

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	26.82	1.20	28.02	<=33.01	Pass
			24	26.79	1.20	27.99	<=33.01	Pass
		25	0	25.68	1.20	26.88	<=33.01	Pass
	2593	1	0	26.71	1.20	27.91	<=33.01	Pass
			24	26.68	1.20	27.88	<=33.01	Pass
		25	0	25.63	1.20	26.83	<=33.01	Pass
	2687.5	1	0	26.65	1.20	27.85	<=33.01	Pass
			24	26.70	1.20	27.90	<=33.01	Pass
		25	0	25.74	1.20	26.94	<=33.01	Pass
16QAM	2498.5	1	0	25.68	1.20	26.88	<=33.01	Pass
			24	25.72	1.20	26.92	<=33.01	Pass
		25	0	24.65	1.20	25.85	<=33.01	Pass
	2593	1	0	25.81	1.20	27.01	<=33.01	Pass
			24	25.54	1.20	26.74	<=33.01	Pass
		25	0	24.66	1.20	25.86	<=33.01	Pass
	2687.5	1	0	25.83	1.20	27.03	<=33.01	Pass
			24	25.84	1.20	27.04	<=33.01	Pass
		25	0	24.65	1.20	25.85	<=33.01	Pass
64QAM	2498.5	1	0	24.62	1.20	25.82	<=33.01	Pass
			24	24.64	1.20	25.84	<=33.01	Pass
		25	0	23.60	1.20	24.80	<=33.01	Pass
	2593	1	0	24.67	1.20	25.87	<=33.01	Pass
			24	24.65	1.20	25.85	<=33.01	Pass
		25	0	23.49	1.20	24.69	<=33.01	Pass
	2687.5	1	0	24.67	1.20	25.87	<=33.01	Pass
			24	24.84	1.20	26.04	<=33.01	Pass
		25	0	23.74	1.20	24.94	<=33.01	Pass
256QAM	2498.5	1	0	21.52	1.20	22.72	<=33.01	Pass
			24	21.80	1.20	23.00	<=33.01	Pass
		25	0	21.68	1.20	22.88	<=33.01	Pass
	2593	1	0	21.80	1.20	23.00	<=33.01	Pass
			24	21.56	1.20	22.76	<=33.01	Pass
		25	0	21.46	1.20	22.66	<=33.01	Pass
	2687.5	1	0	21.82	1.20	23.02	<=33.01	Pass
			24	21.71	1.20	22.91	<=33.01	Pass
		25	0	21.63	1.20	22.83	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	24.43	1.20	25.63	<=33.01	Pass
			49	25.10	1.20	26.30	<=33.01	Pass
		50	0	24.45	1.20	25.65	<=33.01	Pass
	2593	1	0	26.73	1.20	27.93	<=33.01	Pass

			49	26.57	1.20	27.77	<=33.01	Pass
		50	0	25.57	1.20	26.77	<=33.01	Pass
	2685	1	0	26.76	1.20	27.96	<=33.01	Pass
			49	26.79	1.20	27.99	<=33.01	Pass
	50	0	25.59	1.20	26.79	<=33.01	Pass	
16QAM	2501	1	0	25.09	1.20	26.29	<=33.01	Pass
			49	25.10	1.20	26.30	<=33.01	Pass
		50	0	24.59	1.20	25.79	<=33.01	Pass
	2593	1	0	25.73	1.20	26.93	<=33.01	Pass
			49	25.53	1.20	26.73	<=33.01	Pass
		50	0	24.56	1.20	25.76	<=33.01	Pass
	2685	1	0	25.78	1.20	26.98	<=33.01	Pass
			49	25.74	1.20	26.94	<=33.01	Pass
		50	0	24.67	1.20	25.87	<=33.01	Pass
64QAM	2501	1	0	25.09	1.20	26.29	<=33.01	Pass
			49	24.59	1.20	25.79	<=33.01	Pass
		50	0	24.44	1.20	25.64	<=33.01	Pass
	2593	1	0	24.57	1.20	25.77	<=33.01	Pass
			49	24.83	1.20	26.03	<=33.01	Pass
		50	0	23.50	1.20	24.70	<=33.01	Pass
	2685	1	0	24.96	1.20	26.16	<=33.01	Pass
			49	25.01	1.20	26.21	<=33.01	Pass
		50	0	23.69	1.20	24.89	<=33.01	Pass
256QAM	2501	1	0	21.62	1.20	22.82	<=33.01	Pass
			49	21.68	1.20	22.88	<=33.01	Pass
		50	0	21.66	1.20	22.86	<=33.01	Pass
	2593	1	0	21.89	1.20	23.09	<=33.01	Pass
			49	21.59	1.20	22.79	<=33.01	Pass
		50	0	21.50	1.20	22.70	<=33.01	Pass
	2685	1	0	21.86	1.20	23.06	<=33.01	Pass
			49	21.85	1.20	23.05	<=33.01	Pass
		50	0	21.67	1.20	22.87	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	25.07	1.20	26.27	<=33.01	Pass
			74	24.98	1.20	26.18	<=33.01	Pass
		75	0	24.42	1.20	25.62	<=33.01	Pass
	2593	1	0	26.60	1.20	27.80	<=33.01	Pass
			74	26.50	1.20	27.70	<=33.01	Pass
		75	0	25.57	1.20	26.77	<=33.01	Pass
	2682.5	1	0	26.79	1.20	27.99	<=33.01	Pass
			74	26.69	1.20	27.89	<=33.01	Pass
		75	0	25.71	1.20	26.91	<=33.01	Pass
16QAM	2503.5	1	0	25.07	1.20	26.27	<=33.01	Pass
			74	24.42	1.20	25.62	<=33.01	Pass
		75	0	24.56	1.20	25.76	<=33.01	Pass
	2593	1	0	25.61	1.20	26.81	<=33.01	Pass
			74	25.49	1.20	26.69	<=33.01	Pass
		75	0	24.59	1.20	25.79	<=33.01	Pass
	2682.5	1	0	25.71	1.20	26.91	<=33.01	Pass
			74	25.93	1.20	27.13	<=33.01	Pass
		75	0	24.60	1.20	25.80	<=33.01	Pass

