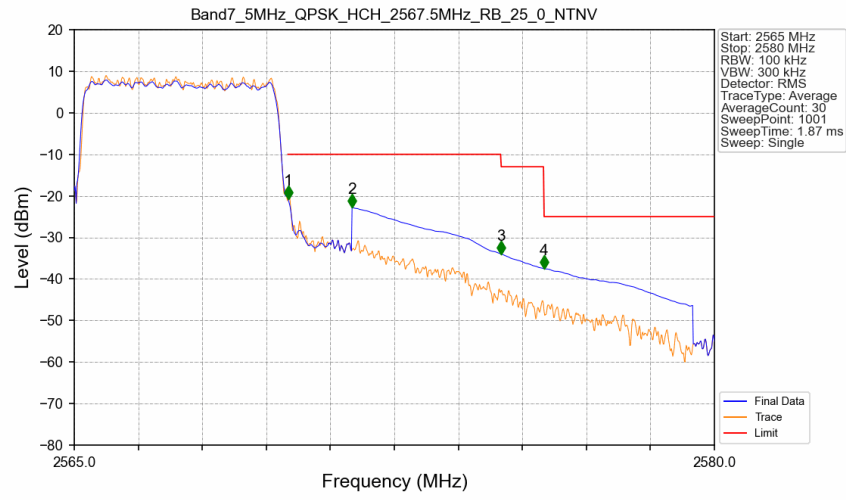


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24 NTN



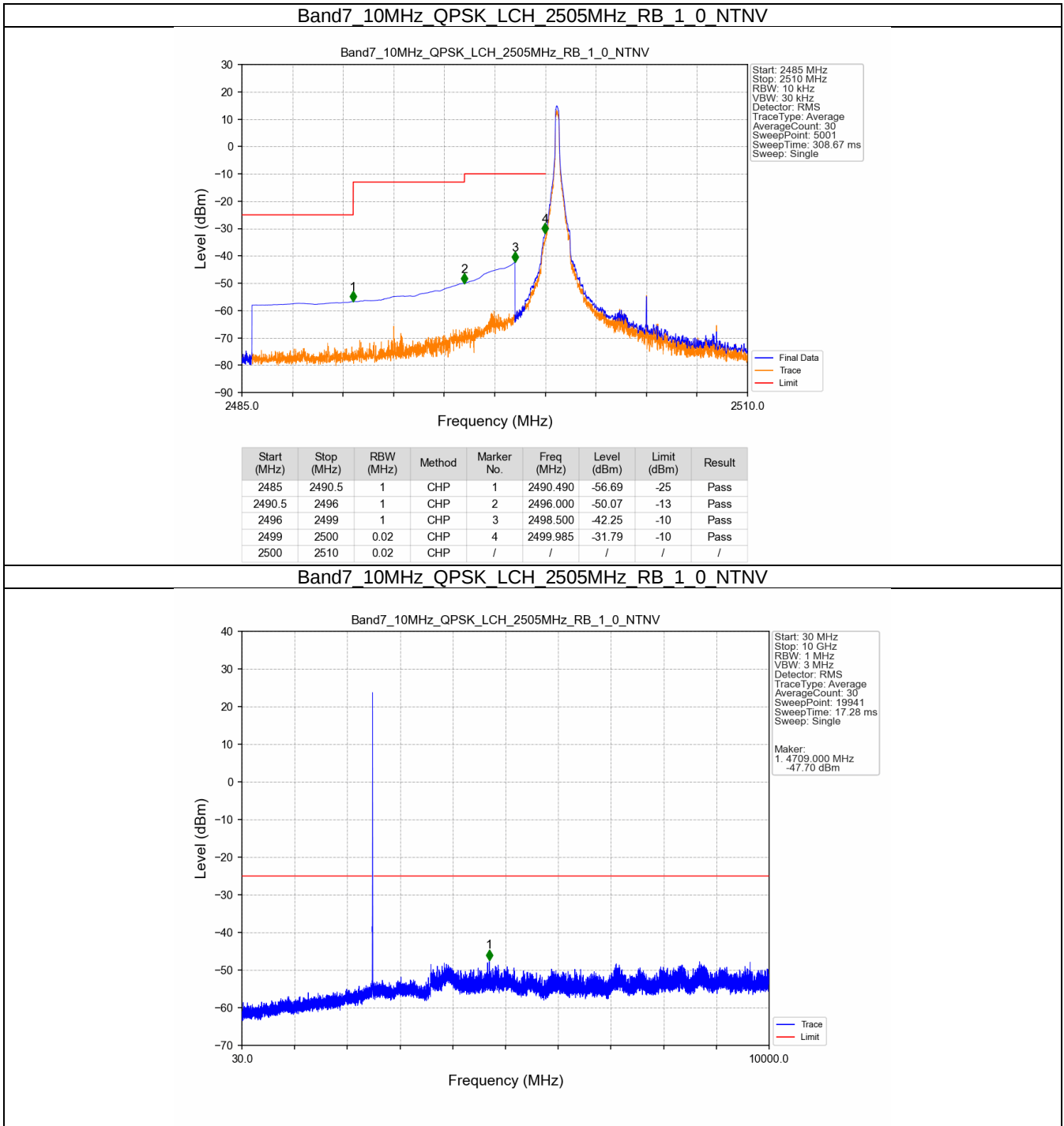
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-27.53	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.25	-10	Pass
2575	2576	1	CHP	3	2575.005	-53.33	-13	Pass
2576	2580	1	CHP	4	2578.175	-53.26	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

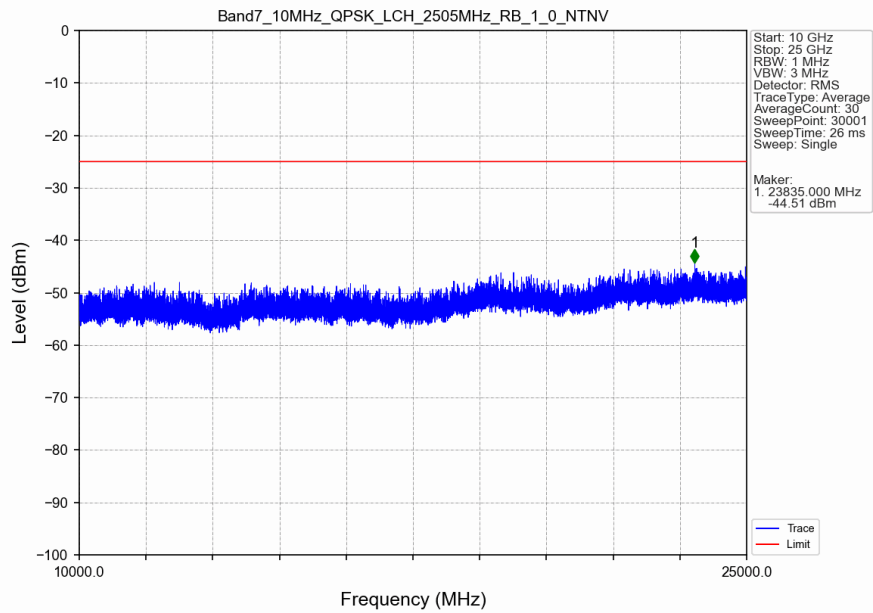


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.105	CHP	/	/	/	/	/
2570	2571	0.105	CHP	1	2570.010	-20.73	-10	Pass
2571	2575	1	CHP	2	2571.510	-22.80	-10	Pass
2575	2576	1	CHP	3	2575.005	-34.00	-13	Pass
2576	2580	1	CHP	4	2576.010	-37.53	-25	Pass

