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	22.72	1.30	24.02	<=33.01	Pass
			24	22.66	1.30	23.96	<=33.01	Pass
		25	0	21.76	1.30	23.06	<=33.01	Pass
	2535	1	0	22.68	1.30	23.98	<=33.01	Pass
			24	22.67	1.30	23.97	<=33.01	Pass
		25	0	21.70	1.30	23.00	<=33.01	Pass
	2567.5	1	0	22.62	1.30	23.92	<=33.01	Pass
			24	22.28	1.30	23.58	<=33.01	Pass
		25	0	21.77	1.30	23.07	<=33.01	Pass
16QAM	2502.5	1	0	21.73	1.30	23.03	<=33.01	Pass
			24	21.89	1.30	23.19	<=33.01	Pass
		25	0	20.71	1.30	22.01	<=33.01	Pass
	2535	1	0	21.90	1.30	23.20	<=33.01	Pass
			24	21.93	1.30	23.23	<=33.01	Pass
		25	0	20.69	1.30	21.99	<=33.01	Pass
	2567.5	1	0	21.77	1.30	23.07	<=33.01	Pass
			24	21.87	1.30	23.17	<=33.01	Pass
		25	0	20.73	1.30	22.03	<=33.01	Pass
64QAM	2502.5	1	0	20.82	1.30	22.12	<=33.01	Pass
			24	20.84	1.30	22.14	<=33.01	Pass
		25	0	19.78	1.30	21.08	<=33.01	Pass
	2535	1	0	20.77	1.30	22.07	<=33.01	Pass
			24	20.84	1.30	22.14	<=33.01	Pass
		25	0	19.68	1.30	20.98	<=33.01	Pass
	2567.5	1	0	20.74	1.30	22.04	<=33.01	Pass
			24	20.81	1.30	22.11	<=33.01	Pass
		25	0	19.82	1.30	21.12	<=33.01	Pass
256QAM	2502.5	1	0	17.77	1.30	19.07	<=33.01	Pass
			24	17.83	1.30	19.13	<=33.01	Pass
		25	0	17.80	1.30	19.10	<=33.01	Pass
	2535	1	0	17.91	1.30	19.21	<=33.01	Pass
			24	17.90	1.30	19.20	<=33.01	Pass
		25	0	17.68	1.30	18.98	<=33.01	Pass
	2567.5	1	0	17.91	1.30	19.21	<=33.01	Pass
			24	17.75	1.30	19.05	<=33.01	Pass
		25	0	17.76	1.30	19.06	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	22.82	1.30	24.12	<=33.01	Pass
			49	22.55	1.30	23.85	<=33.01	Pass
		50	0	21.79	1.30	23.09	<=33.01	Pass
	2535	1	0	22.78	1.30	24.08	<=33.01	Pass

			49	22.66	1.30	23.96	<=33.01	Pass
		50	0	21.75	1.30	23.05	<=33.01	Pass
	2565	1	0	22.76	1.30	24.06	<=33.01	Pass
			49	22.62	1.30	23.92	<=33.01	Pass
		50	0	21.77	1.30	23.07	<=33.01	Pass
16QAM	2505	1	0	21.53	1.30	22.83	<=33.01	Pass
			49	21.77	1.30	23.07	<=33.01	Pass
		50	0	20.75	1.30	22.05	<=33.01	Pass
	2535	1	0	21.95	1.30	23.25	<=33.01	Pass
			49	21.94	1.30	23.24	<=33.01	Pass
		50	0	20.71	1.30	22.01	<=33.01	Pass
	2565	1	0	21.55	1.30	22.85	<=33.01	Pass
			49	21.84	1.30	23.14	<=33.01	Pass
		50	0	20.78	1.30	22.08	<=33.01	Pass
64QAM	2505	1	0	20.73	1.30	22.03	<=33.01	Pass
			49	20.76	1.30	22.06	<=33.01	Pass
		50	0	19.81	1.30	21.11	<=33.01	Pass
	2535	1	0	20.73	1.30	22.03	<=33.01	Pass
			49	20.77	1.30	22.07	<=33.01	Pass
		50	0	19.76	1.30	21.06	<=33.01	Pass
	2565	1	0	20.72	1.30	22.02	<=33.01	Pass
			49	20.62	1.30	21.92	<=33.01	Pass
		50	0	19.84	1.30	21.14	<=33.01	Pass
256QAM	2505	1	0	17.79	1.30	19.09	<=33.01	Pass
			49	17.90	1.30	19.20	<=33.01	Pass
		50	0	17.73	1.30	19.03	<=33.01	Pass
	2535	1	0	17.59	1.30	18.89	<=33.01	Pass
			49	17.87	1.30	19.17	<=33.01	Pass
		50	0	17.71	1.30	19.01	<=33.01	Pass
	2565	1	0	17.61	1.30	18.91	<=33.01	Pass
			49	17.80	1.30	19.10	<=33.01	Pass
		50	0	17.81	1.30	19.11	<=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	22.57	1.30	23.87	<=33.01	Pass
			74	22.55	1.30	23.85	<=33.01	Pass
		75	0	21.76	1.30	23.06	<=33.01	Pass
	2535	1	0	22.67	1.30	23.97	<=33.01	Pass
			74	22.68	1.30	23.98	<=33.01	Pass
		75	0	21.75	1.30	23.05	<=33.01	Pass
	2562.5	1	0	22.75	1.30	24.05	<=33.01	Pass
			74	22.67	1.30	23.97	<=33.01	Pass
		75	0	21.79	1.30	23.09	<=33.01	Pass
16QAM	2507.5	1	0	21.91	1.30	23.21	<=33.01	Pass
			74	21.85	1.30	23.15	<=33.01	Pass
		75	0	20.79	1.30	22.09	<=33.01	Pass
	2535	1	0	21.84	1.30	23.14	<=33.01	Pass
			74	21.82	1.30	23.12	<=33.01	Pass
		75	0	20.73	1.30	22.03	<=33.01	Pass
	2562.5	1	0	21.97	1.30	23.27	<=33.01	Pass
			74	21.85	1.30	23.15	<=33.01	Pass
		75	0	20.34	1.30	21.64	<=33.01	Pass

64QAM	2507.5	1	0	20.52	1.30	21.82	<=33.01	Pass
			74	20.83	1.30	22.13	<=33.01	Pass
		75	0	19.69	1.30	20.99	<=33.01	Pass
	2535	1	0	20.96	1.30	22.26	<=33.01	Pass
			74	20.91	1.30	22.21	<=33.01	Pass
		75	0	19.67	1.30	20.97	<=33.01	Pass
	2562.5	1	0	21.01	1.30	22.31	<=33.01	Pass
			74	20.59	1.30	21.89	<=33.01	Pass
		75	0	19.81	1.30	21.11	<=33.01	Pass
256QAM	2507.5	1	0	17.80	1.30	19.10	<=33.01	Pass
			74	17.91	1.30	19.21	<=33.01	Pass
		75	0	17.83	1.30	19.13	<=33.01	Pass
	2535	1	0	17.78	1.30	19.08	<=33.01	Pass
			74	17.83	1.30	19.13	<=33.01	Pass
		75	0	17.74	1.30	19.04	<=33.01	Pass
	2562.5	1	0	17.83	1.30	19.13	<=33.01	Pass
			74	17.87	1.30	19.17	<=33.01	Pass
		75	0	17.83	1.30	19.13	<=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	22.80	1.30	24.10	<=33.01	Pass
			99	22.72	1.30	24.02	<=33.01	Pass
		100	0	21.77	1.30	23.07	<=33.01	Pass
	2535	1	0	22.78	1.30	24.08	<=33.01	Pass
			99	22.84	1.30	24.14	<=33.01	Pass
		100	0	21.77	1.30	23.07	<=33.01	Pass
	2560	1	0	22.82	1.30	24.12	<=33.01	Pass
			99	22.74	1.30	24.04	<=33.01	Pass
		100	0	21.83	1.30	23.13	<=33.01	Pass
16QAM	2510	1	0	21.91	1.30	23.21	<=33.01	Pass
			99	21.91	1.30	23.21	<=33.01	Pass
		100	0	20.75	1.30	22.05	<=33.01	Pass
	2535	1	0	21.78	1.30	23.08	<=33.01	Pass
			99	21.78	1.30	23.08	<=33.01	Pass
		100	0	20.72	1.30	22.02	<=33.01	Pass
	2560	1	0	22.07	1.30	23.37	<=33.01	Pass
			99	21.88	1.30	23.18	<=33.01	Pass
		100	0	20.81	1.30	22.11	<=33.01	Pass
64QAM	2510	1	0	20.75	1.30	22.05	<=33.01	Pass
			99	20.74	1.30	22.04	<=33.01	Pass
		100	0	19.84	1.30	21.14	<=33.01	Pass
	2535	1	0	20.96	1.30	22.26	<=33.01	Pass
			99	20.80	1.30	22.10	<=33.01	Pass
		100	0	19.81	1.30	21.11	<=33.01	Pass
	2560	1	0	21.03	1.30	22.33	<=33.01	Pass
			99	20.78	1.30	22.08	<=33.01	Pass
		100	0	19.83	1.30	21.13	<=33.01	Pass
256QAM	2510	1	0	17.85	1.30	19.15	<=33.01	Pass
			99	17.75	1.30	19.05	<=33.01	Pass
		100	0	17.84	1.30	19.14	<=33.01	Pass
	2535	1	0	17.94	1.30	19.24	<=33.01	Pass
			99	17.79	1.30	19.09	<=33.01	Pass

		100	0	17.64	1.30	18.94	<=33.01	Pass
	2560	1	0	17.90	1.30	19.20	<=33.01	Pass
			99	17.83	1.30	19.13	<=33.01	Pass
		100	0	17.58	1.30	18.88	<=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	LV	-0.400	-0.0002	-2.5 to 2.5	Pass
					NV	-8.600	-0.0034	-2.5 to 2.5	Pass
					HV	-4.900	-0.0019	-2.5 to 2.5	Pass
				-30	NV	-4.500	-0.0018	-2.5 to 2.5	Pass
				-20	NV	-2.200	-0.0009	-2.5 to 2.5	Pass
				-10	NV	-4.000	-0.0016	-2.5 to 2.5	Pass
				0	NV	-7.500	-0.0030	-2.5 to 2.5	Pass
				10	NV	-5.500	-0.0022	-2.5 to 2.5	Pass
				30	NV	-4.600	-0.0018	-2.5 to 2.5	Pass
				40	NV	-6.700	-0.0026	-2.5 to 2.5	Pass
				50	NV	-2.900	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

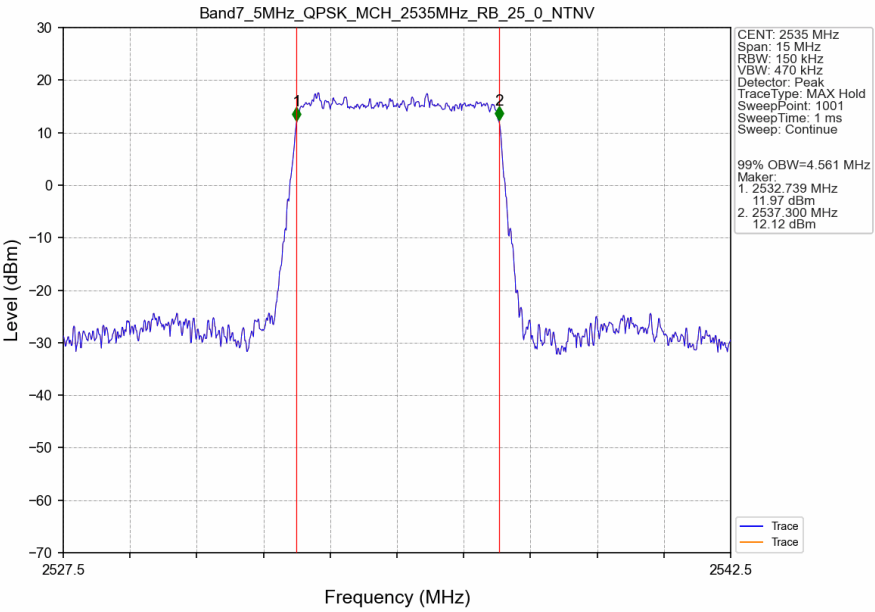
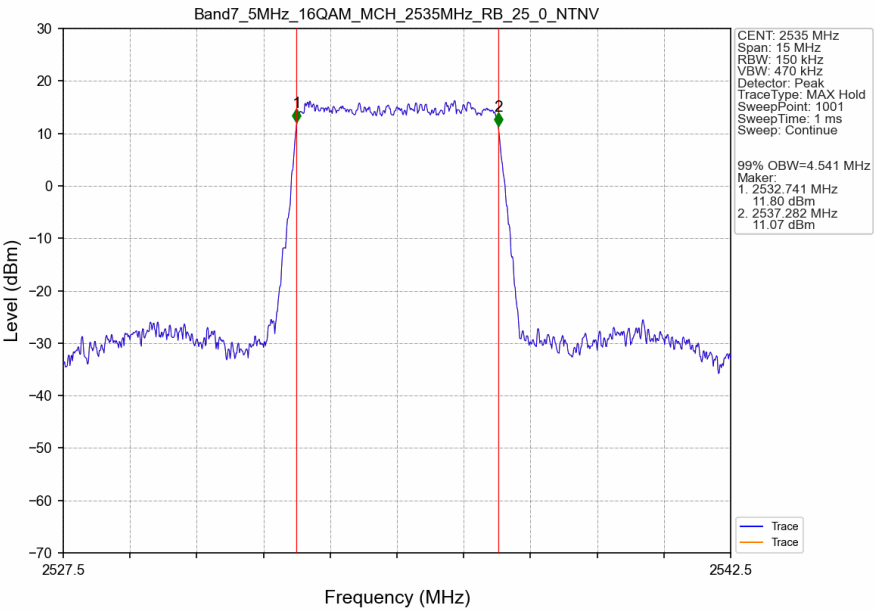
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.561	/	Pass
	16QAM	2535	25	0	4.541	/	Pass
10	QPSK	2535	50	0	9.059	/	Pass
	16QAM	2535	50	0	9.036	/	Pass
15	QPSK	2535	75	0	13.586	/	Pass
	16QAM	2535	75	0	13.544	/	Pass
20	QPSK	2535	100	0	18.113	/	Pass
	16QAM	2535	100	0	18.100	/	Pass

3.1.2 Band7_XDB

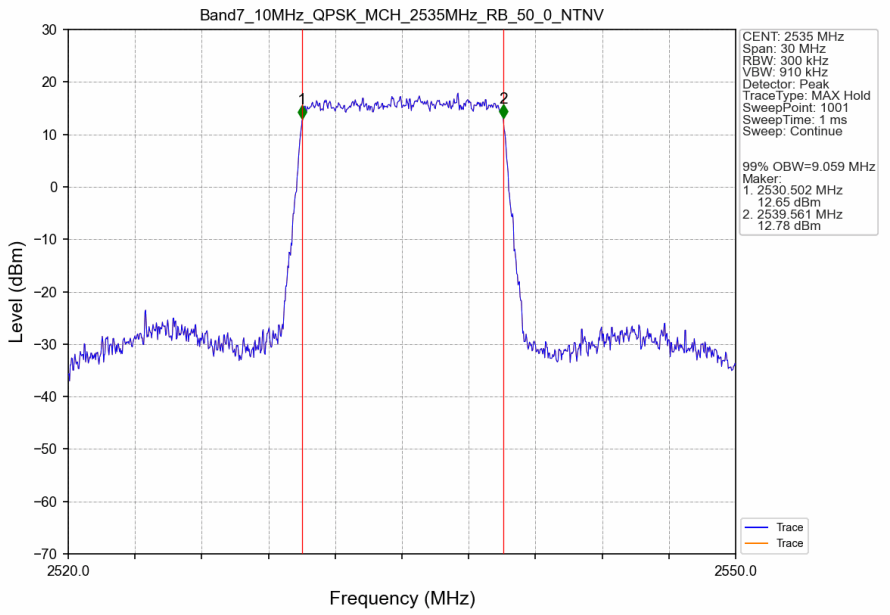
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.068	/	Pass
	16QAM	2535	25	0	5.038	/	Pass
10	QPSK	2535	50	0	9.944	/	Pass
	16QAM	2535	50	0	9.907	/	Pass
15	QPSK	2535	75	0	14.980	/	Pass
	16QAM	2535	75	0	14.889	/	Pass
20	QPSK	2535	100	0	19.783	/	Pass
	16QAM	2535	100	0	19.748	/	Pass

3.2 Test Graph

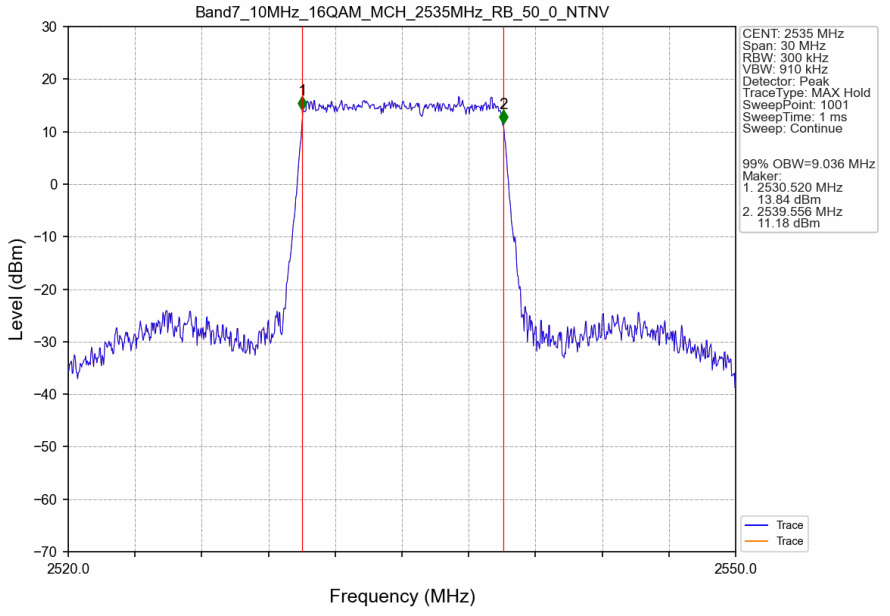
3.2.1 Band7_OBW

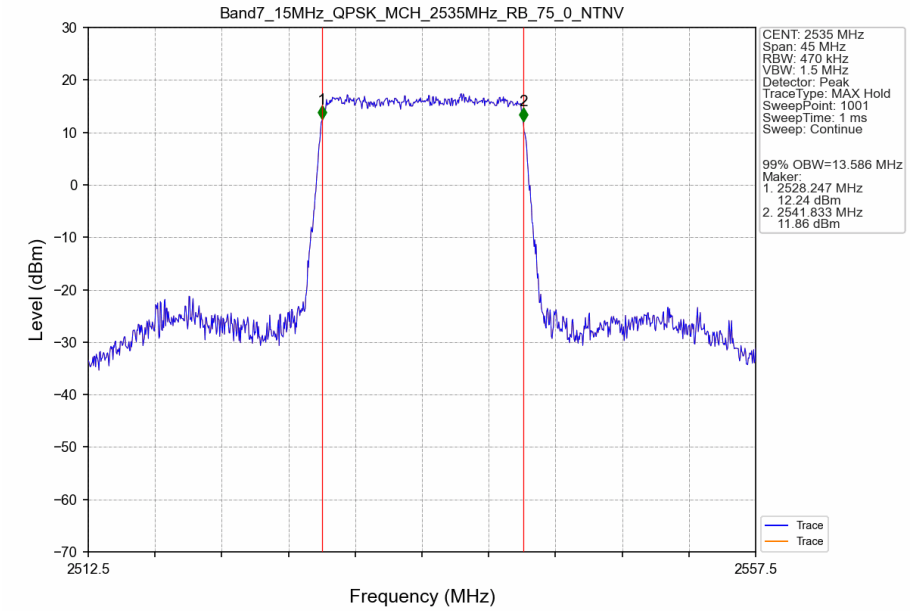
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV

Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV


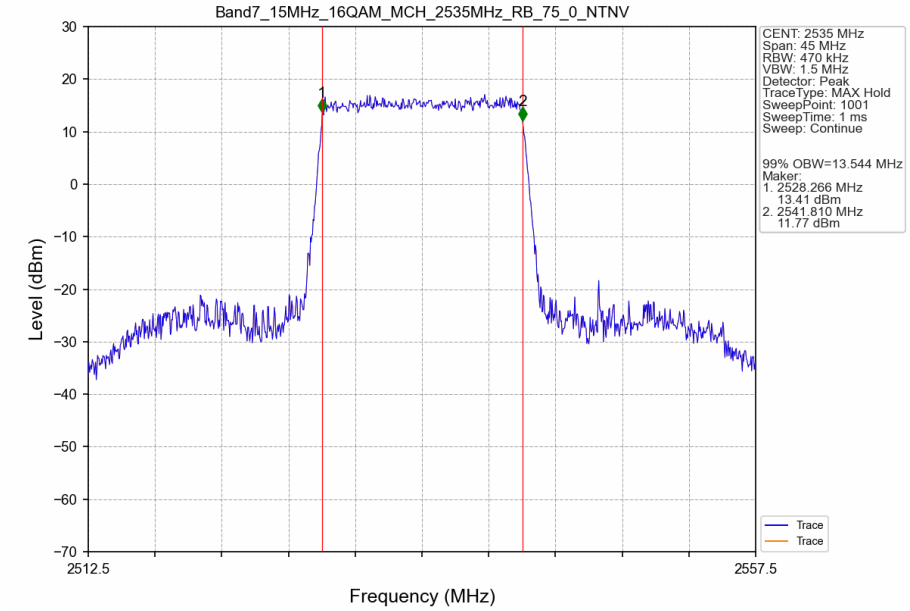
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



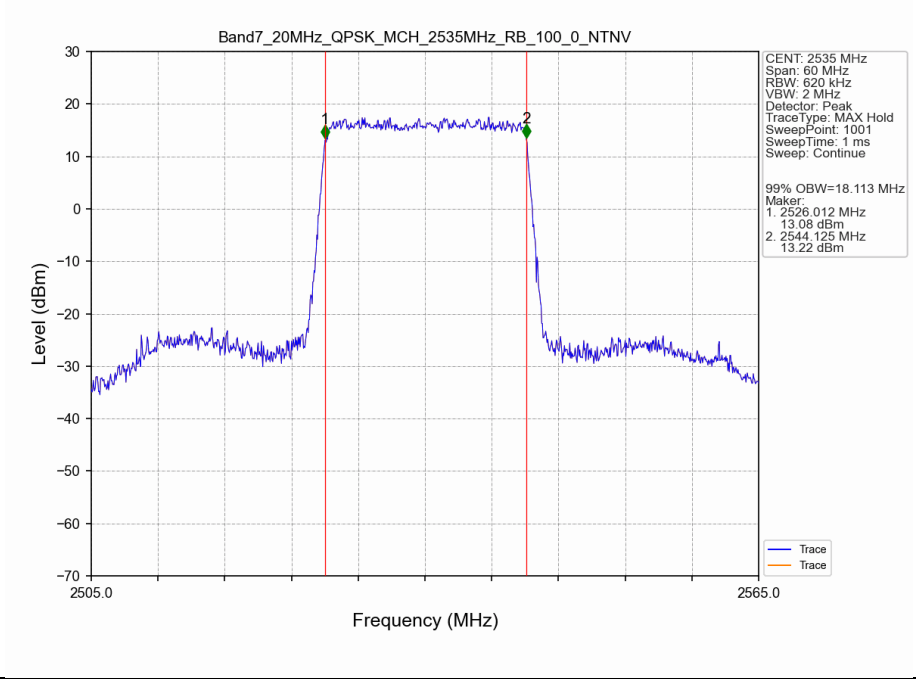
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



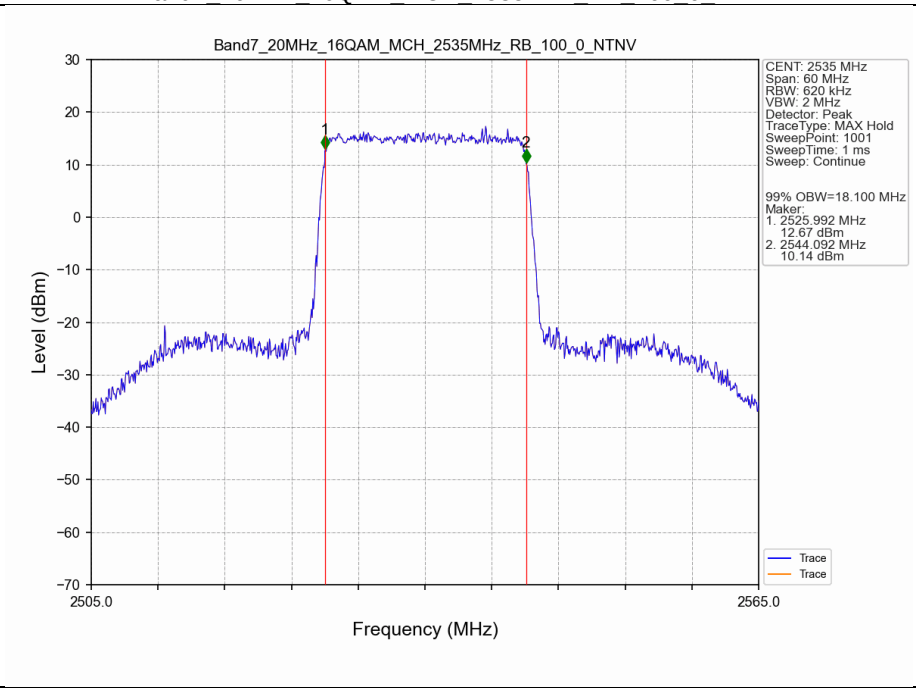
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV


Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV


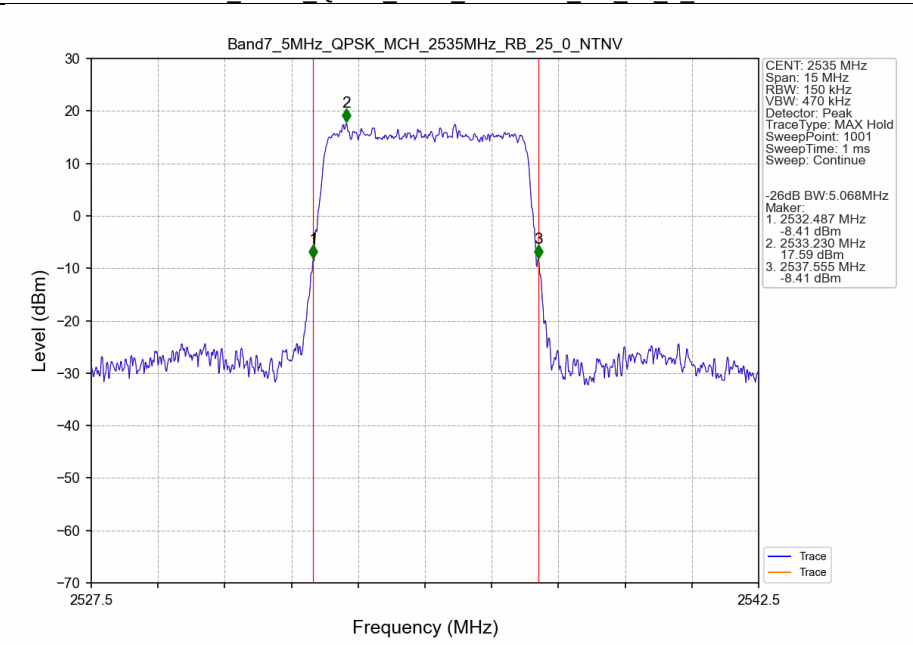
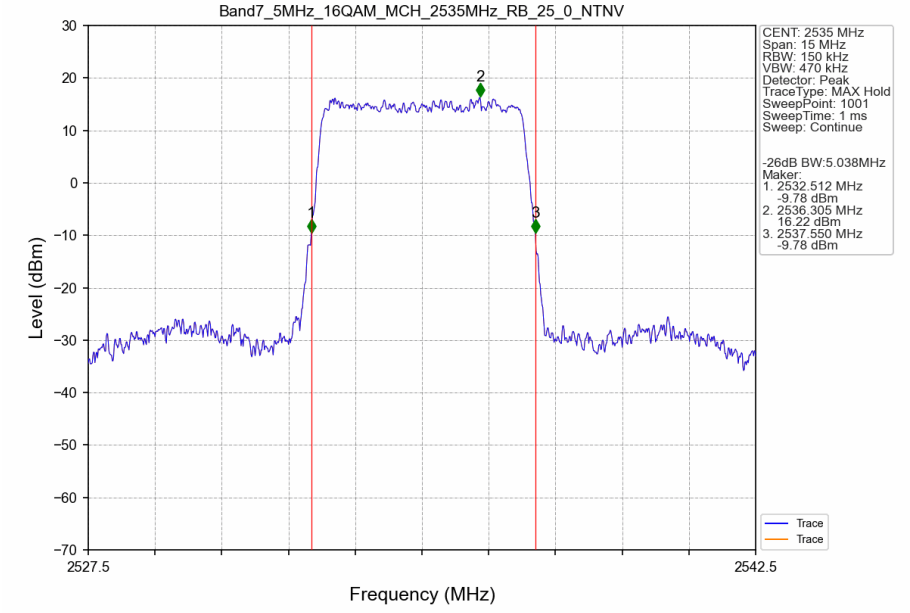
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

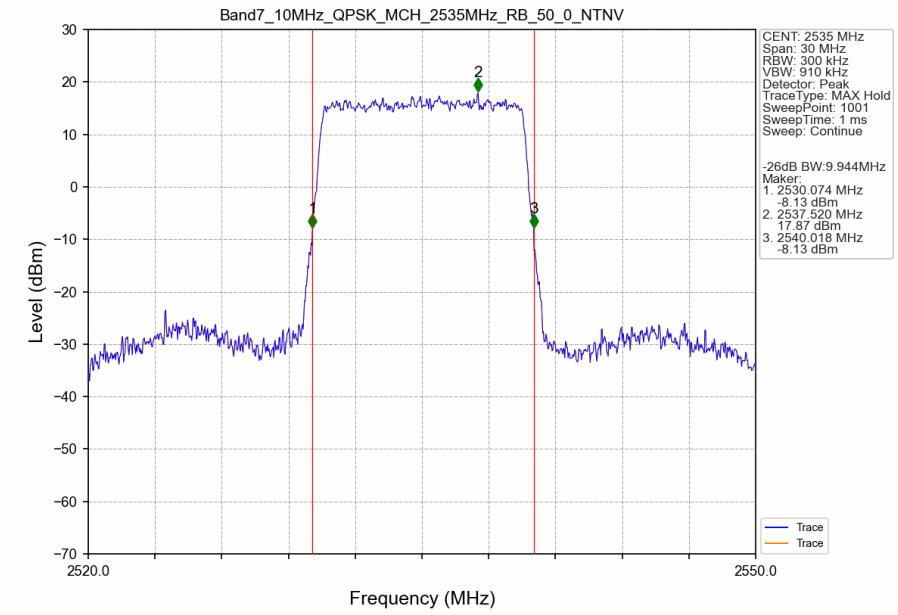


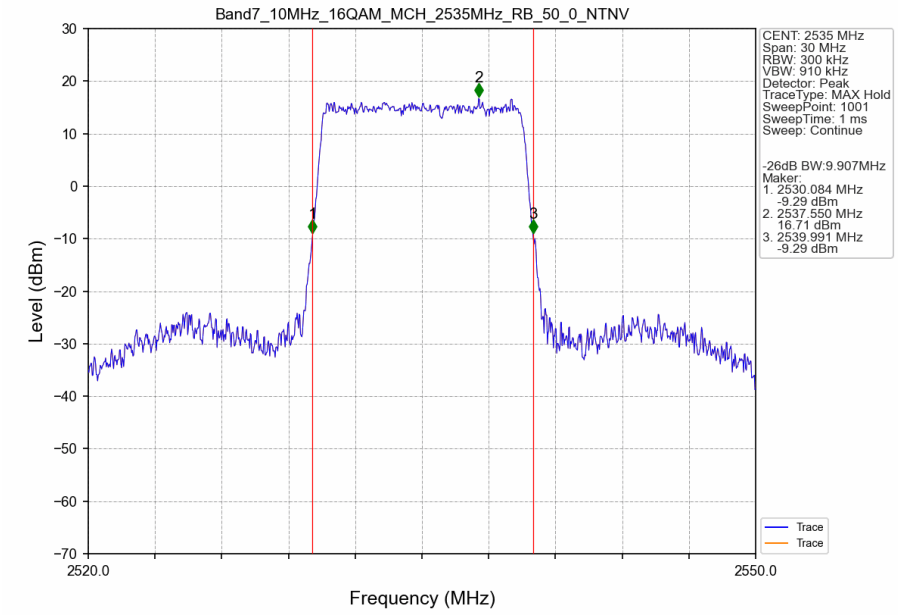
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