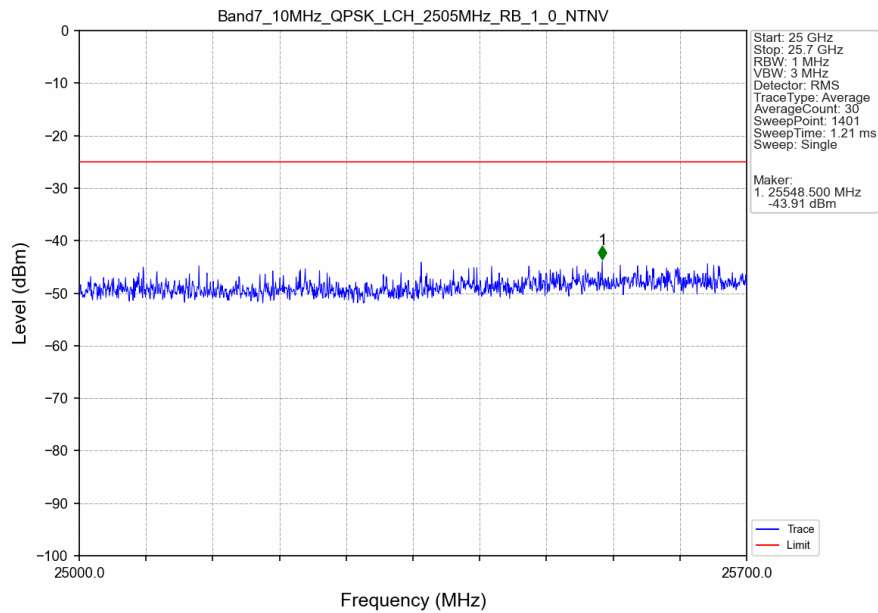
5.2.2 B7_10MHz



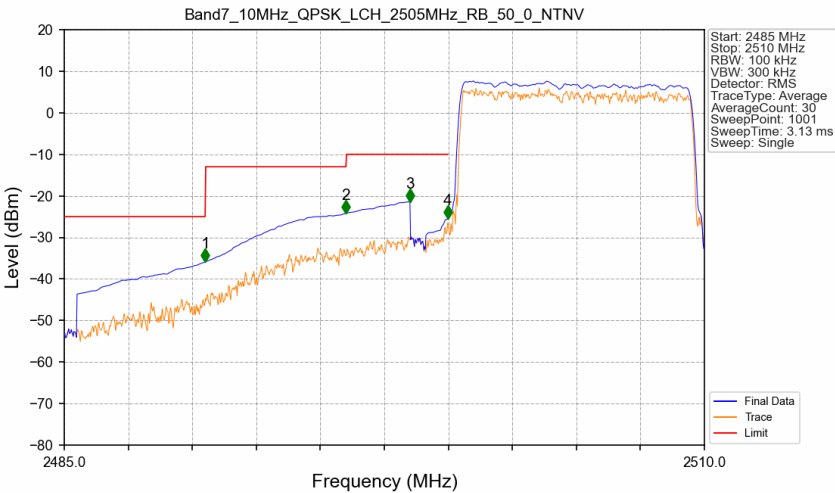
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

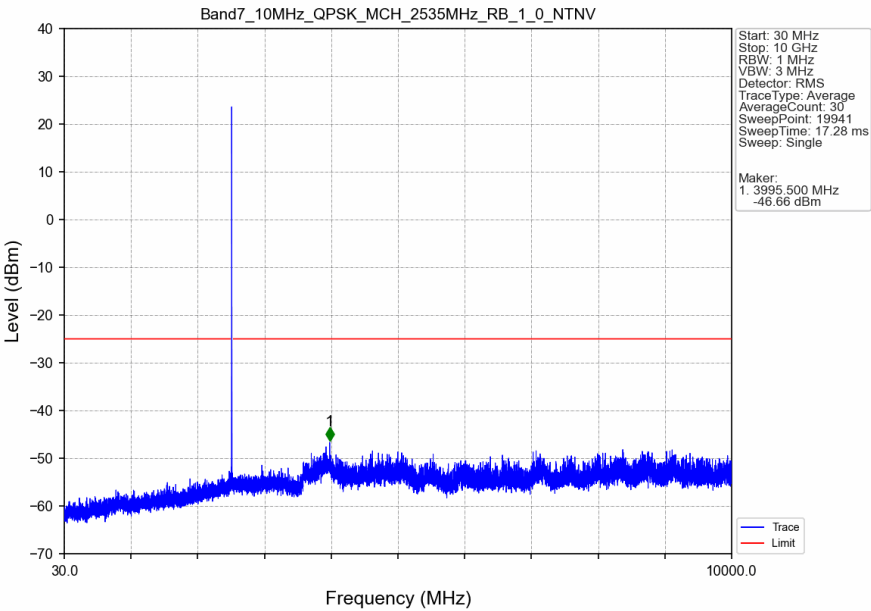


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

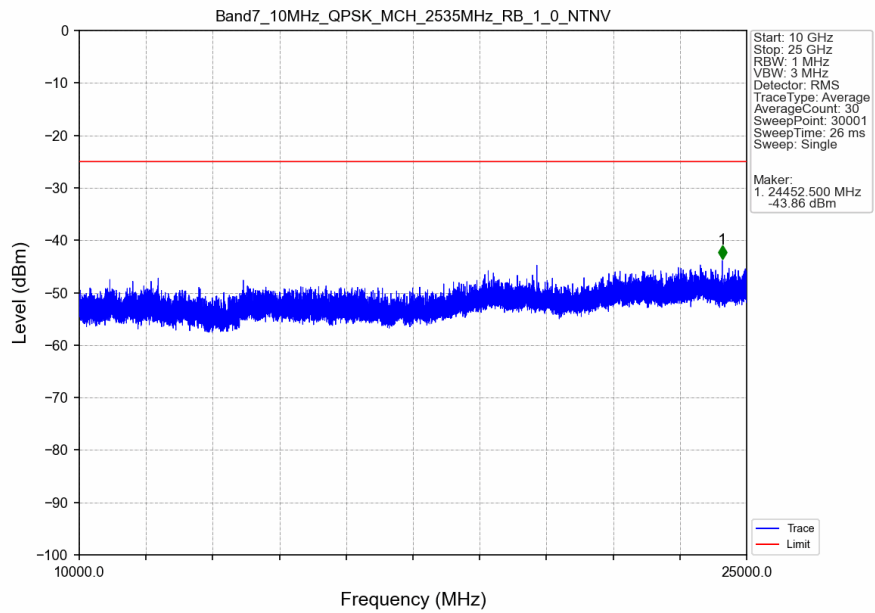


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-35.92	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-24.22	-13	Pass
2496	2499	1	CHP	3	2498.500	-21.41	-10	Pass
2499	2500	0.203	CHP	4	2499.975	-25.53	-10	Pass
2500	2510	0.203	CHP	/	/	/	/	/

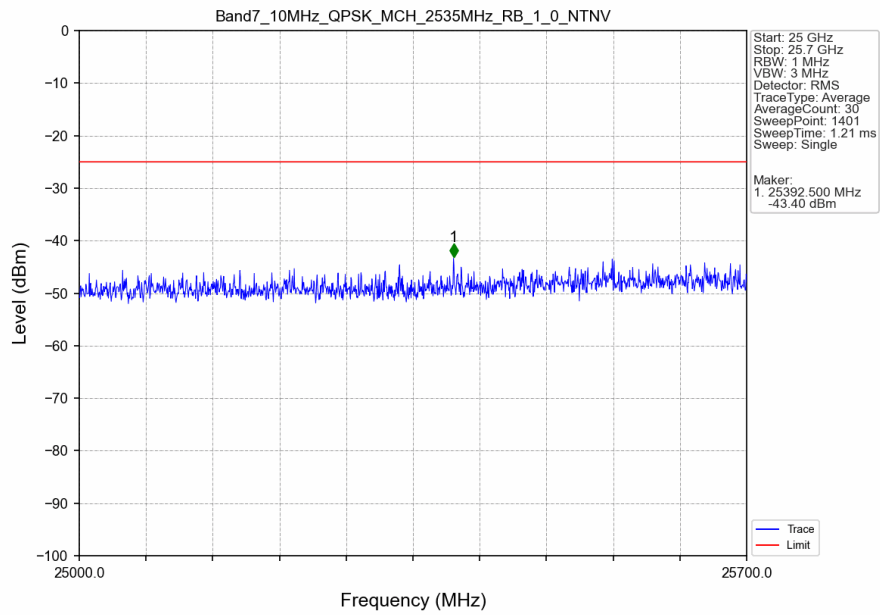
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



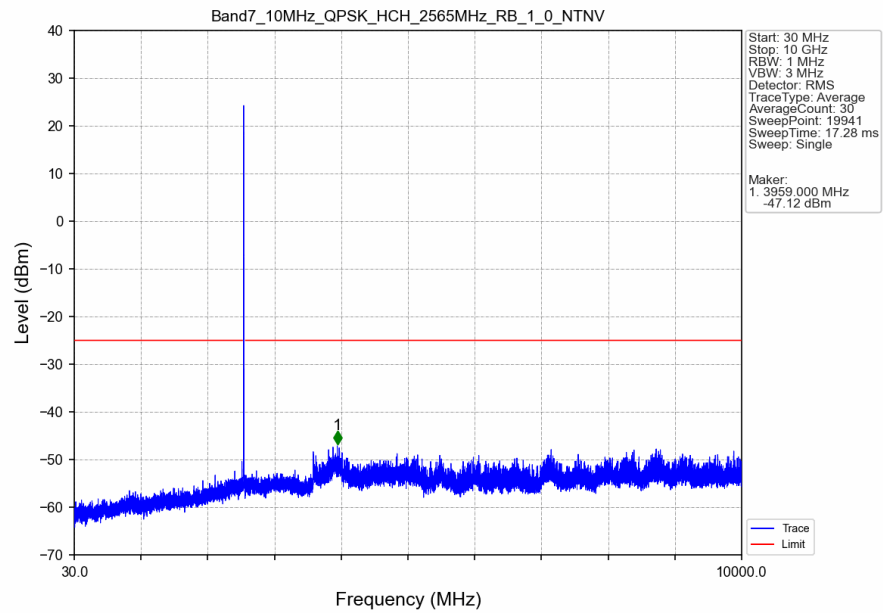
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