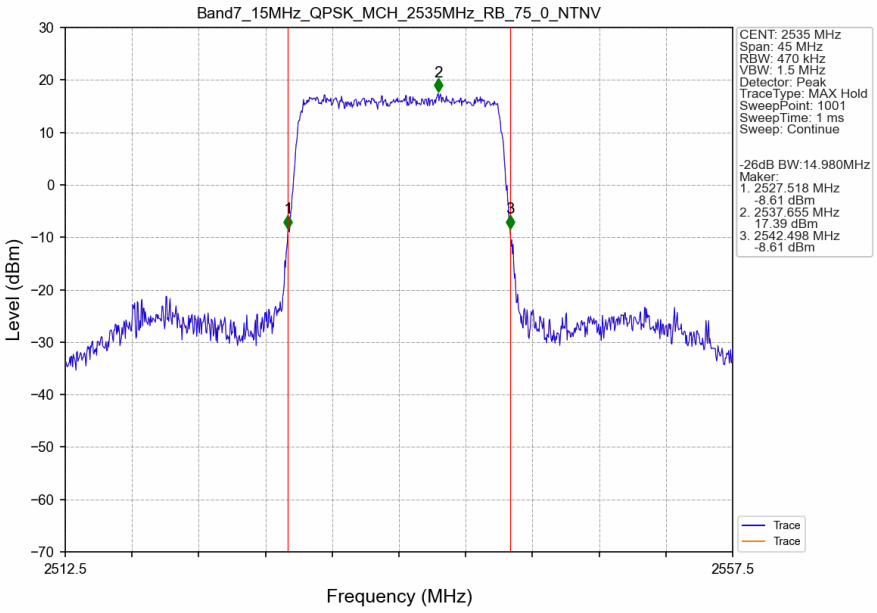
3.2.2 Band7_XDB

Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV

Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV


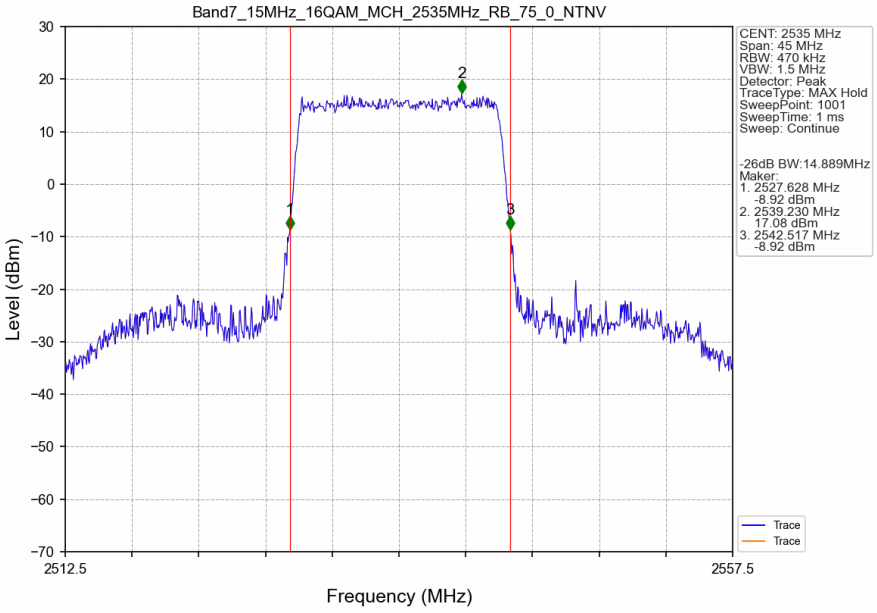
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV


Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV


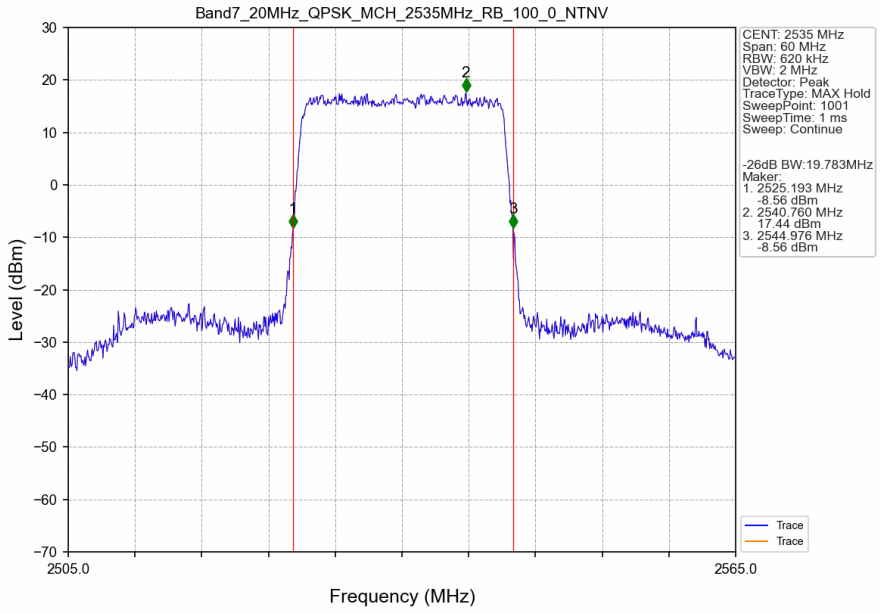
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



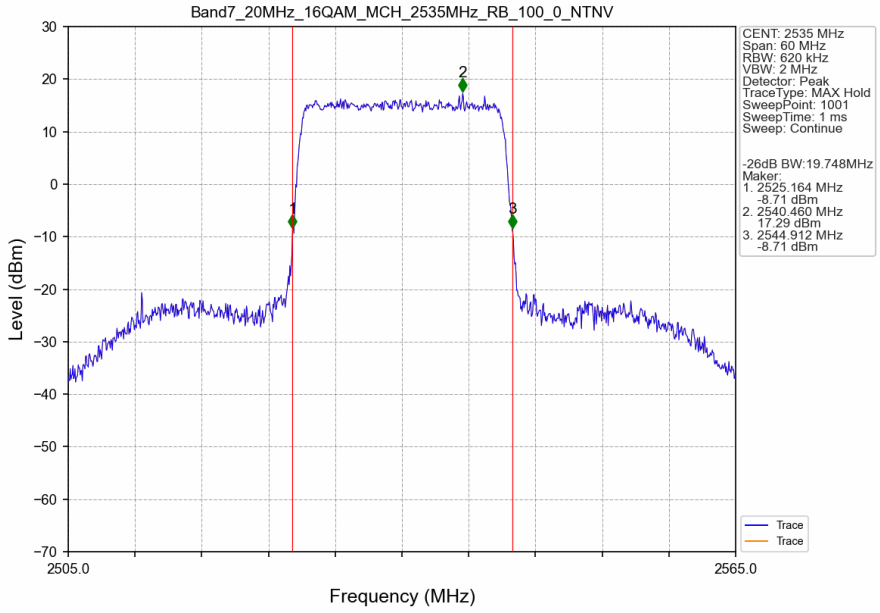
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



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

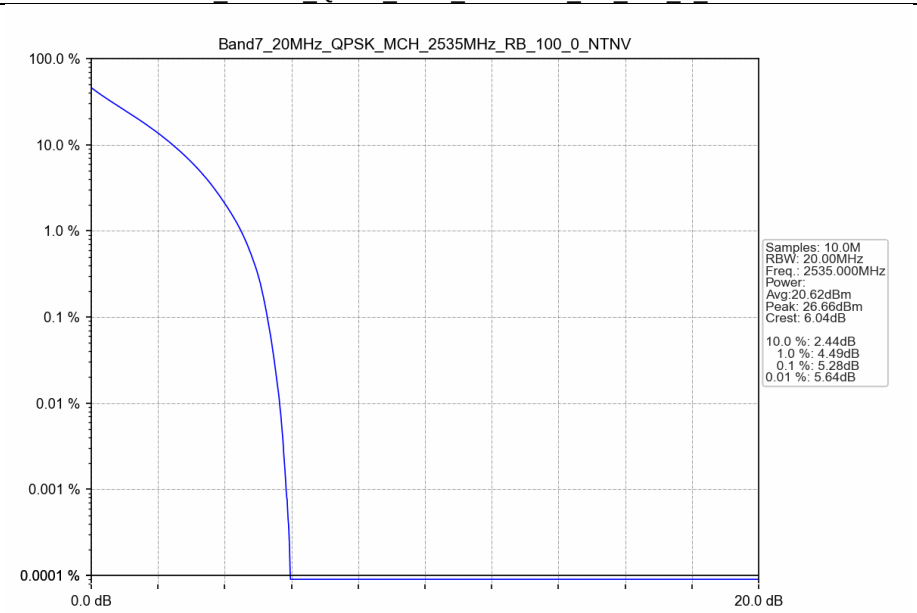
4.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.28	<=13	Pass
16QAM	2535	100	0	5.85	<=13	Pass
64QAM	2535	100	0	6.55	<=13	Pass
256QAM	2535	100	0	6.59	<=13	Pass

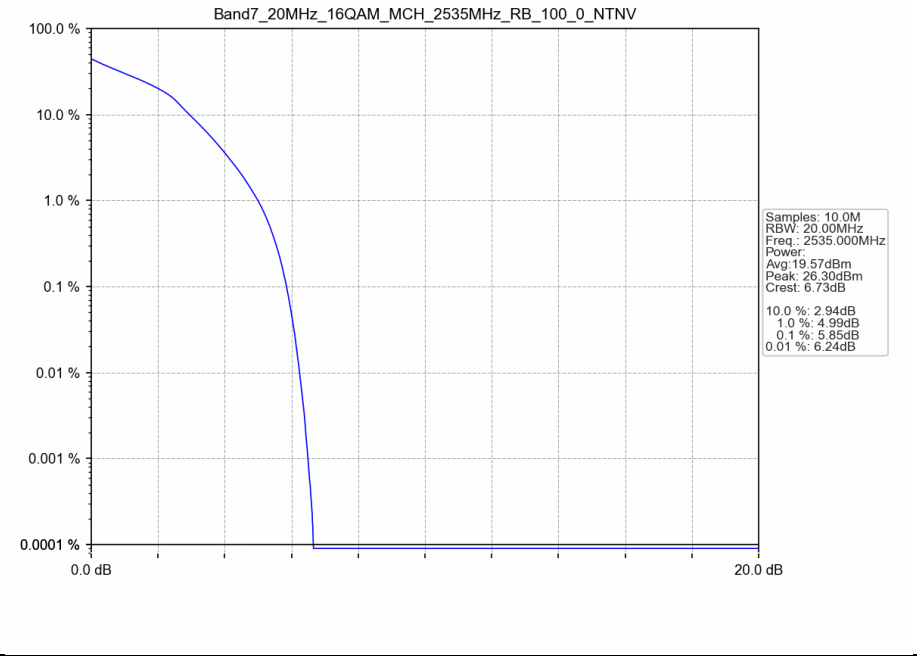
4.2 Test Graph

4.2.1 B7_20MHz

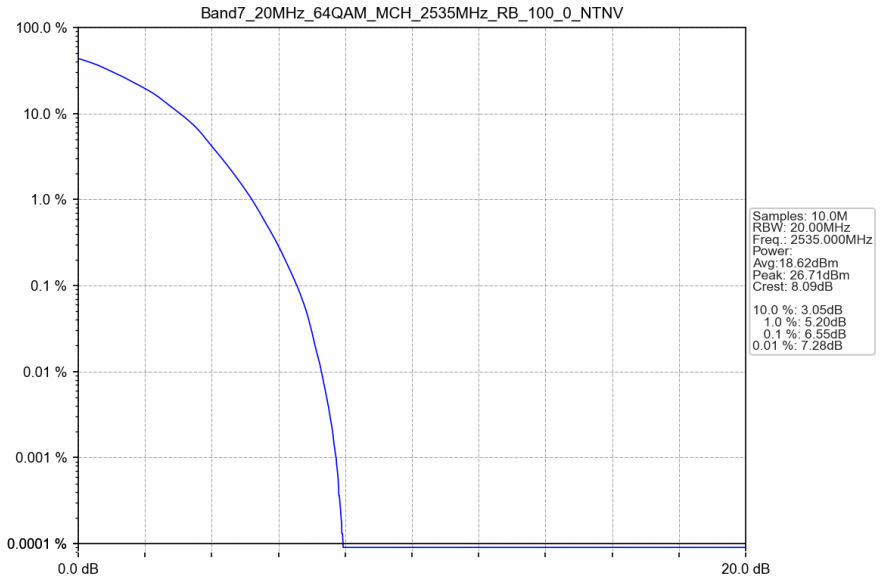
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



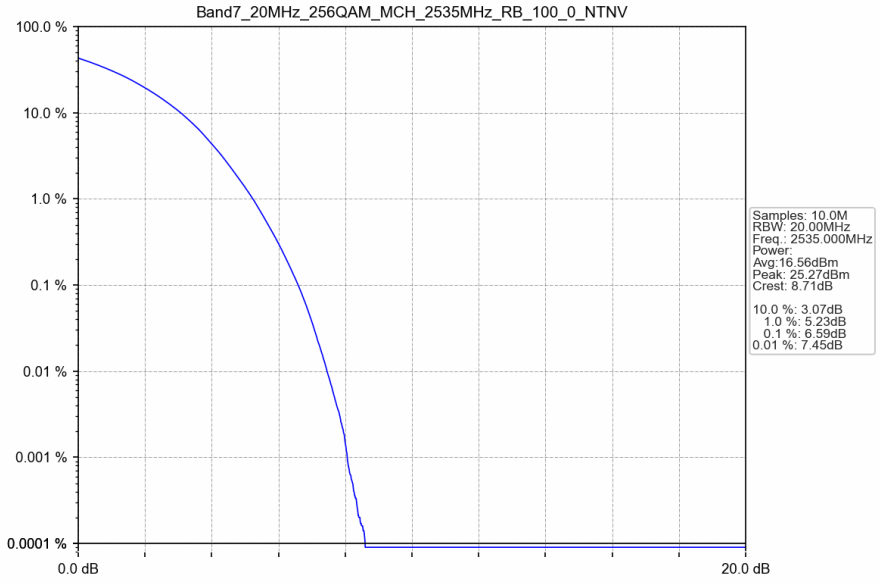
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



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 / 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 / NTNV						
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

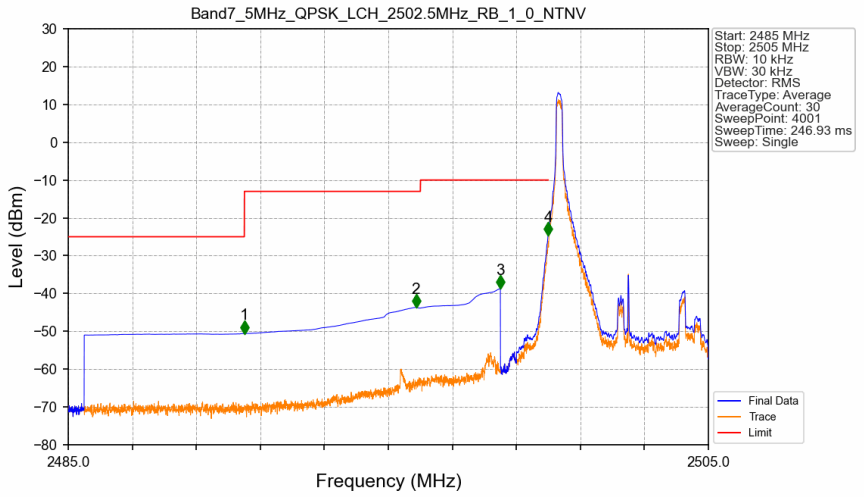
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
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

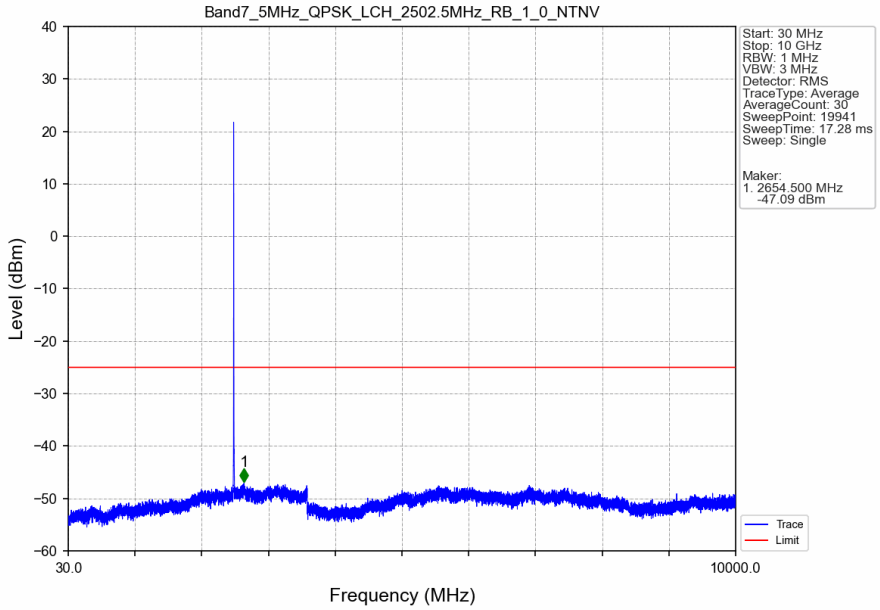
5.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

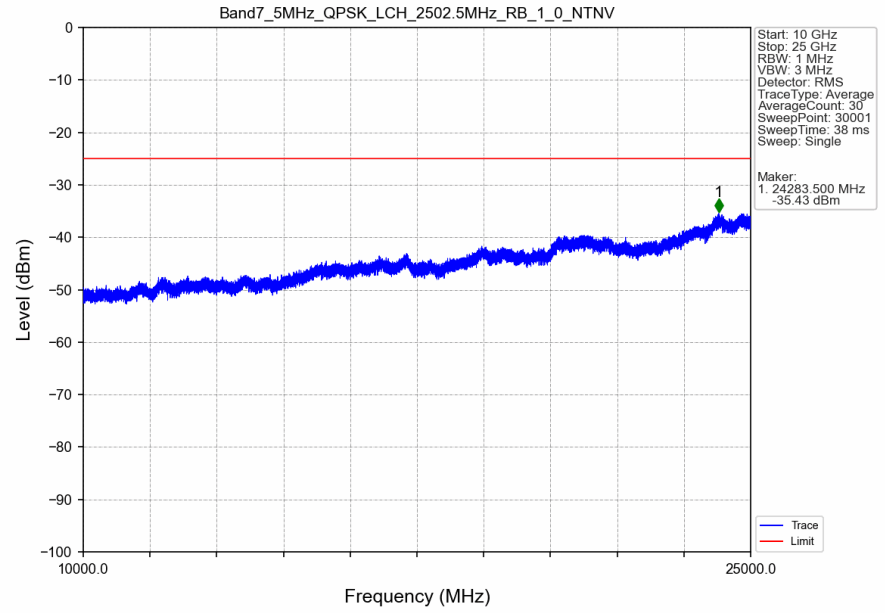


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-50.59	-25	Pass
2490.5	2496	1	CHP	2	2495.865	-43.63	-13	Pass
2496	2499	1	CHP	3	2498.500	-38.71	-10	Pass
2499	2500	0.02	CHP	4	2499.990	-24.67	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

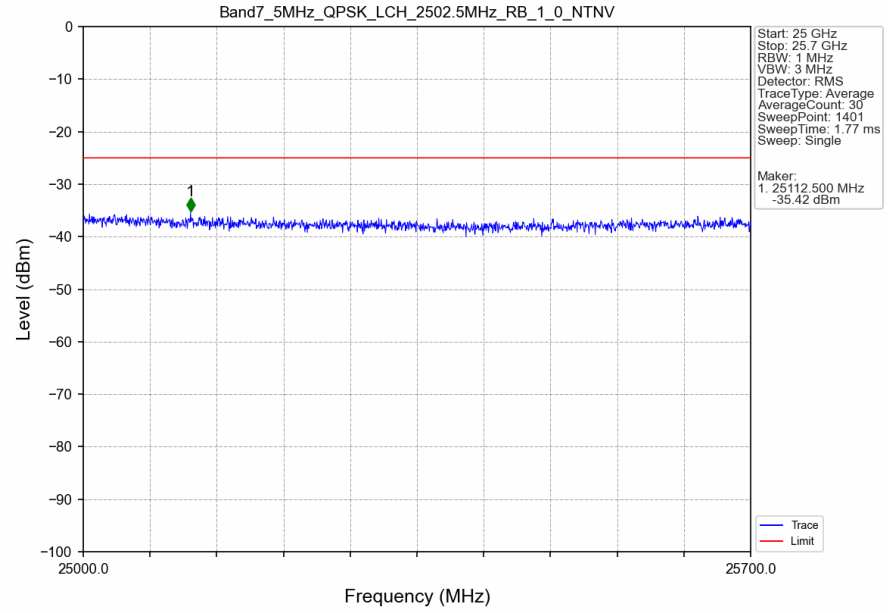
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



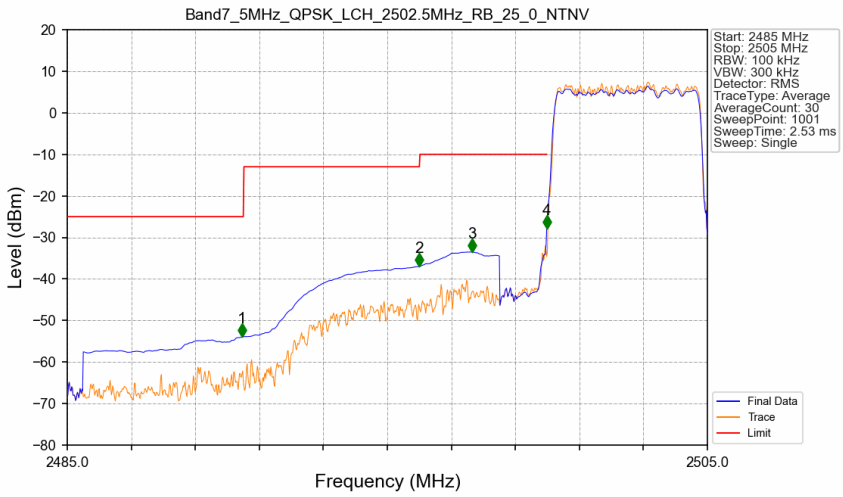
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

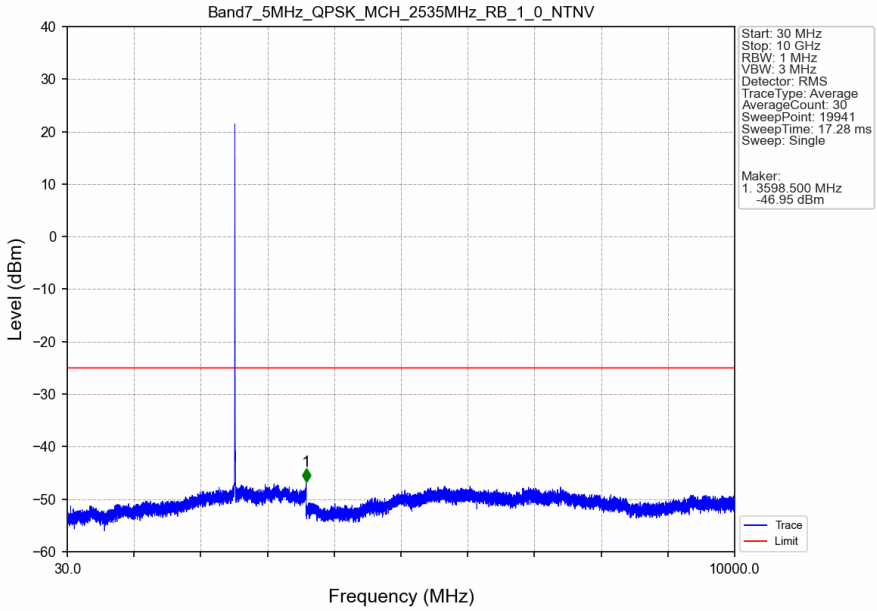


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

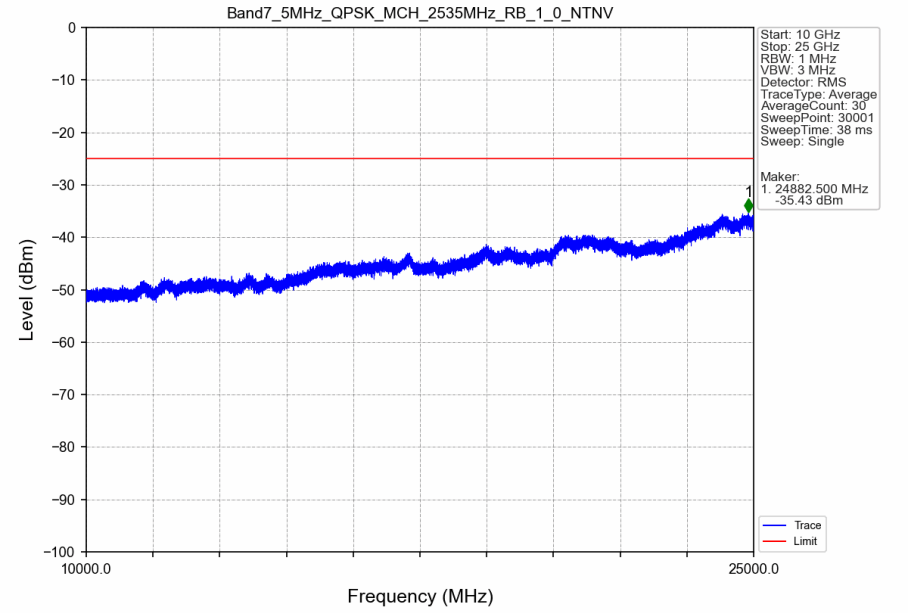


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-53.90	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-37.03	-13	Pass
2496	2499	1	CHP	3	2497.640	-33.50	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-27.79	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

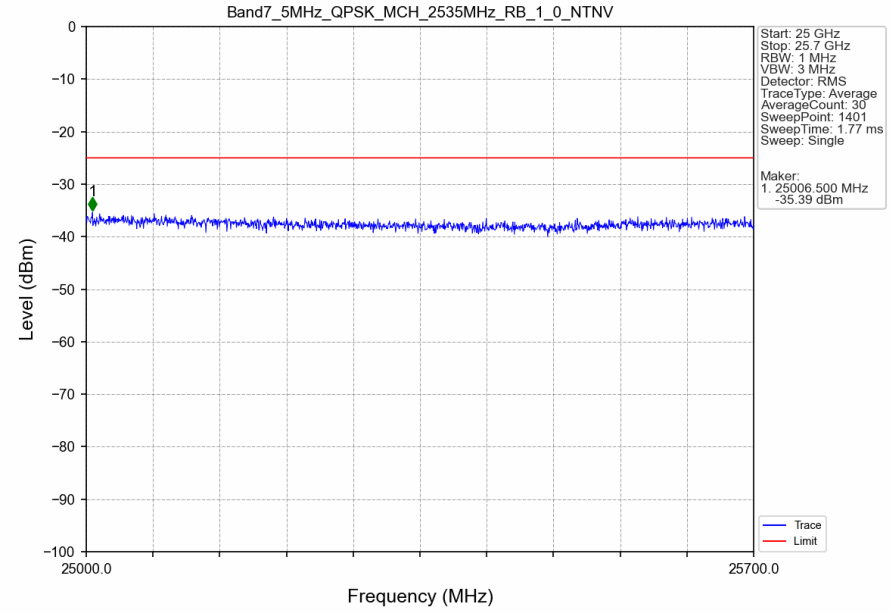
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



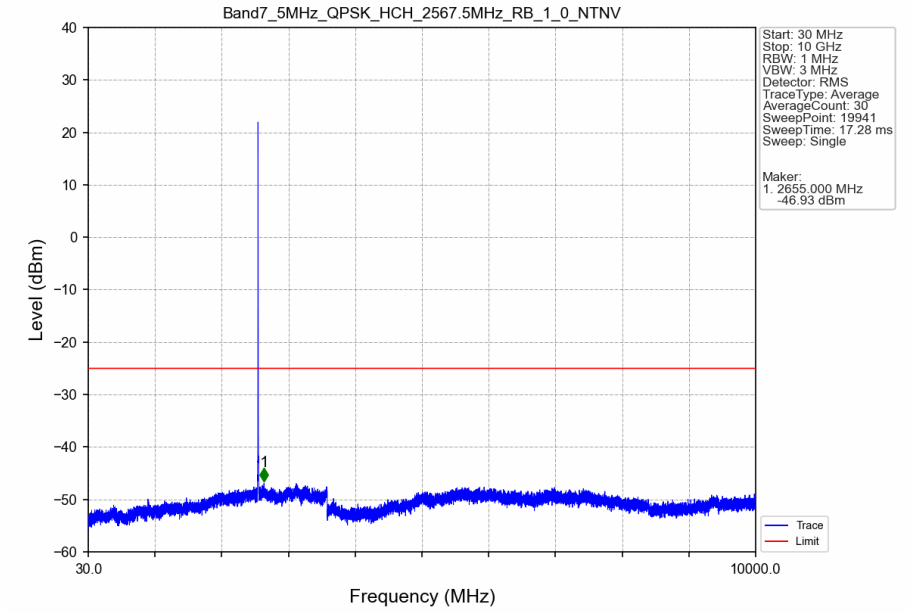
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



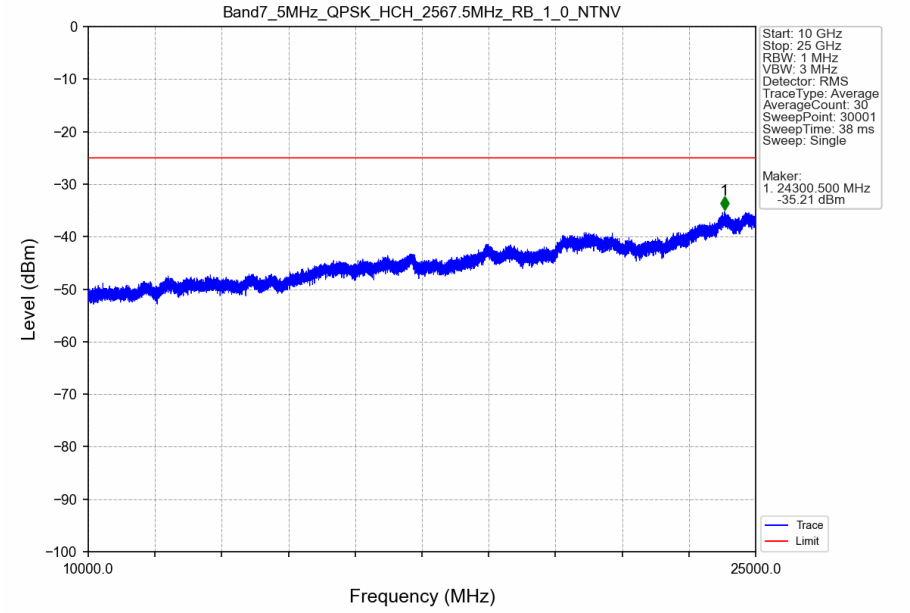
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



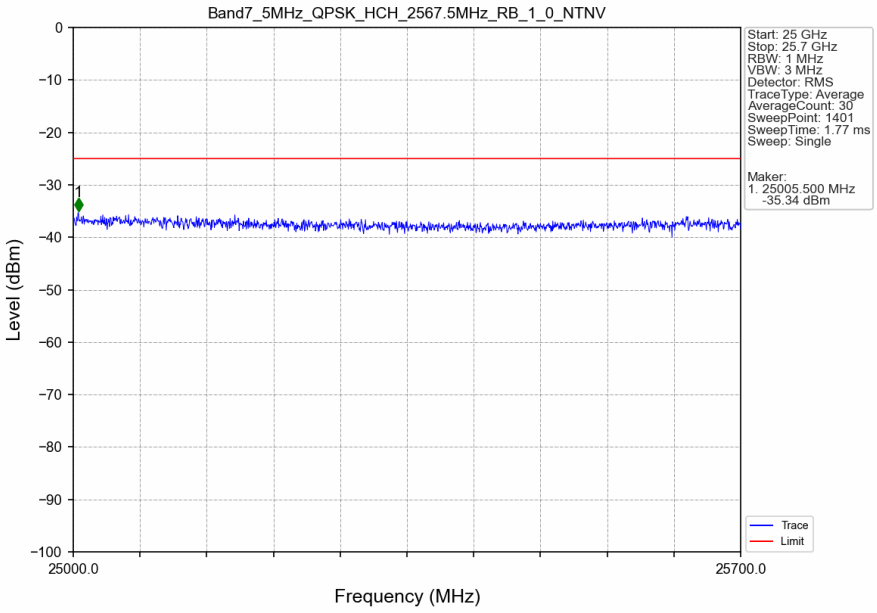
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



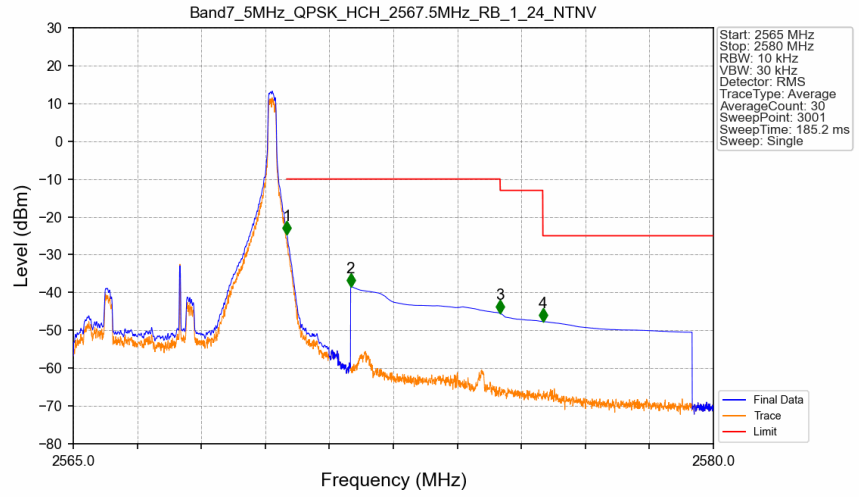
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

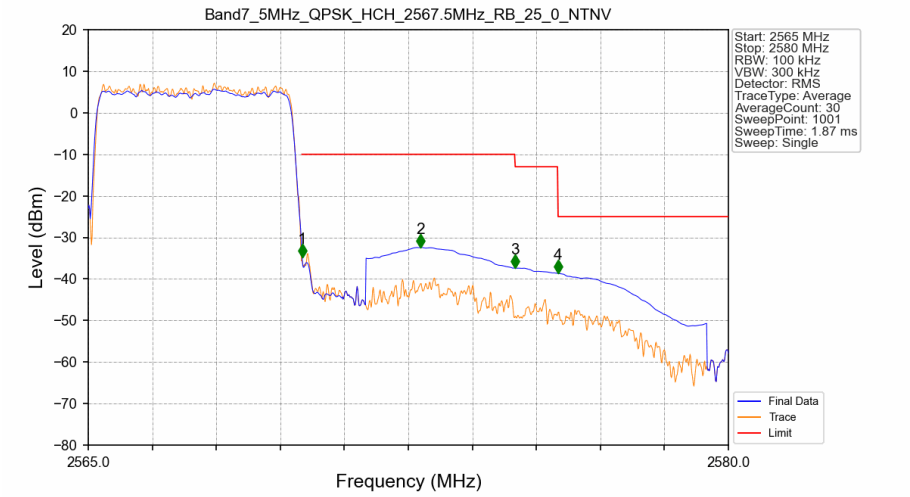


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



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	-24.65	-10	Pass
2571	2575	1	CHP	2	2571.500	-38.41	-10	Pass
2575	2576	1	CHP	3	2575.005	-45.53	-13	Pass
2576	2580	1	CHP	4	2576.005	-47.67	-25	Pass