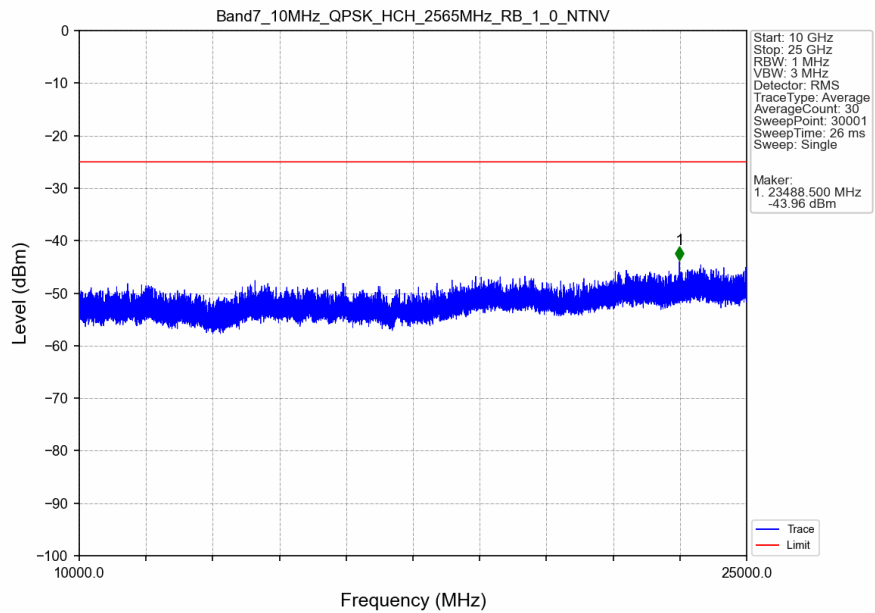
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



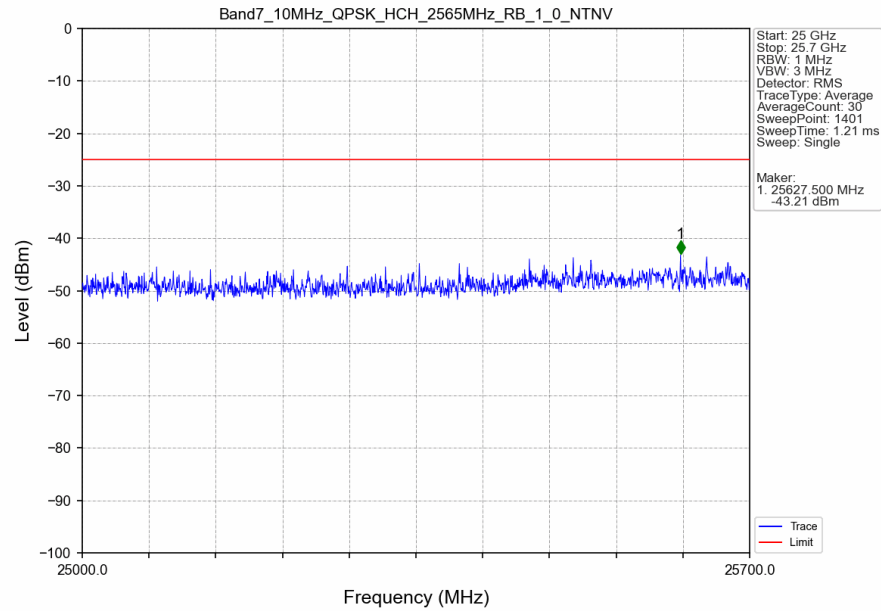
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



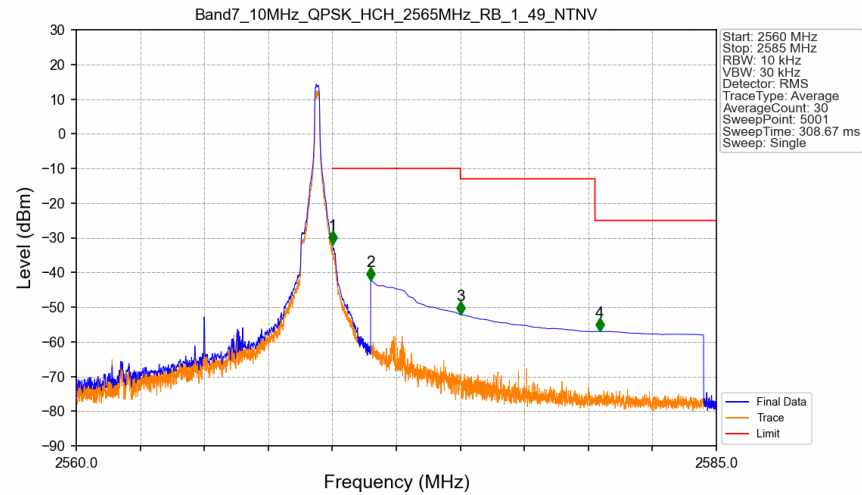
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

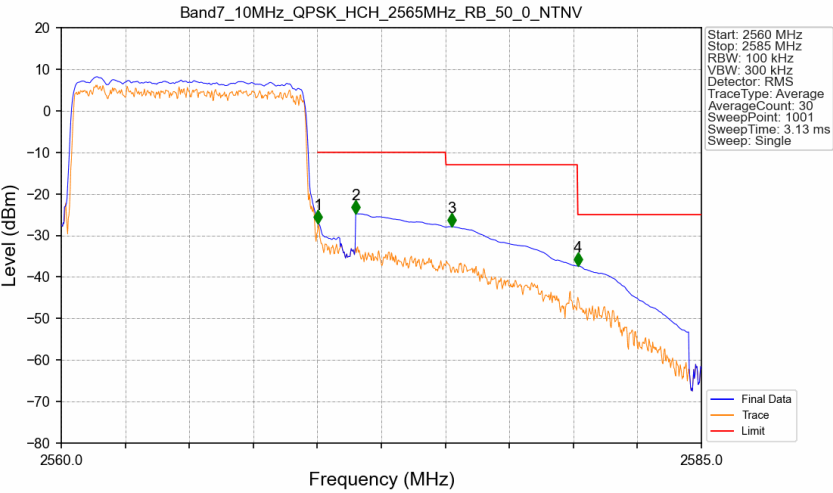


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



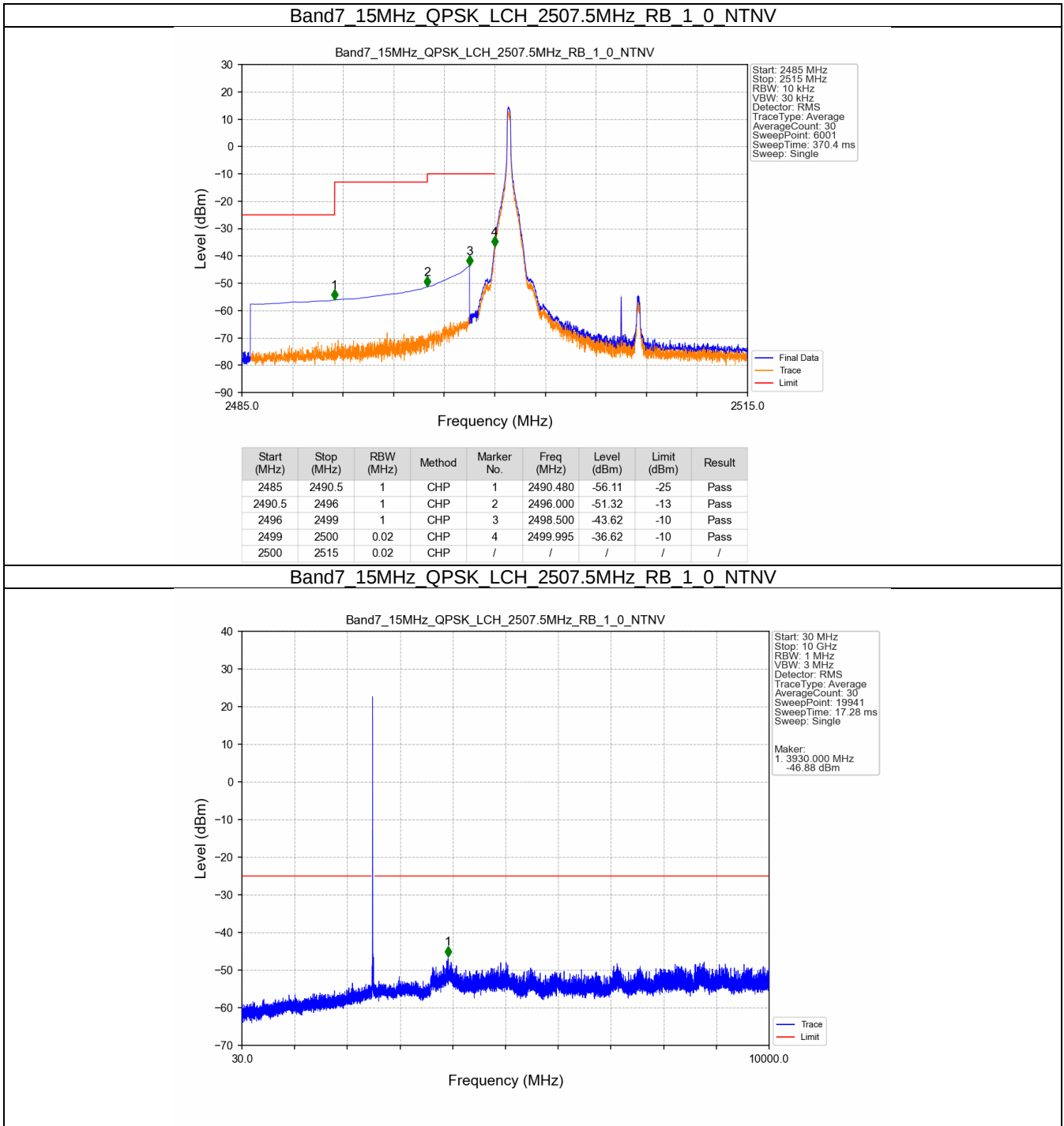
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-31.77	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.22	-10	Pass
2575	2580.255	1	CHP	3	2575.005	-52.20	-13	Pass
2580.255	2585	1	CHP	4	2580.450	-56.99	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTV

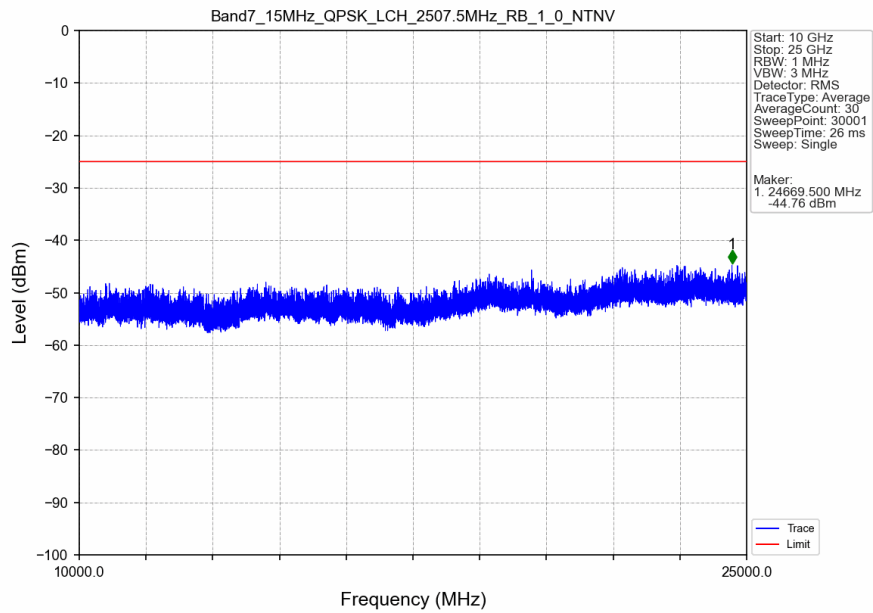


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.203	CHP	/	/	/	/	/
2570	2571	0.203	CHP	1	2570.025	-27.05	-10	Pass
2571	2575	1	CHP	2	2571.500	-24.77	-10	Pass
2575	2580.173	1	CHP	3	2575.250	-27.91	-13	Pass
2580.173	2585	1	CHP	4	2580.175	-37.37	-25	Pass

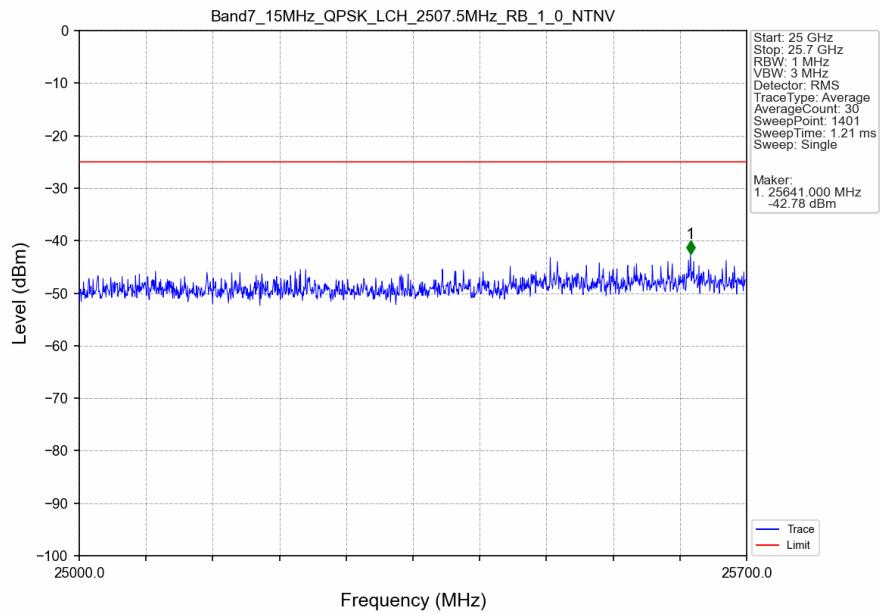
5.2.3 B7_15MHz



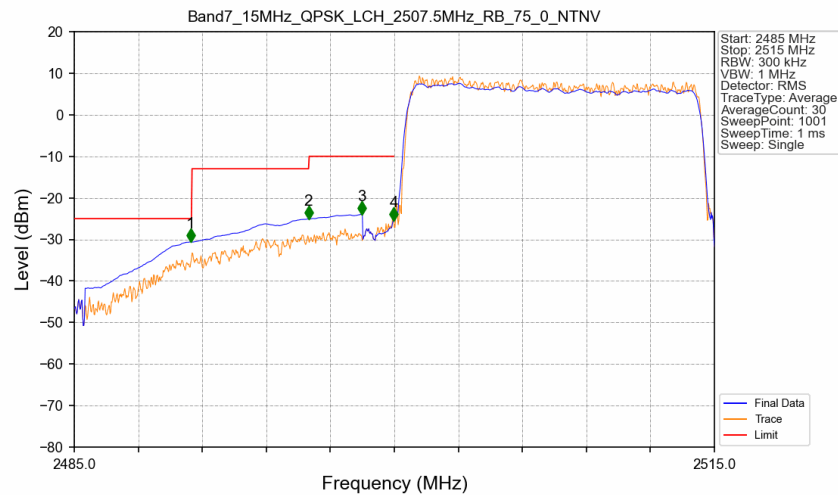
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTV

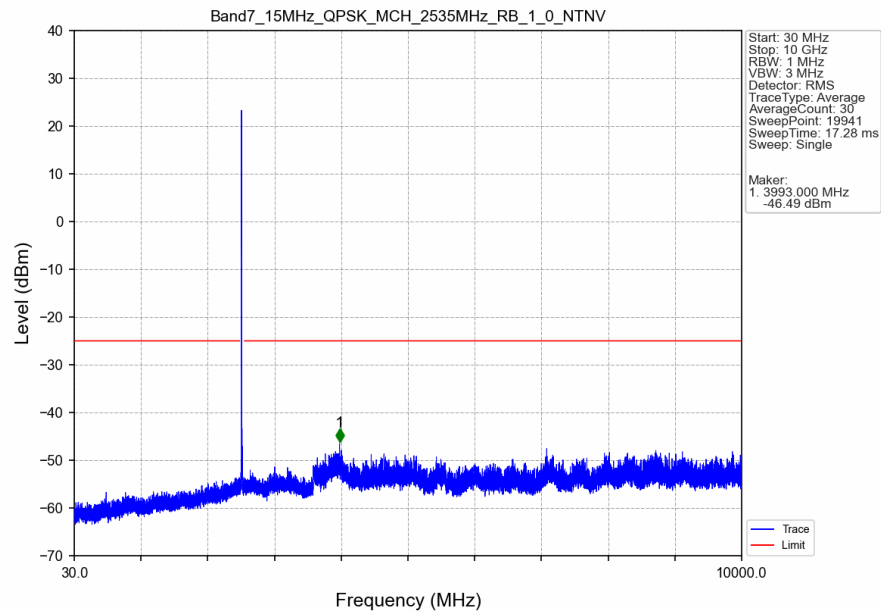


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

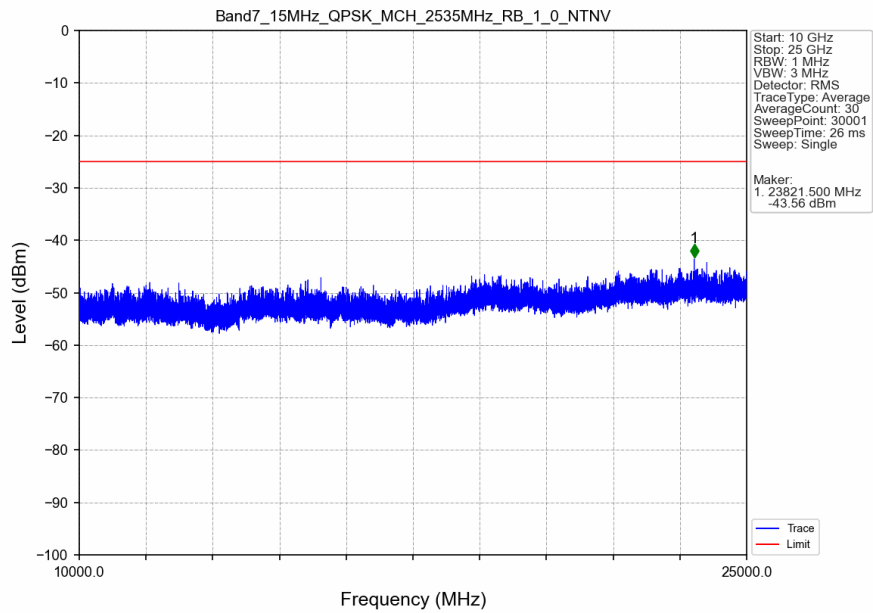


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-30.57	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-25.07	-13	Pass
2496	2499	1	CHP	3	2498.470	-23.97	-10	Pass
2499	2500	0.302	CHP	4	2499.970	-25.45	-10	Pass
2500	2515	0.302	CHP	/	/	/	/	/