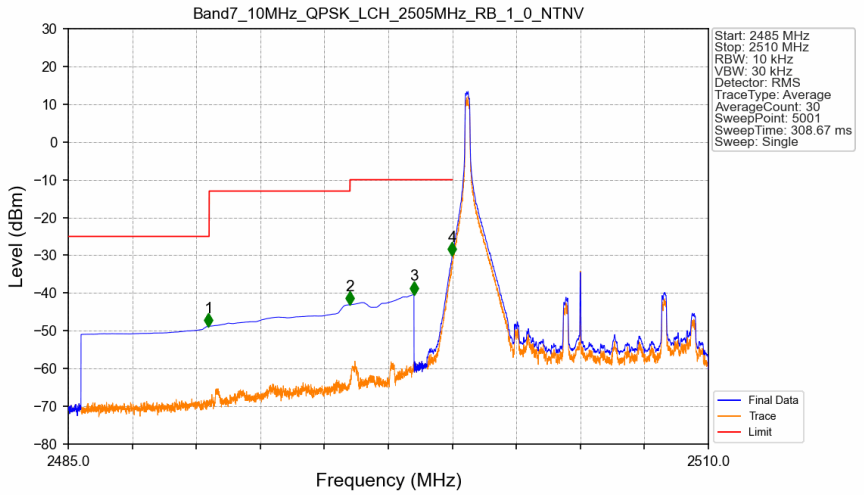
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



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	-34.81	-10	Pass
2571	2575	1	CHP	2	2572.785	-32.44	-10	Pass
2575	2576	1	CHP	3	2575.005	-37.38	-13	Pass
2576	2580	1	CHP	4	2576.010	-38.68	-25	Pass

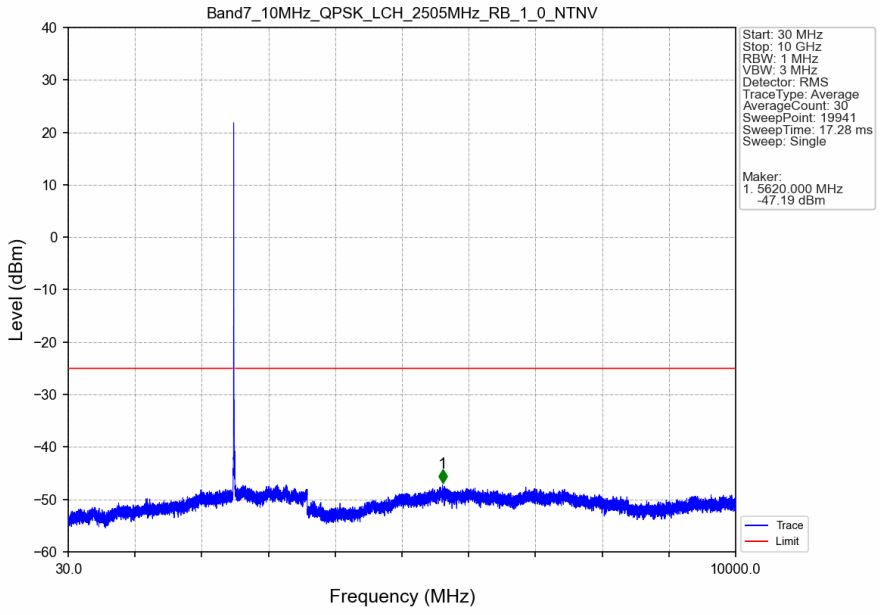
5.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

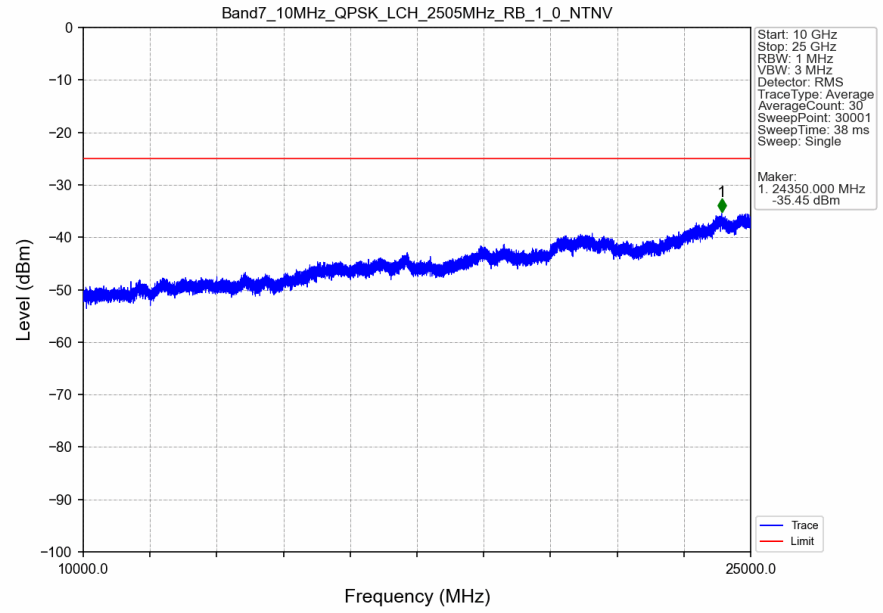


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-48.80	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-43.09	-13	Pass
2496	2499	1	CHP	3	2498.500	-40.37	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-30.00	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

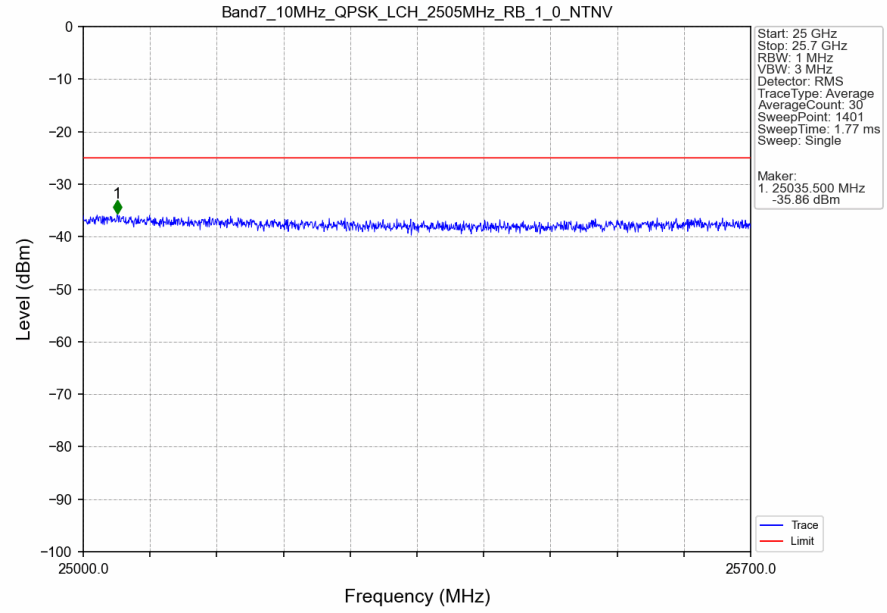
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



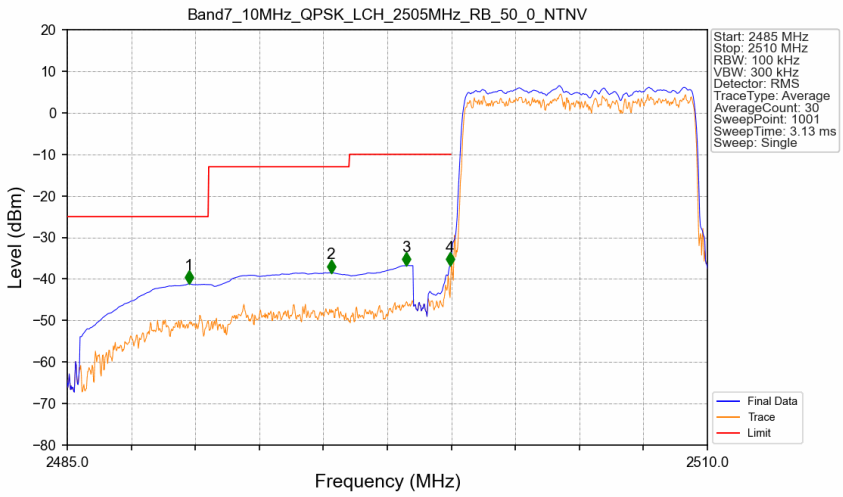
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

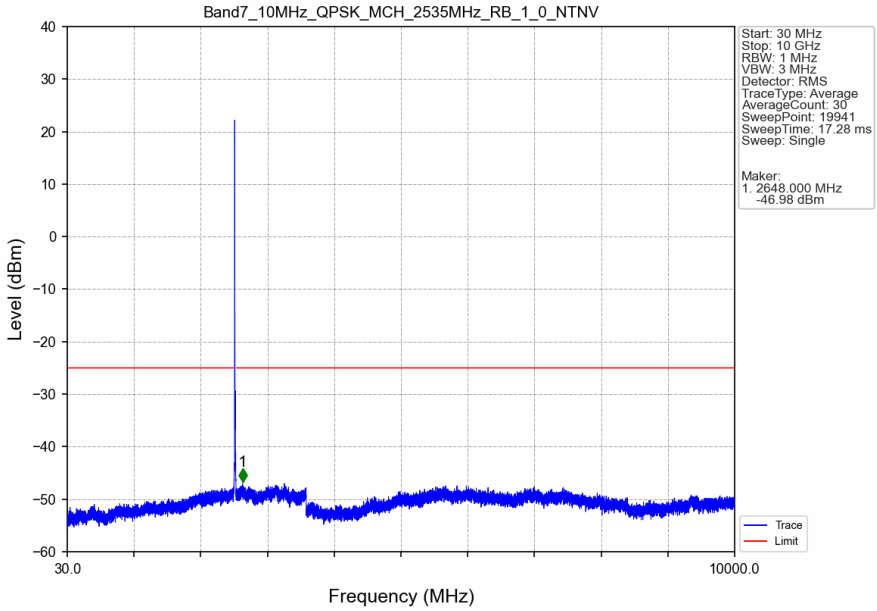


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

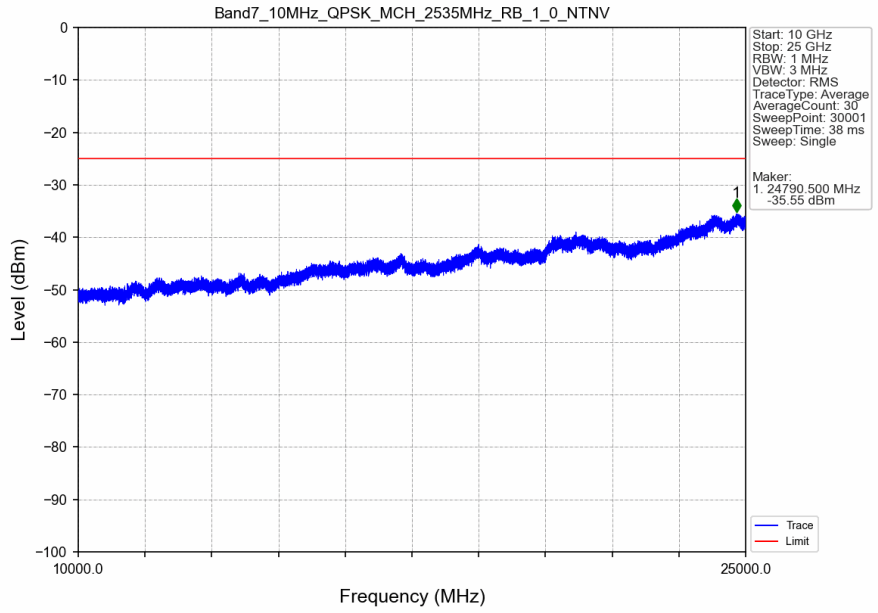


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.750	-41.18	-25	Pass
2490.5	2496	1	CHP	2	2495.300	-38.51	-13	Pass
2496	2499	1	CHP	3	2498.250	-36.76	-10	Pass
2499	2500	0.198	CHP	4	2499.950	-36.85	-10	Pass
2500	2510	0.198	CHP	/	/	/	/	/

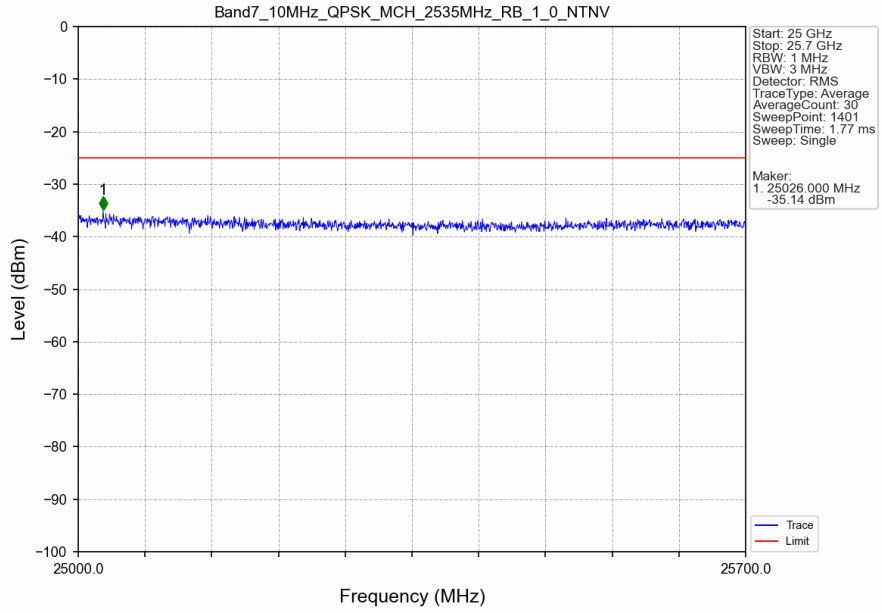
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



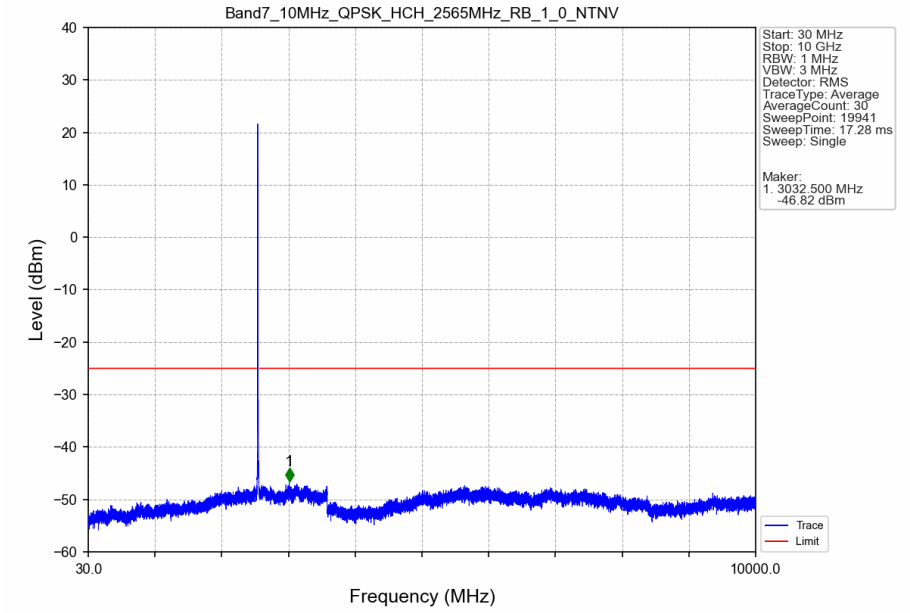
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



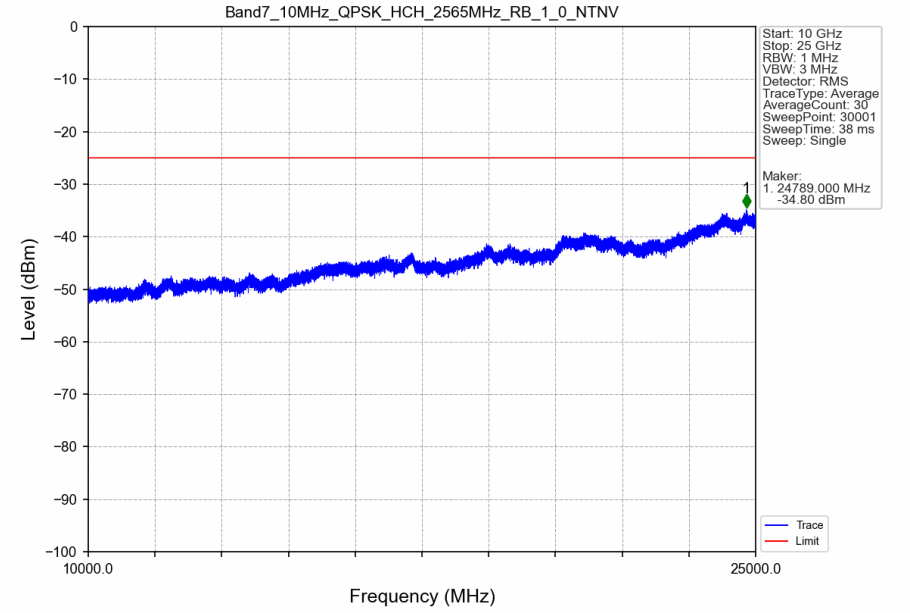
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