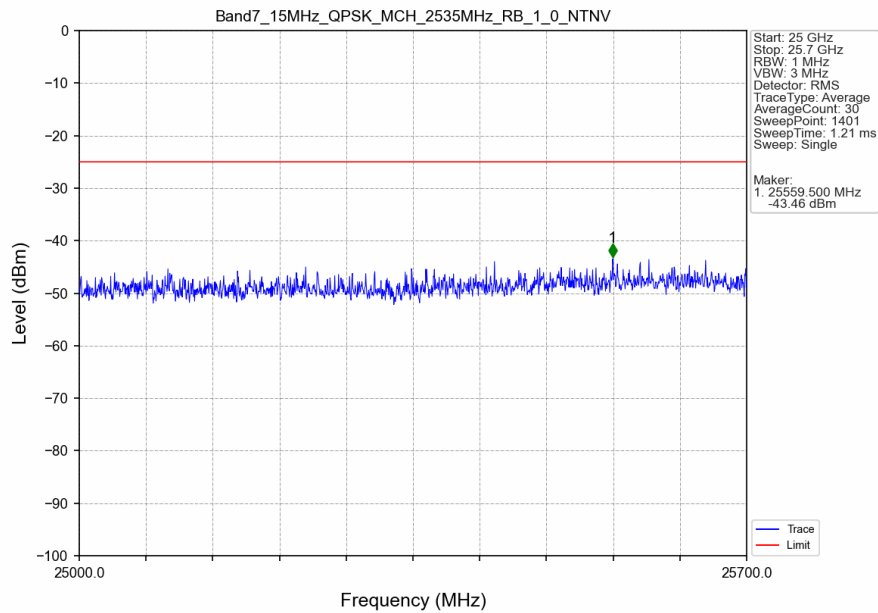
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



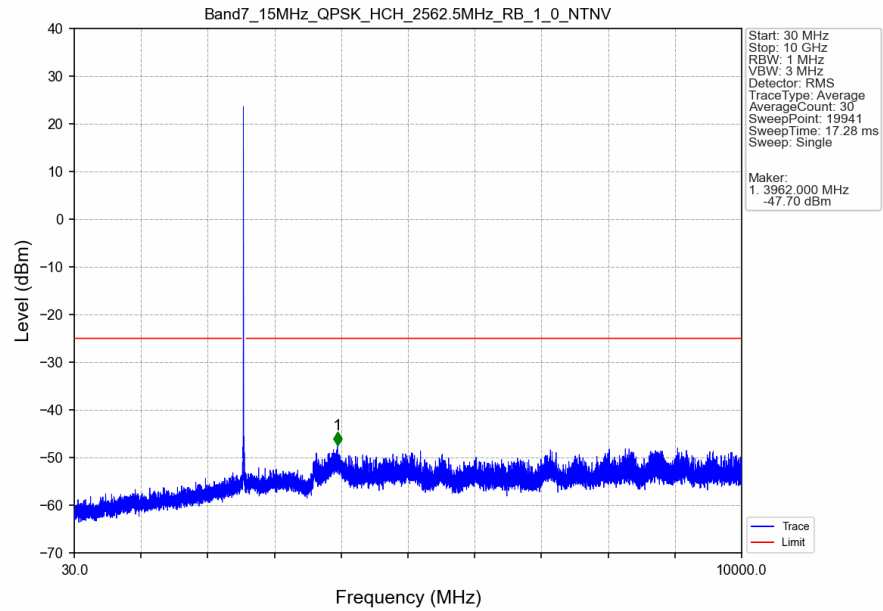
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



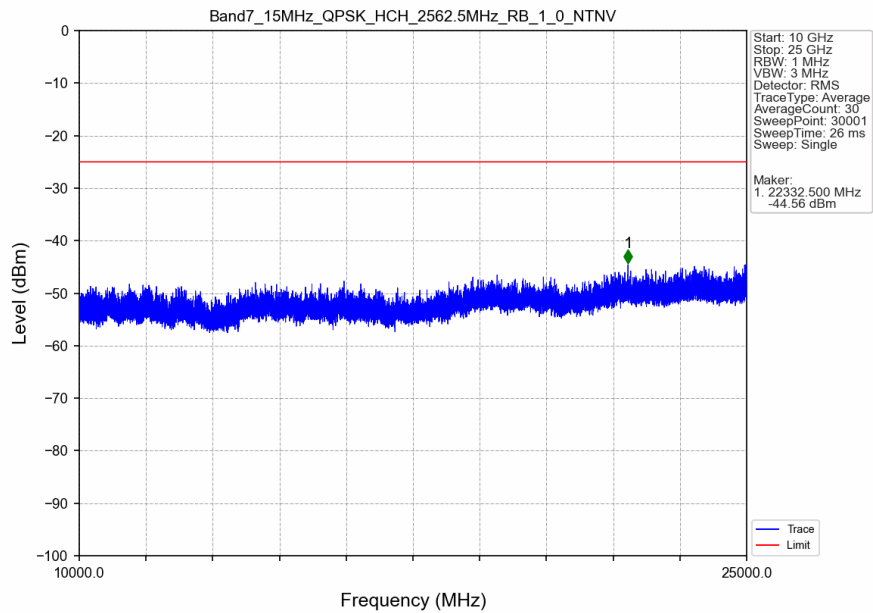
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



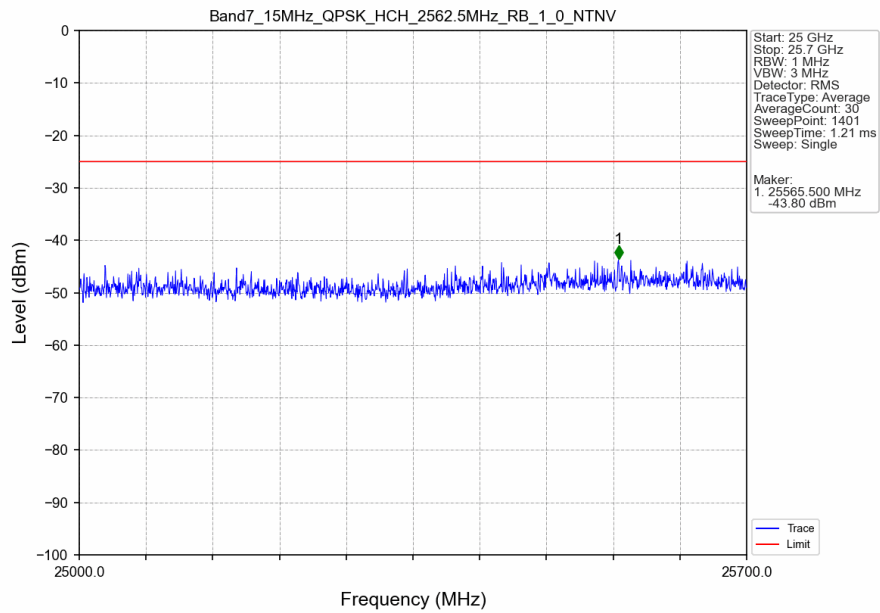
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



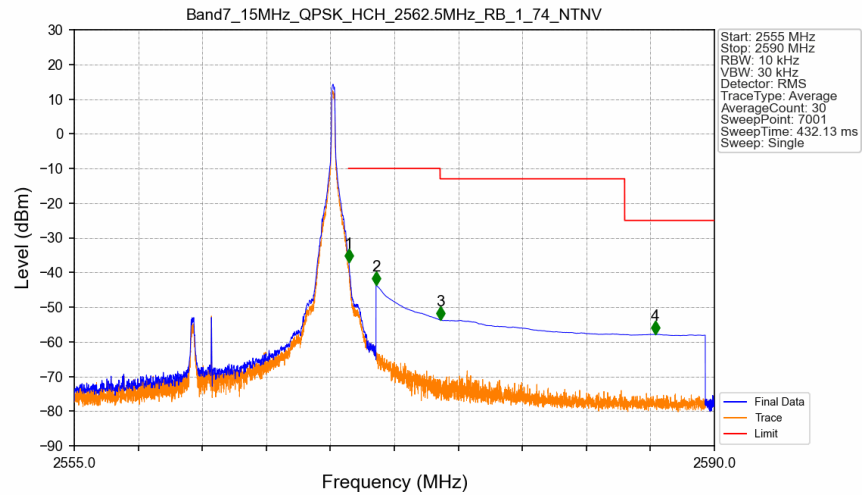
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

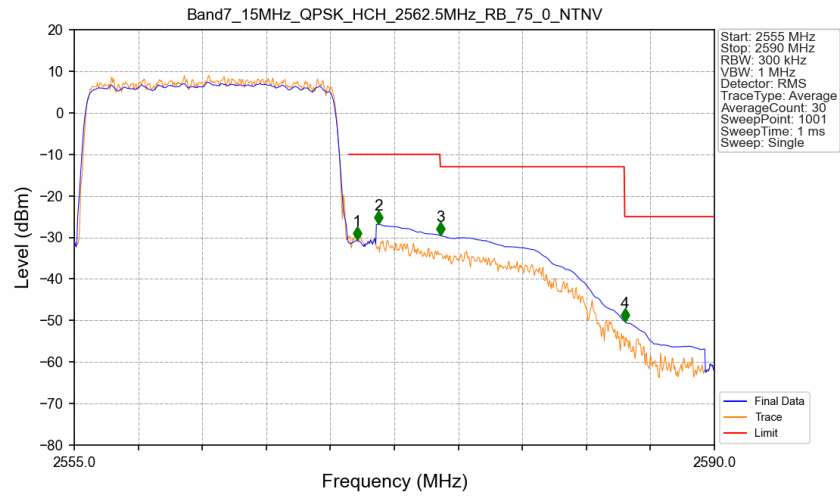


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



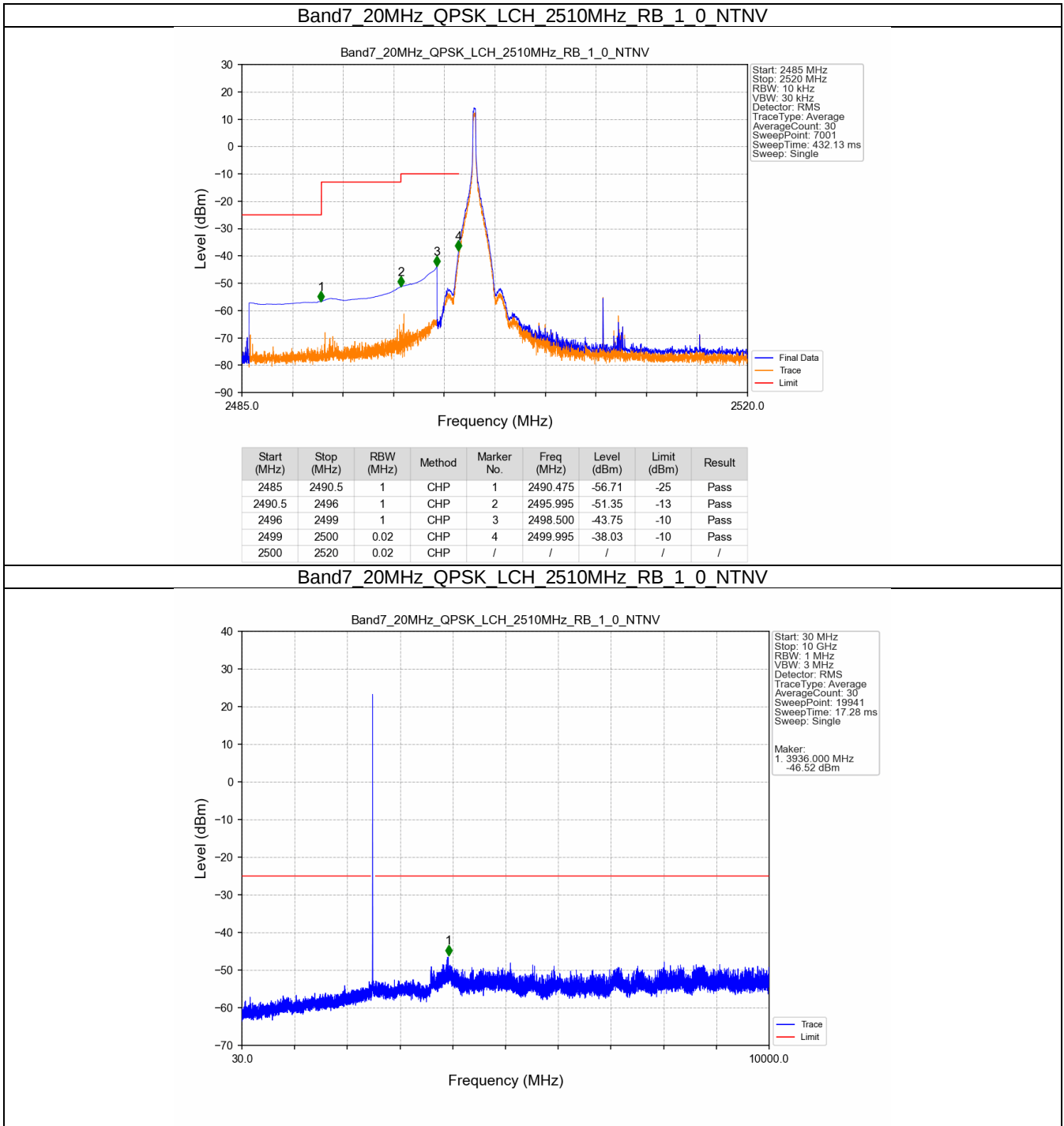
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.07	-10	Pass
2571	2575	1	CHP	2	2571.500	-43.62	-10	Pass
2575	2585.091	1	CHP	3	2575.005	-53.71	-13	Pass
2585.091	2590	1	CHP	4	2586.760	-57.87	-25	Pass

Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTV

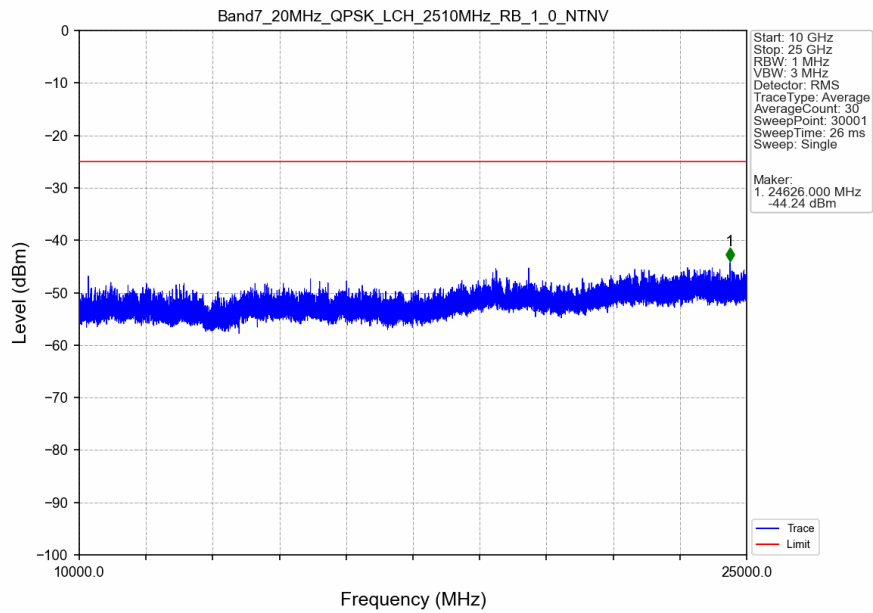


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.302	CHP	/	/	/	/	/
2570	2571	0.302	CHP	1	2570.470	-30.63	-10	Pass
2571	2575	1	CHP	2	2571.625	-26.84	-10	Pass
2575	2585.091	1	CHP	3	2575.020	-29.54	-13	Pass
2585.091	2590	1	CHP	4	2585.100	-50.29	-25	Pass