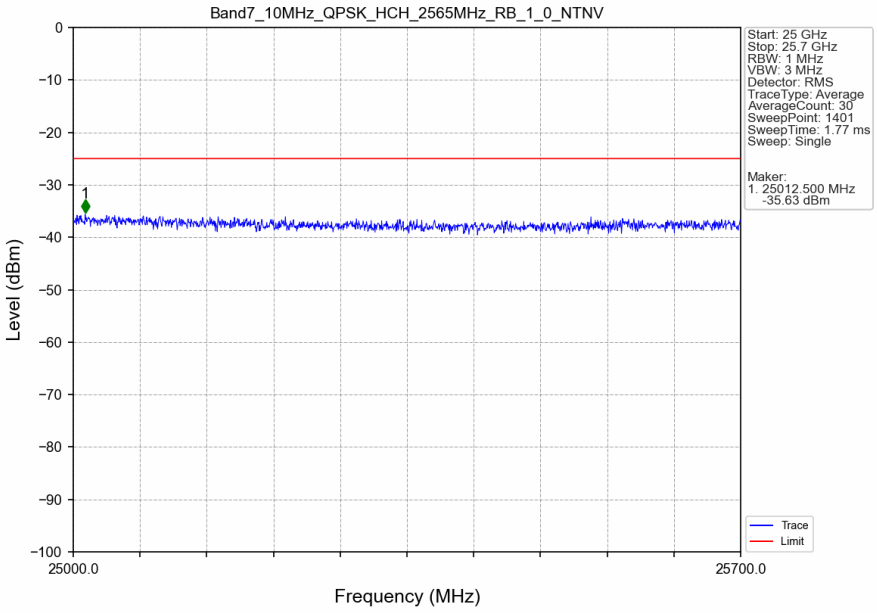
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



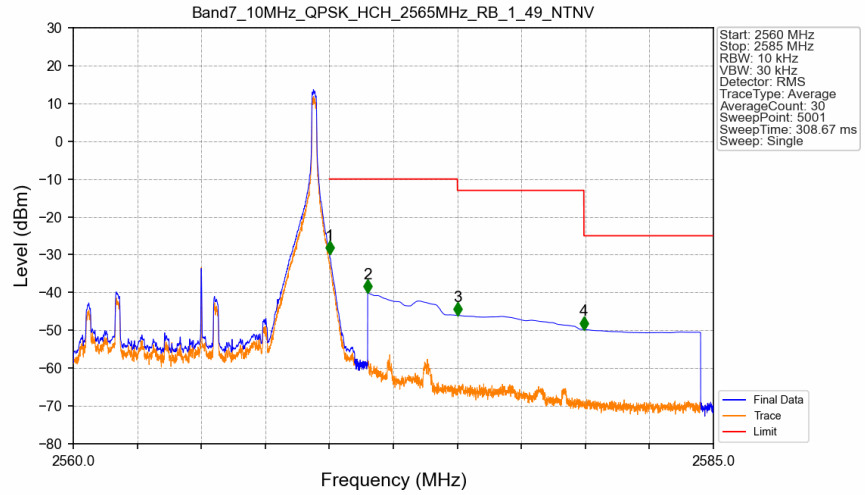
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

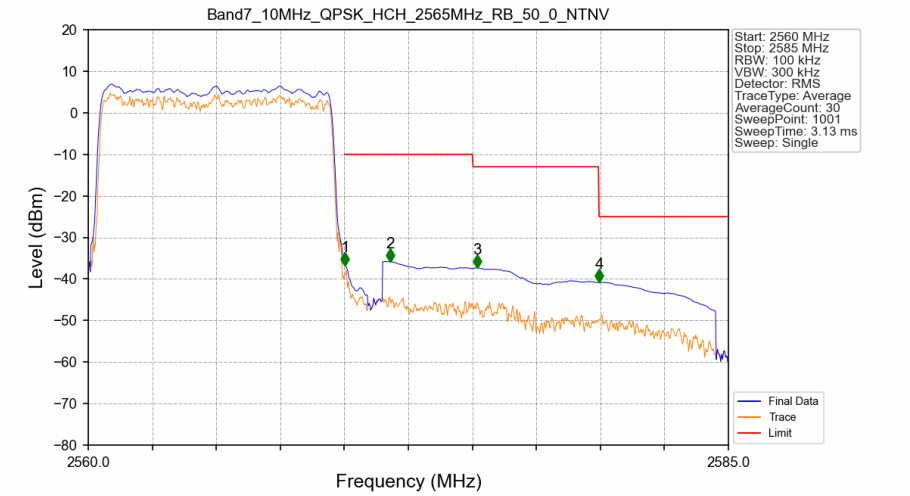


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



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	-29.85	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.08	-10	Pass
2575	2579.944	1	CHP	3	2575.015	-46.04	-13	Pass
2579.944	2585	1	CHP	4	2579.945	-49.79	-25	Pass

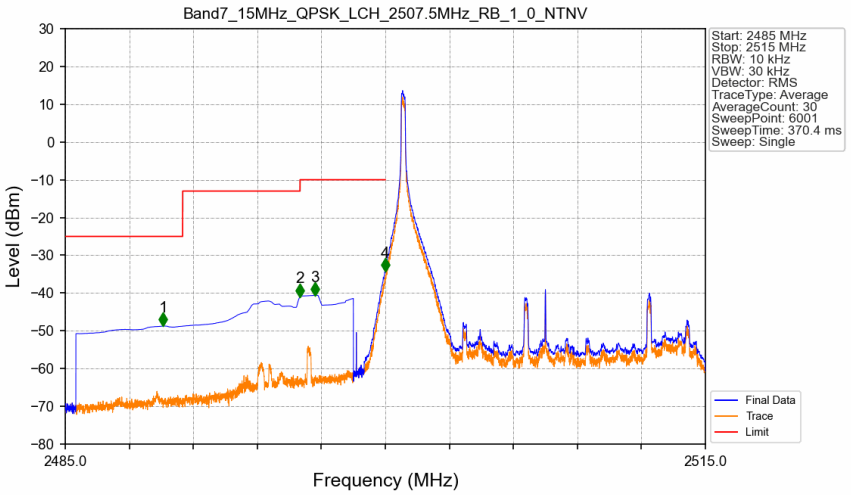
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.199	CHP	/	/	/	/	/
2570	2571	0.199	CHP	1	2570.025	-36.82	-10	Pass
2571	2575	1	CHP	2	2571.800	-35.80	-10	Pass
2575	2579.944	1	CHP	3	2575.175	-37.30	-13	Pass
2579.944	2585	1	CHP	4	2579.950	-40.81	-25	Pass

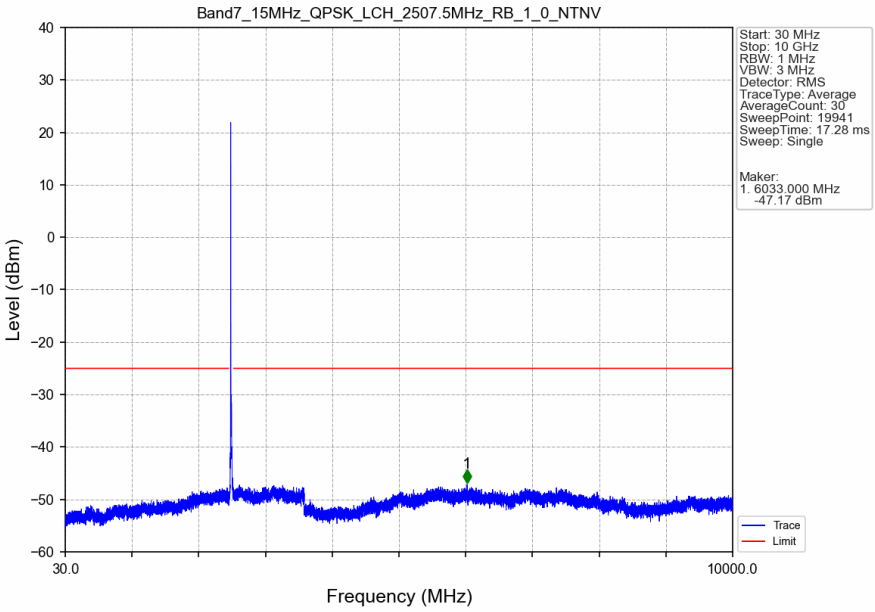
5.2.3 B7_15MHz

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

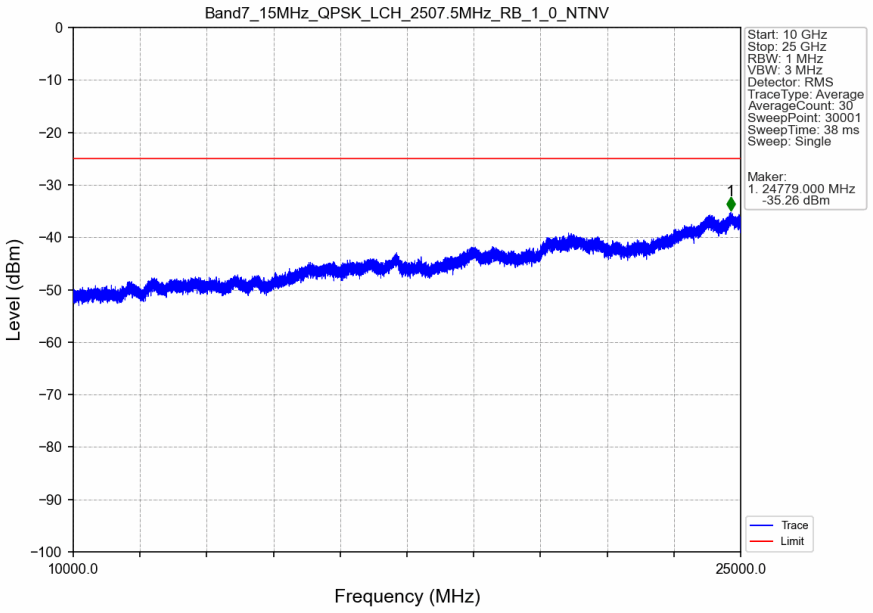


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.585	-48.74	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-40.97	-13	Pass
2496	2499	1	CHP	3	2496.710	-40.59	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-34.30	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

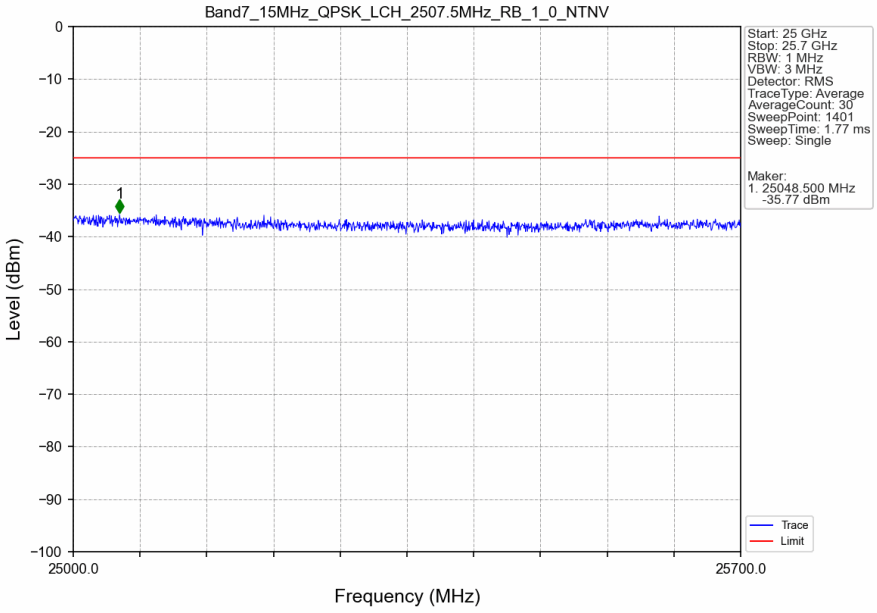
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



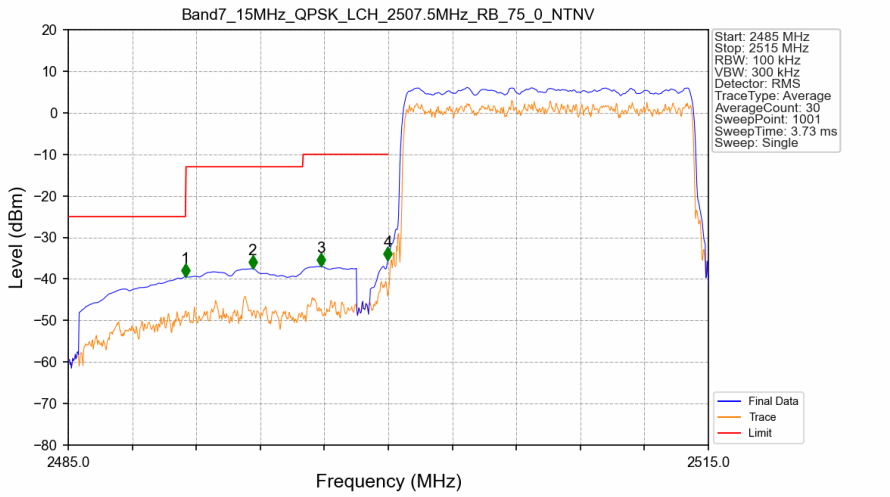
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

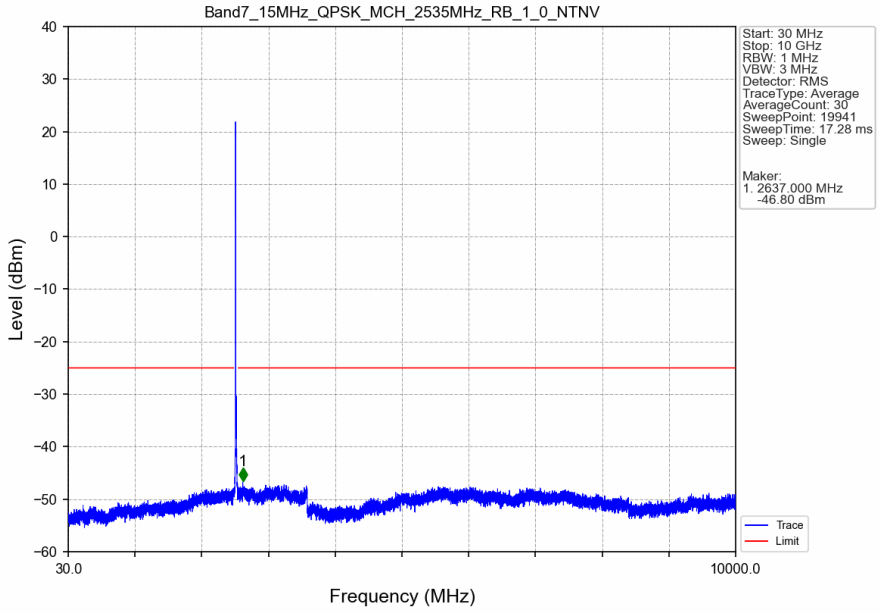


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

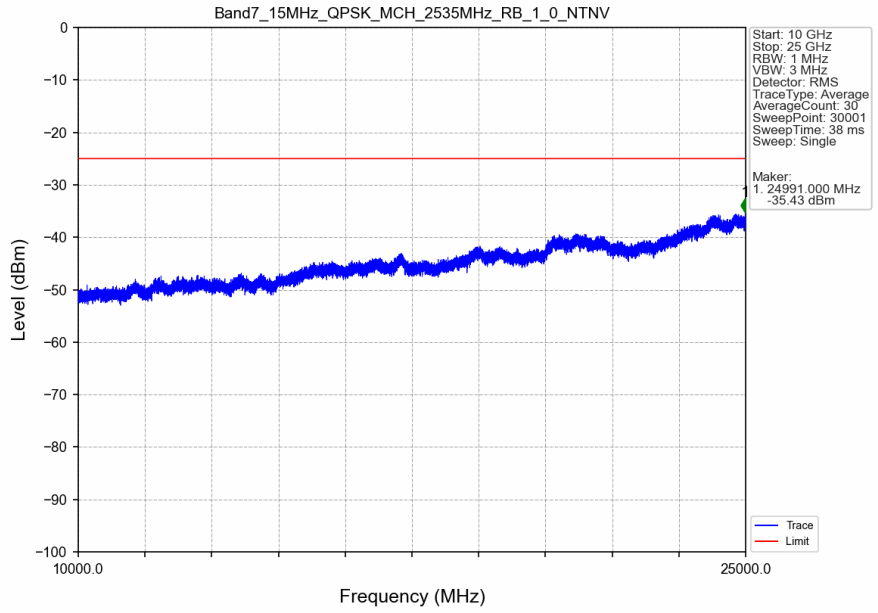


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-39.48	-25	Pass
2490.5	2496	1	CHP	2	2493.640	-37.51	-13	Pass
2496	2499	1	CHP	3	2496.850	-36.97	-10	Pass
2499	2500	0.298	CHP	4	2499.970	-35.58	-10	Pass
2500	2515	0.298	CHP	/	/	/	/	/

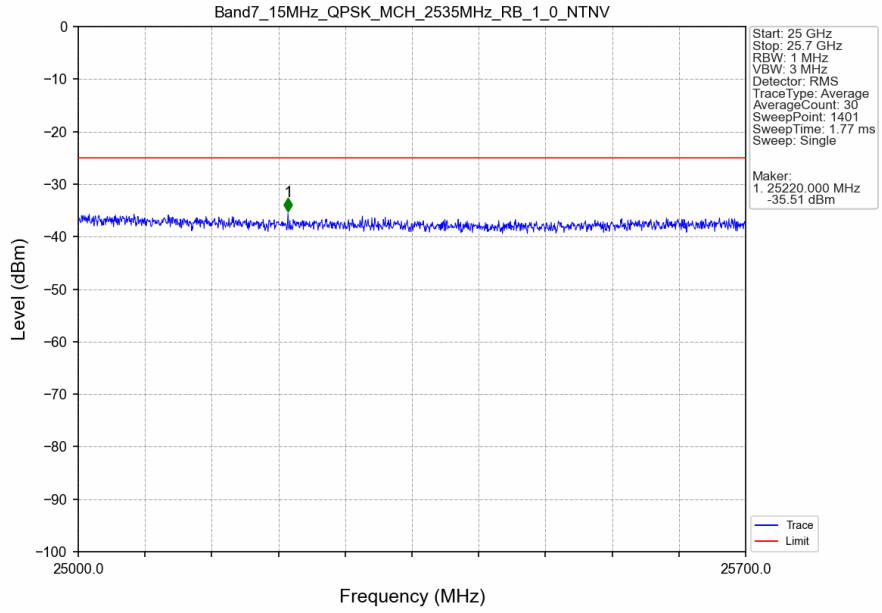
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



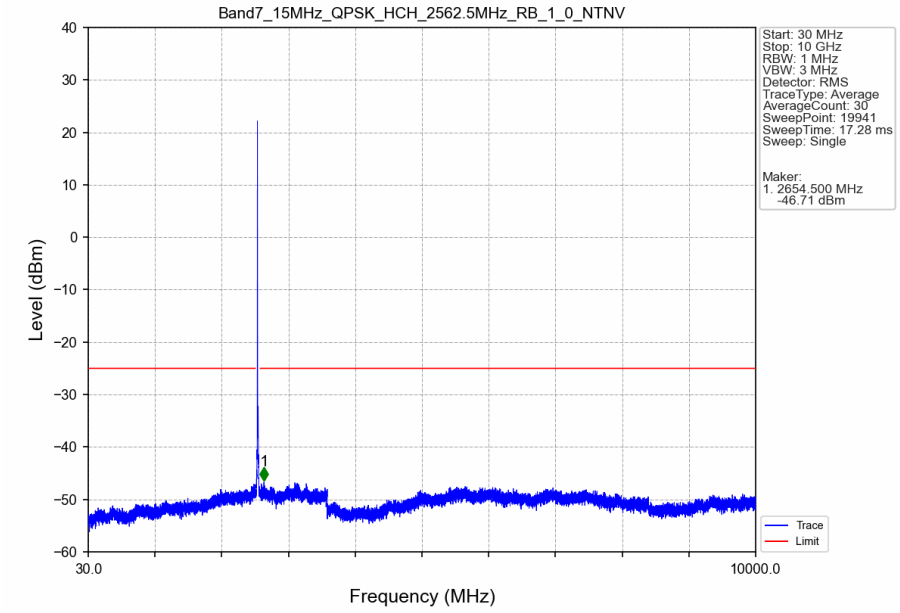
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



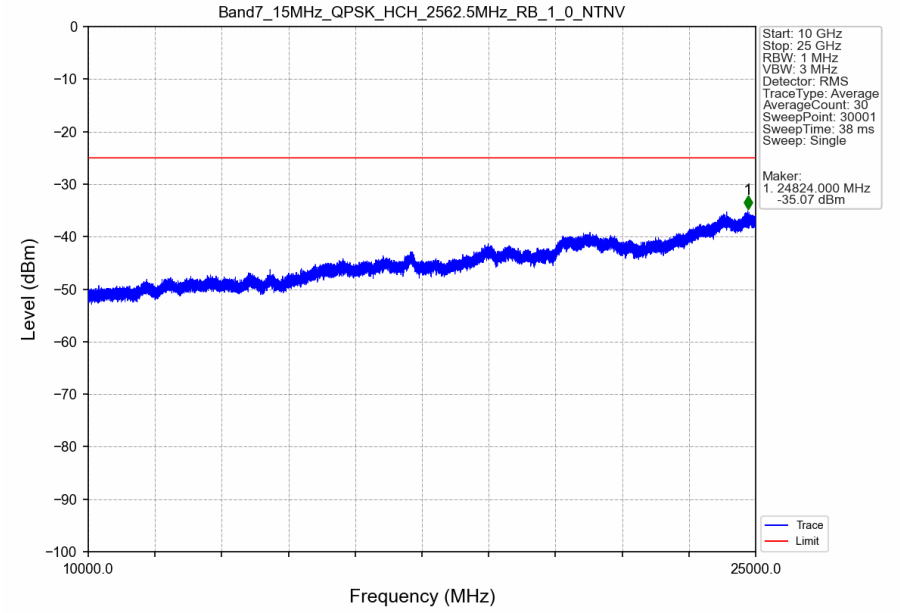
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



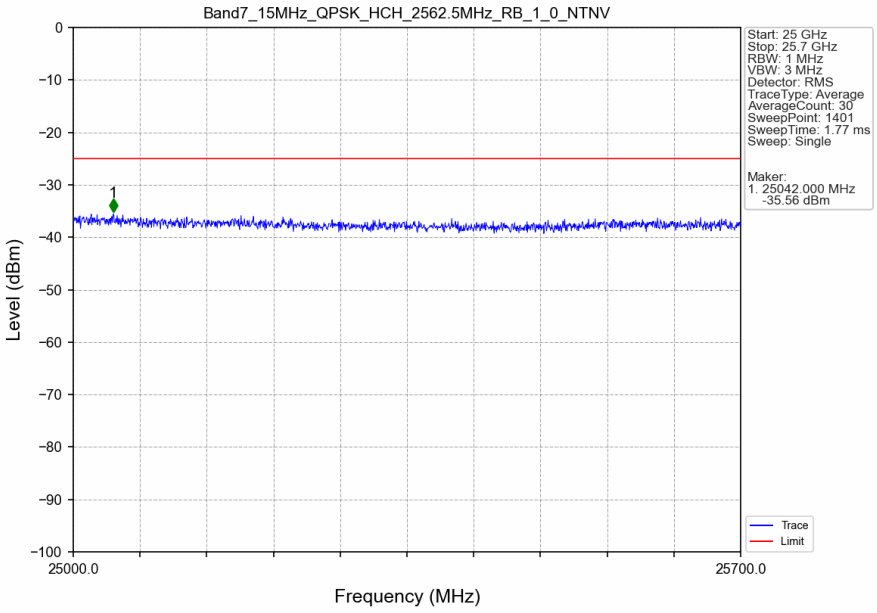
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



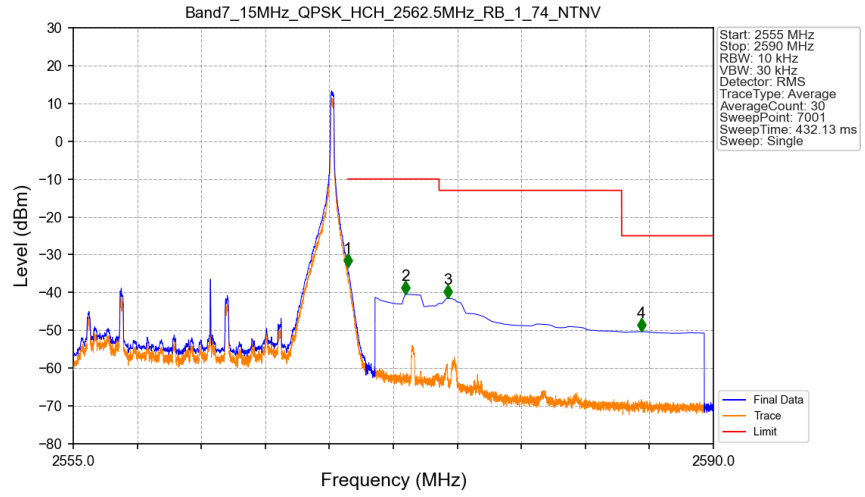
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

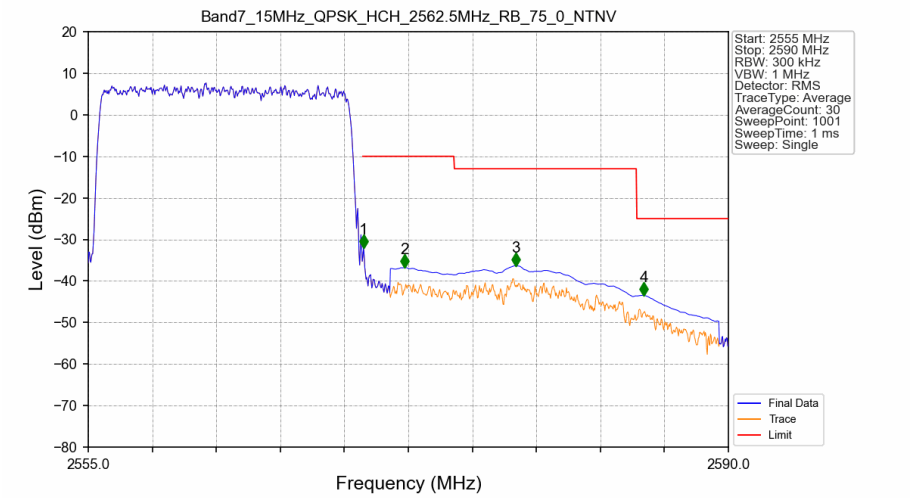


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



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	-33.30	-10	Pass
2571	2575	1	CHP	2	2573.175	-40.45	-10	Pass
2575	2584.98	1	CHP	3	2575.465	-41.53	-13	Pass
2584.98	2590	1	CHP	4	2586.065	-50.32	-25	Pass

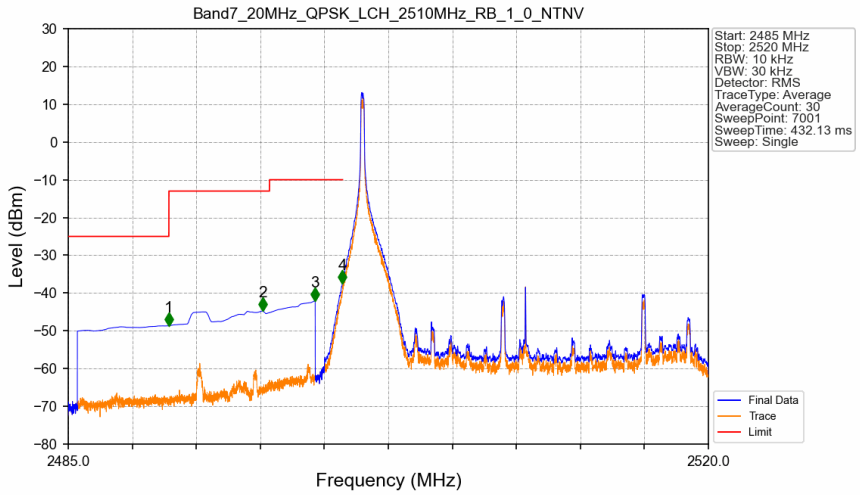
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.050	-32.00	-10	Pass
2571	2575	1	CHP	2	2572.290	-36.78	-10	Pass
2575	2584.98	1	CHP	3	2578.380	-36.33	-13	Pass
2584.98	2590	1	CHP	4	2585.380	-43.46	-25	Pass

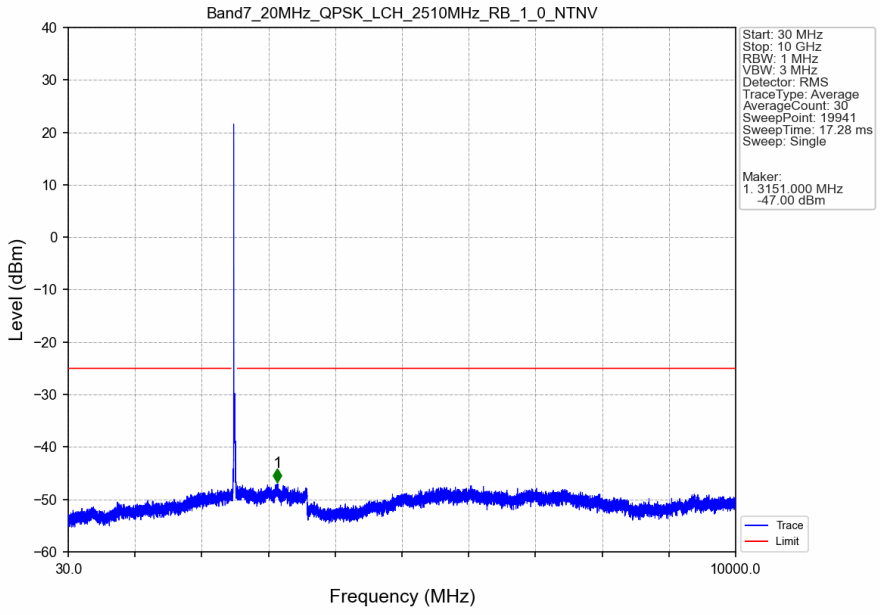
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

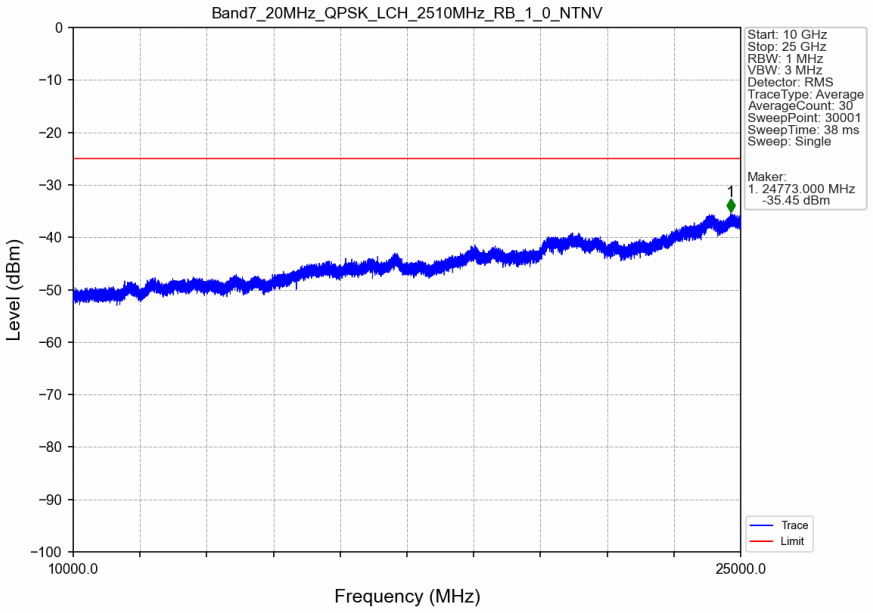


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-48.64	-25	Pass
2490.5	2496	1	CHP	2	2495.620	-44.71	-13	Pass
2496	2499	1	CHP	3	2498.500	-41.99	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-37.39	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

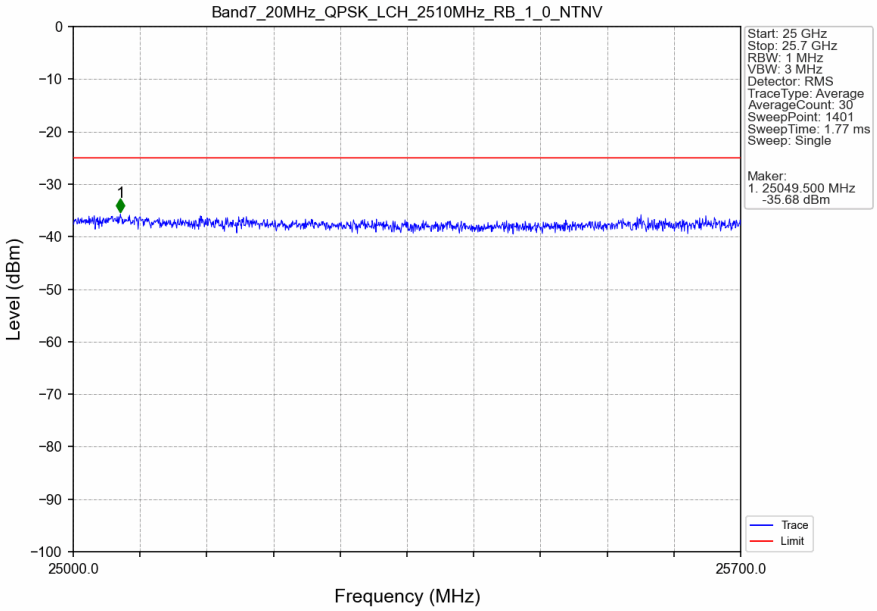
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