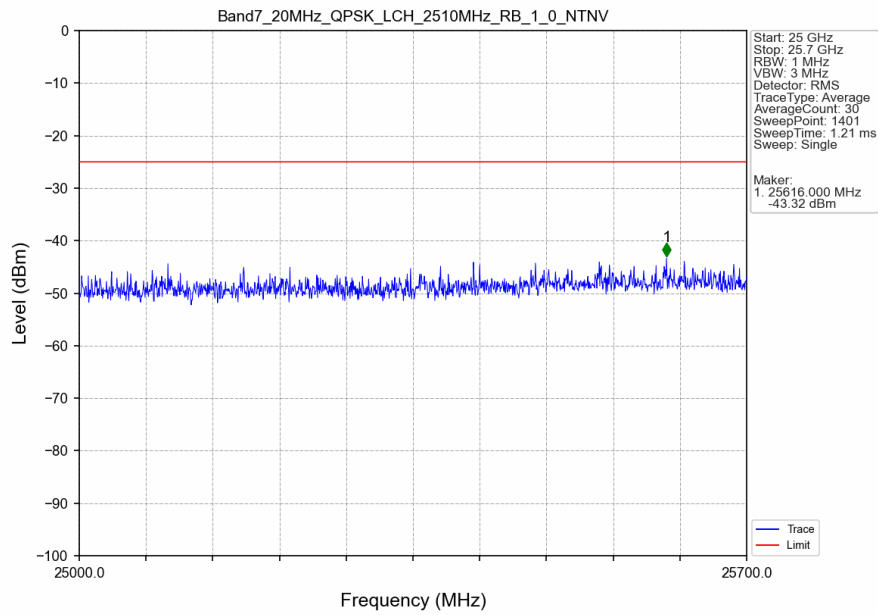
5.2.4 B7_20MHz



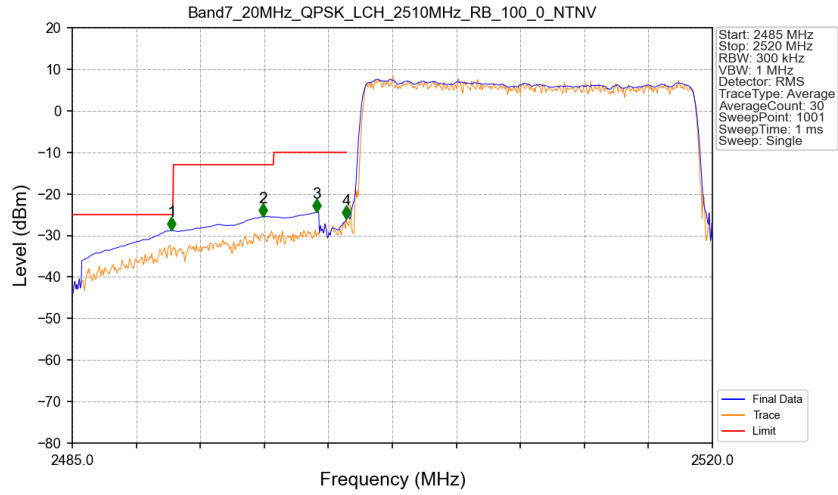
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

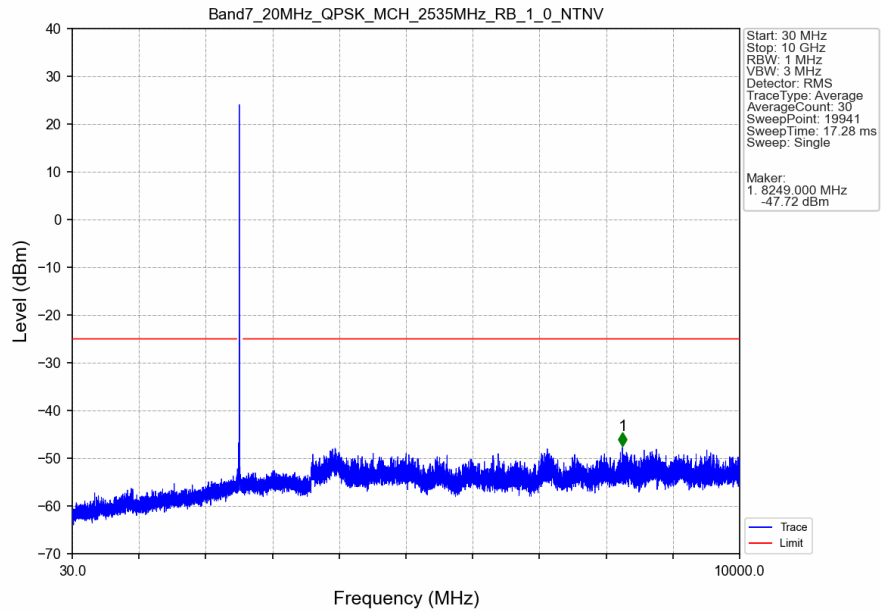


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

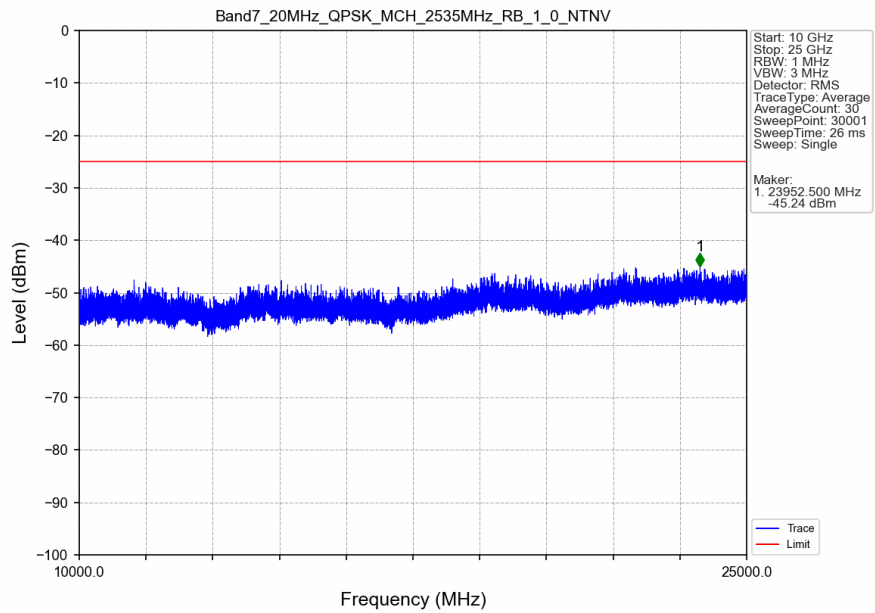


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.425	-28.83	-25	Pass
2490.5	2496	1	CHP	2	2495.430	-25.41	-13	Pass
2496	2499	1	CHP	3	2498.370	-24.33	-10	Pass
2499	2500	0.399	CHP	4	2499.980	-25.96	-10	Pass
2500	2520	0.399	CHP	/	/	/	/	/

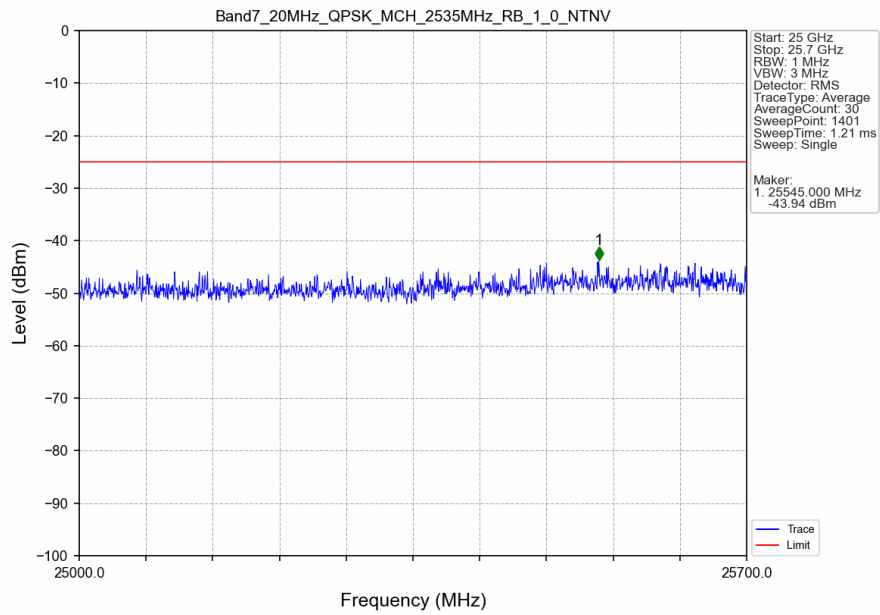
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



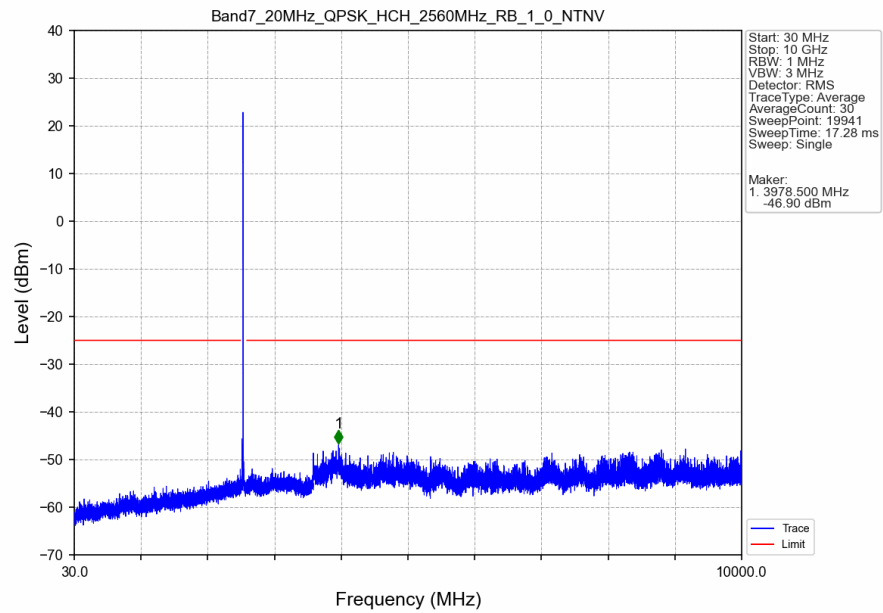
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTN



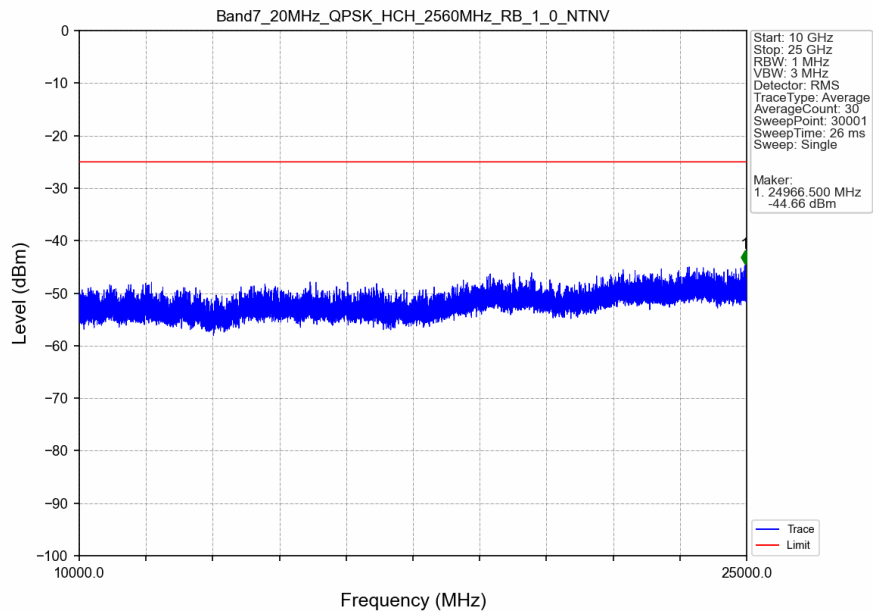
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTN



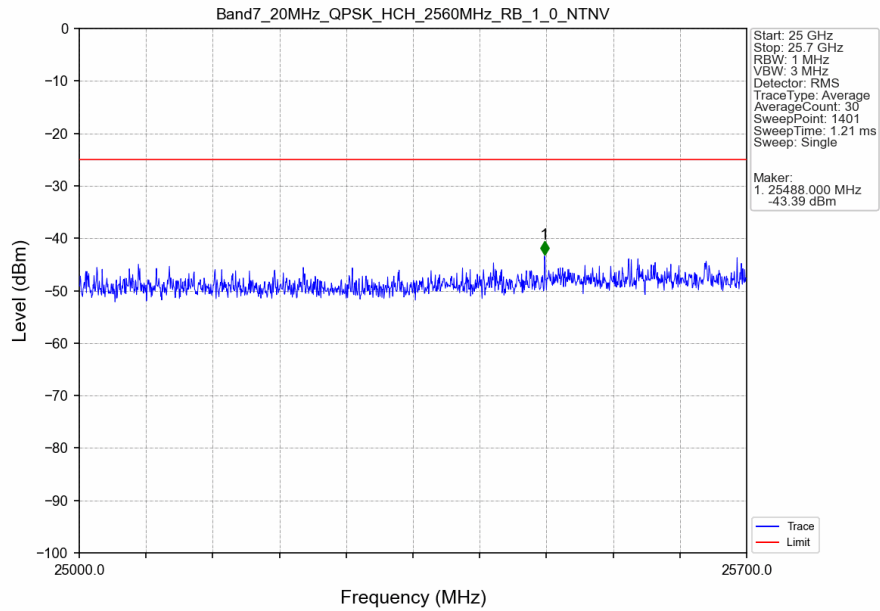
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



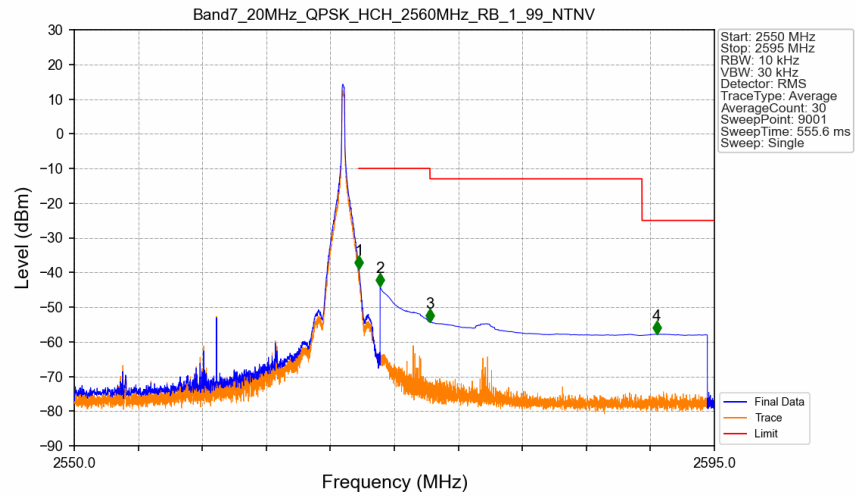
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN

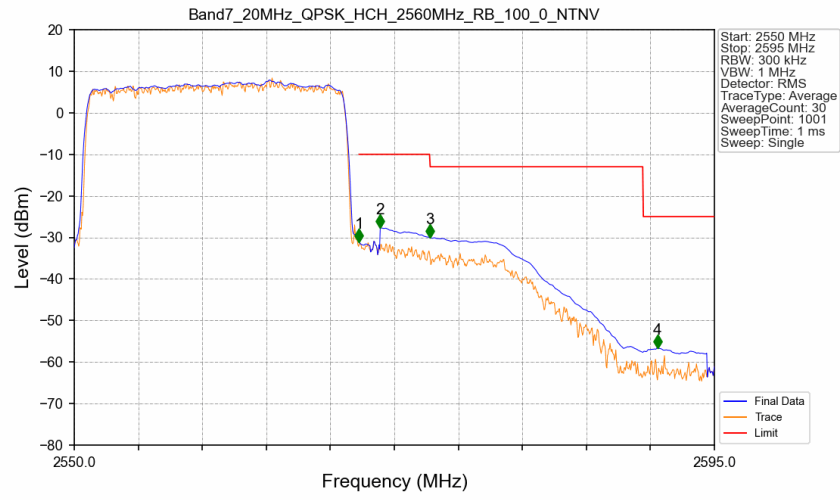


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTN



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	-38.91	-10	Pass
2571	2575	1	CHP	2	2571.500	-44.08	-10	Pass
2575	2589.909	1	CHP	3	2575.020	-54.22	-13	Pass
2589.909	2595	1	CHP	4	2590.940	-57.77	-25	Pass

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.399	CHP	/	/	/	/	/
2570	2571	0.399	CHP	1	2570.025	-31.06	-10	Pass
2571	2575	1	CHP	2	2571.510	-27.64	-10	Pass
2575	2589.971	1	CHP	3	2575.020	-30.09	-13	Pass
2589.971	2595	1	CHP	4	2590.995	-56.62	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 7 ANT41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.53	-25	-37.53	-68.1	4.57	10.14	Horizontal	Pass
7503.0	-60.19	-25	-35.19	-66.99	4.94	11.74	Horizontal	Pass
10004.0	-57.29	-25	-32.29	-64.86	5.46	13.03	Horizontal	Pass
5002.0	-62.52	-25	-37.52	-68.09	4.57	10.14	Vertical	Pass
7503.0	-60.51	-25	-35.51	-67.31	4.94	11.74	Vertical	Pass
10004.0	-57.28	-25	-32.28	-64.85	5.46	13.03	Vertical	Pass

LTE Band 7 ANT41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-62.84	-25	-37.84	-68.42	4.59	10.17	Horizontal	Pass
7578.0	-59.8	-25	-34.8	-66.68	4.95	11.83	Horizontal	Pass
10104.0	-56.9	-25	-31.9	-64.47	5.48	13.05	Horizontal	Pass
5052.0	-62.46	-25	-37.46	-68.04	4.59	10.17	Vertical	Pass
7578.0	-60.07	-25	-35.07	-66.95	4.95	11.83	Vertical	Pass
10104.0	-56.87	-25	-31.87	-64.44	5.48	13.05	Vertical	Pass

LTE Band 7 ANT41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.32	-25	-38.32	-68.92	4.6	10.2	Horizontal	Pass
7653.0	-59.87	-25	-34.87	-66.84	4.95	11.92	Horizontal	Pass
10204.0	-56.57	-25	-31.57	-64.15	5.49	13.07	Horizontal	Pass
5102.0	-62.93	-25	-37.93	-68.53	4.6	10.2	Vertical	Pass
7653.0	-60.06	-25	-35.06	-67.03	4.95	11.92	Vertical	Pass
10204.0	-57.12	-25	-32.12	-64.7	5.49	13.07	Vertical	Pass