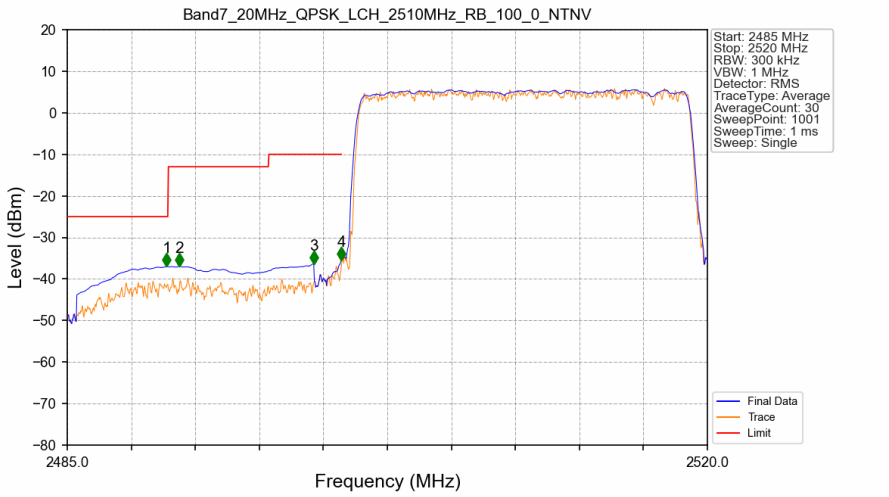
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

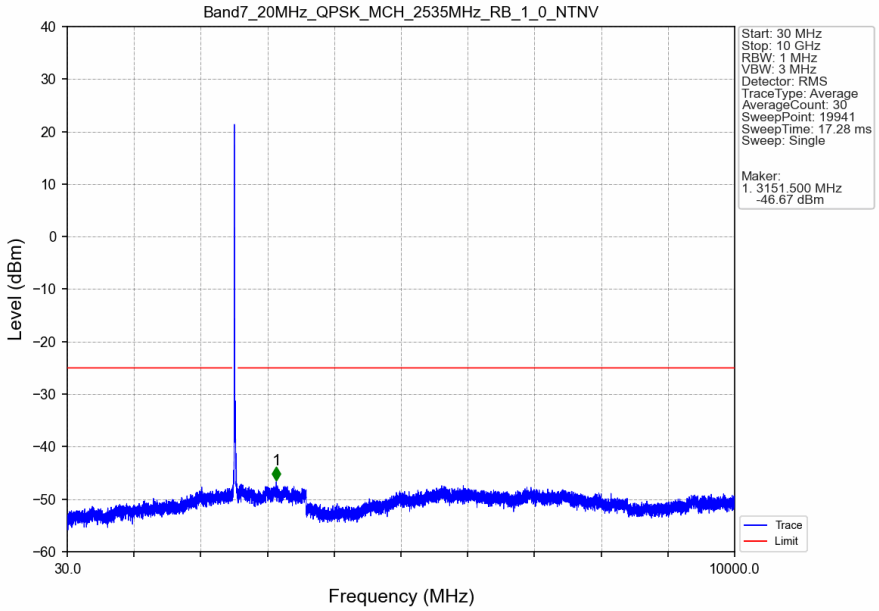


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

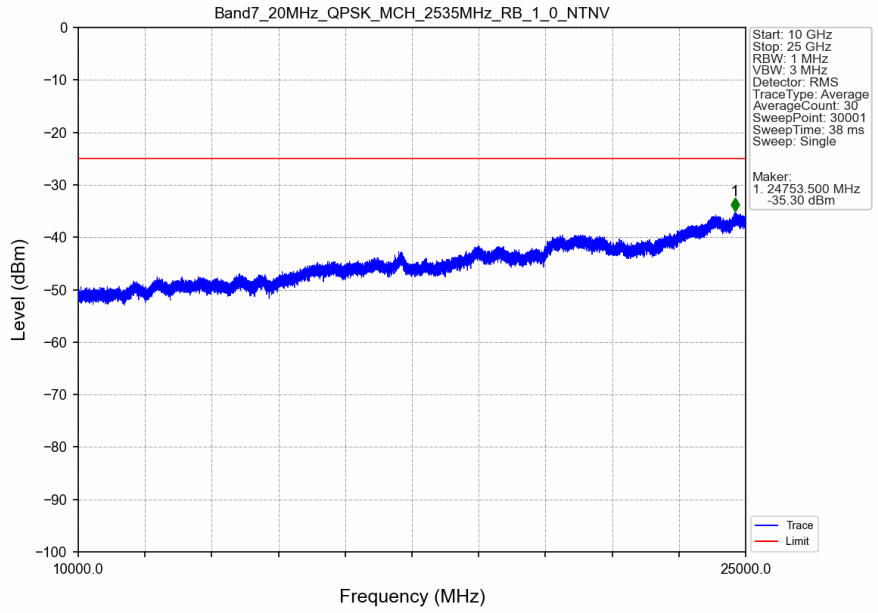


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.425	-37.02	-25	Pass
2490.5	2496	1	CHP	2	2491.125	-36.89	-13	Pass
2496	2499	1	CHP	3	2498.475	-36.34	-10	Pass
2499	2500	0.396	CHP	4	2499.980	-35.58	-10	Pass
2500	2520	0.396	CHP	/	/	/	/	/

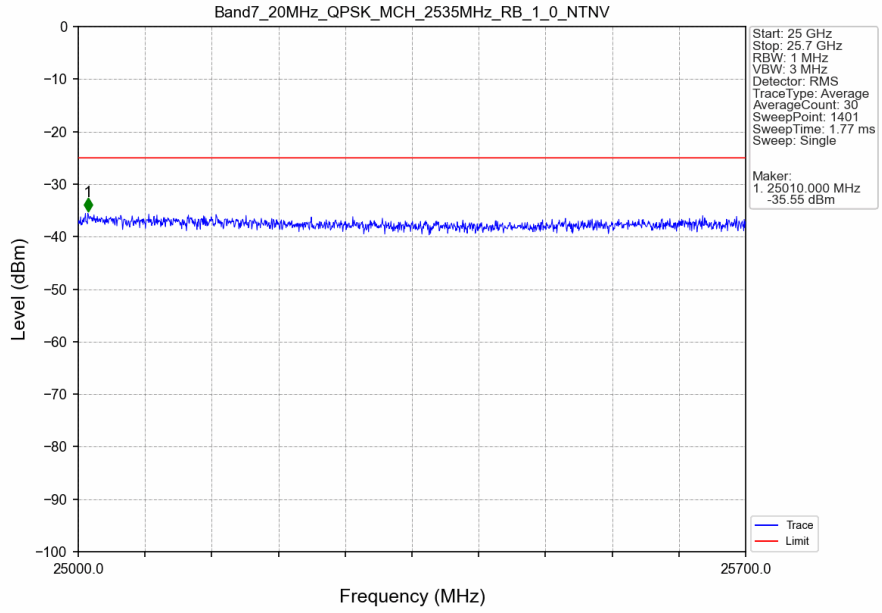
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



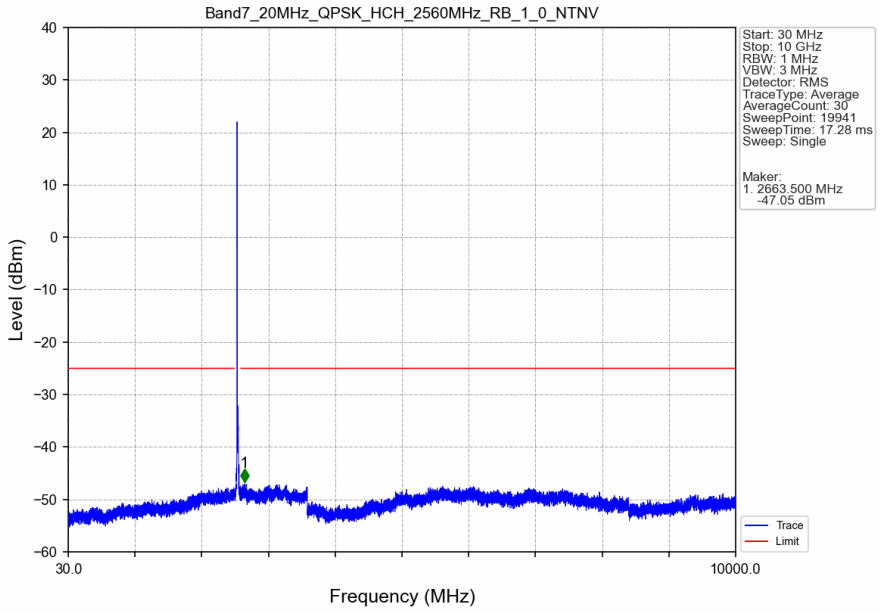
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



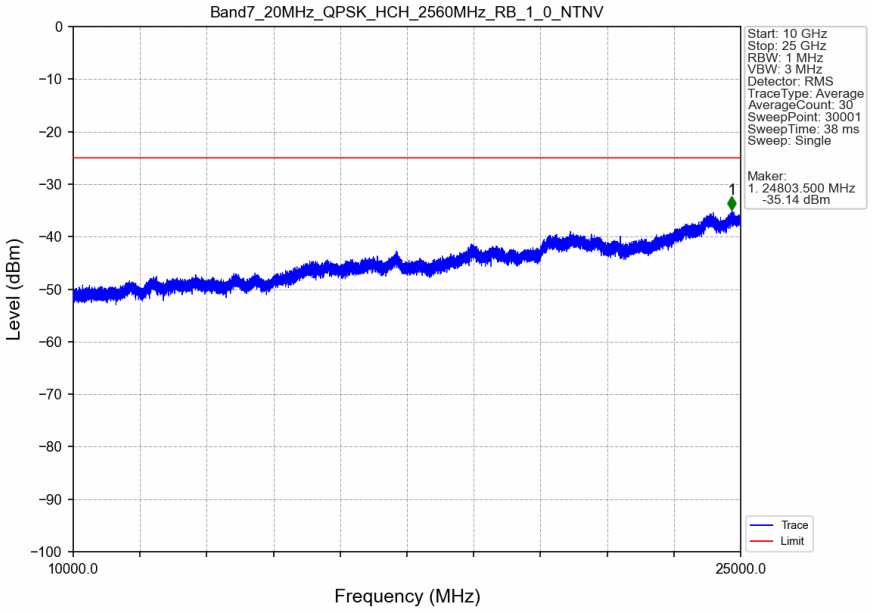
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



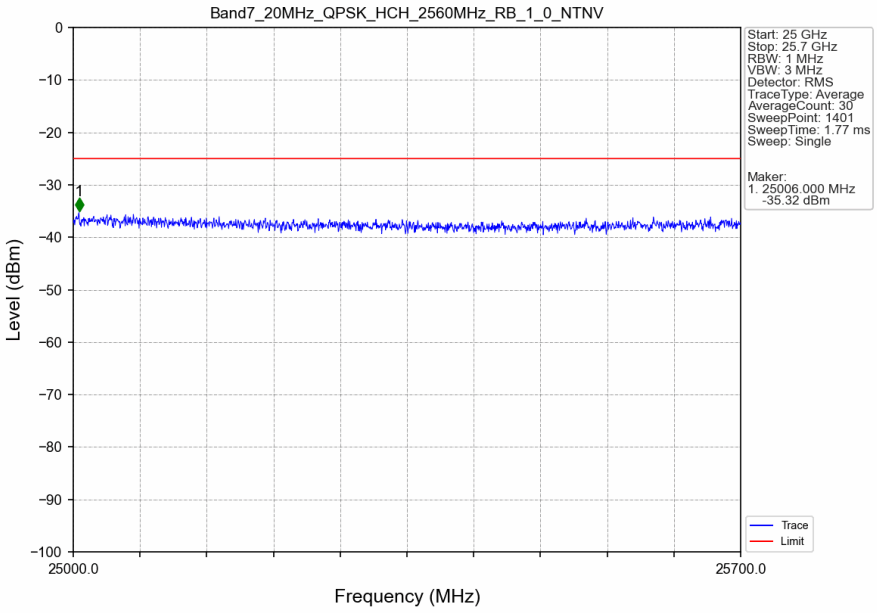
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



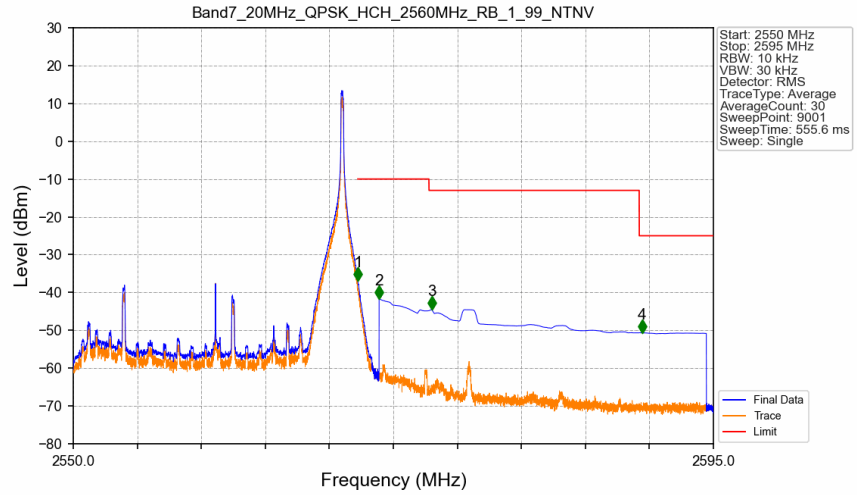
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

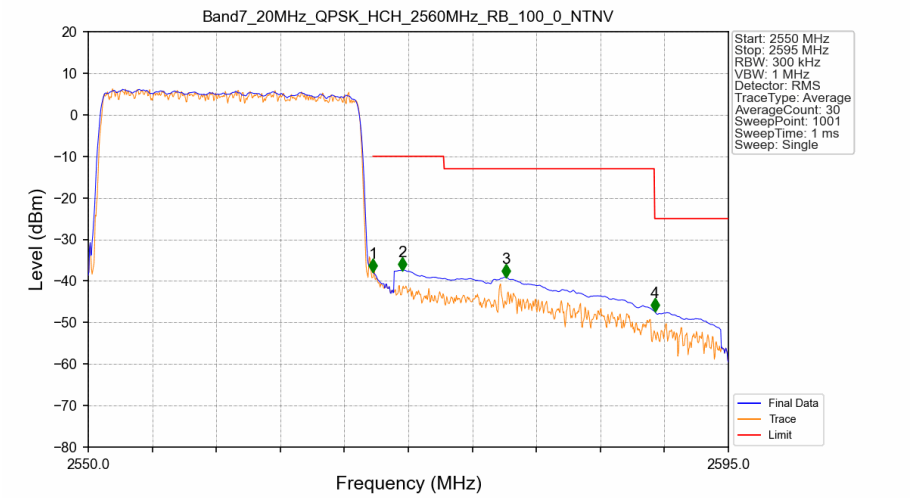


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



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	-36.95	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.59	-10	Pass
2575	2589.783	1	CHP	3	2575.195	-44.53	-13	Pass
2589.783	2595	1	CHP	4	2589.995	-50.63	-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	0.396	CHP	/	/	/	/	/
2570	2571	0.396	CHP	1	2570.025	-37.90	-10	Pass
2571	2575	1	CHP	2	2572.095	-37.42	-10	Pass
2575	2589.783	1	CHP	3	2579.340	-39.06	-13	Pass
2589.783	2595	1	CHP	4	2589.825	-47.41	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 7-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	-61.18	-25	-36.18	-66.75	4.57	10.14	Horizontal	Pass
7503.0	-59.82	-25	-34.82	-66.62	4.94	11.74	Horizontal	Pass
10004.0	-46.02	-25	-21.02	-53.59	5.46	13.03	Horizontal	Pass
5002.0	-58.06	-25	-33.06	-63.63	4.57	10.14	Vertical	Pass
7503.0	-58.55	-25	-33.55	-65.35	4.94	11.74	Vertical	Pass
10004.0	-43.84	-25	-18.84	-51.41	5.46	13.03	Vertical	Pass

LTE Band 7-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	-60.64	-25	-35.64	-66.22	4.59	10.17	Horizontal	Pass
7578.0	-59.54	-25	-34.54	-66.42	4.95	11.83	Horizontal	Pass
10104.0	-45.33	-25	-20.33	-52.9	5.48	13.05	Horizontal	Pass
5052.0	-58.59	-25	-33.59	-64.17	4.59	10.17	Vertical	Pass
7578.0	-59.1	-25	-34.1	-65.98	4.95	11.83	Vertical	Pass
10104.0	-41.55	-25	-16.55	-49.12	5.48	13.05	Vertical	Pass

LTE Band 7-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**
5104.741	-62.24	-25	-37.24	-67.84	4.6	10.2	Horizontal	Pass
7653.0	-59.5	-25	-34.5	-66.47	4.95	11.92	Horizontal	Pass
10204.0	-43.94	-25	-18.94	-51.52	5.49	13.07	Horizontal	Pass
5102.0	-59.95	-25	-34.95	-65.55	4.6	10.2	Vertical	Pass
7653.0	-58.86	-25	-33.86	-65.83	4.95	11.92	Vertical	Pass
10204.0	-41.35	-25	-16.35	-48.93	5.49	13.07	Vertical	Pass