64QAM	2503.5	1	0	24.43	1.20	25.63	<=33.01	Pass
			74	25.06	1.20	26.26	<=33.01	Pass
		75	0	24.42	1.20	25.62	<=33.01	Pass
	2593	1	0	24.88	1.20	26.08	<=33.01	Pass
			74	24.92	1.20	26.12	<=33.01	Pass
		75	0	23.61	1.20	24.81	<=33.01	Pass
	2682.5	1	0	24.64	1.20	25.84	<=33.01	Pass
			74	25.01	1.20	26.21	<=33.01	Pass
		75	0	23.69	1.20	24.89	<=33.01	Pass
256QAM	2503.5	1	0	21.86	1.20	23.06	<=33.01	Pass
			74	21.83	1.20	23.03	<=33.01	Pass
		75	0	21.65	1.20	22.85	<=33.01	Pass
	2593	1	0	21.68	1.20	22.88	<=33.01	Pass
			74	21.78	1.20	22.98	<=33.01	Pass
		75	0	21.56	1.20	22.76	<=33.01	Pass
	2682.5	1	0	21.87	1.20	23.07	<=33.01	Pass
			74	21.90	1.20	23.10	<=33.01	Pass
		75	0	21.71	1.20	22.91	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	25.35	1.20	26.55	<=33.01	Pass
			99	24.70	1.20	25.90	<=33.01	Pass
		100	0	24.68	1.20	25.88	<=33.01	Pass
	2593	1	0	26.67	1.20	27.87	<=33.01	Pass
			99	26.48	1.20	27.68	<=33.01	Pass
		100	0	25.64	1.20	26.84	<=33.01	Pass
	2680	1	0	26.53	1.20	27.73	<=33.01	Pass
			99	26.78	1.20	27.98	<=33.01	Pass
		100	0	25.76	1.20	26.96	<=33.01	Pass
16QAM	2506	1	0	24.44	1.20	25.64	<=33.01	Pass
			99	25.36	1.20	26.56	<=33.01	Pass
		100	0	24.72	1.20	25.92	<=33.01	Pass
	2593	1	0	25.68	1.20	26.88	<=33.01	Pass
			99	25.53	1.20	26.73	<=33.01	Pass
		100	0	24.54	1.20	25.74	<=33.01	Pass
	2680	1	0	25.77	1.20	26.97	<=33.01	Pass
			99	25.84	1.20	27.04	<=33.01	Pass
		100	0	24.64	1.20	25.84	<=33.01	Pass
64QAM	2506	1	0	25.35	1.20	26.55	<=33.01	Pass
			99	25.35	1.20	26.55	<=33.01	Pass
		100	0	25.36	1.20	26.56	<=33.01	Pass
	2593	1	0	24.75	1.20	25.95	<=33.01	Pass
			99	24.43	1.20	25.63	<=33.01	Pass
		100	0	23.54	1.20	24.74	<=33.01	Pass
	2680	1	0	24.63	1.20	25.83	<=33.01	Pass
			99	24.72	1.20	25.92	<=33.01	Pass
		100	0	23.68	1.20	24.88	<=33.01	Pass
256QAM	2506	1	0	21.98	1.20	23.18	<=33.01	Pass
			99	22.02	1.20	23.22	<=33.01	Pass
		100	0	21.64	1.20	22.84	<=33.01	Pass
	2593	1	0	21.66	1.20	22.86	<=33.01	Pass
			99	21.80	1.20	23.00	<=33.01	Pass

	2680	100	0	21.55	1.20	22.75	<=33.01	Pass
		1	0	22.01	1.20	23.21	<=33.01	Pass
			99	22.07	1.20	23.27	<=33.01	Pass
		100	0	21.73	1.20	22.93	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	LV	-4.091	-0.0016	-2.5 to 2.5	Pass
					NV	-4.520	-0.0017	-2.5 to 2.5	Pass
					HV	-2.890	-0.0011	-2.5 to 2.5	Pass
				-30	NV	-5.264	-0.0020	-2.5 to 2.5	Pass
				-20	NV	-2.360	-0.0009	-2.5 to 2.5	Pass
				-10	NV	-4.907	-0.0019	-2.5 to 2.5	Pass
				0	NV	-3.219	-0.0012	-2.5 to 2.5	Pass
				10	NV	-5.107	-0.0020	-2.5 to 2.5	Pass
				30	NV	-6.137	-0.0024	-2.5 to 2.5	Pass
				40	NV	2.947	0.0011	-2.5 to 2.5	Pass
				50	NV	-4.706	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

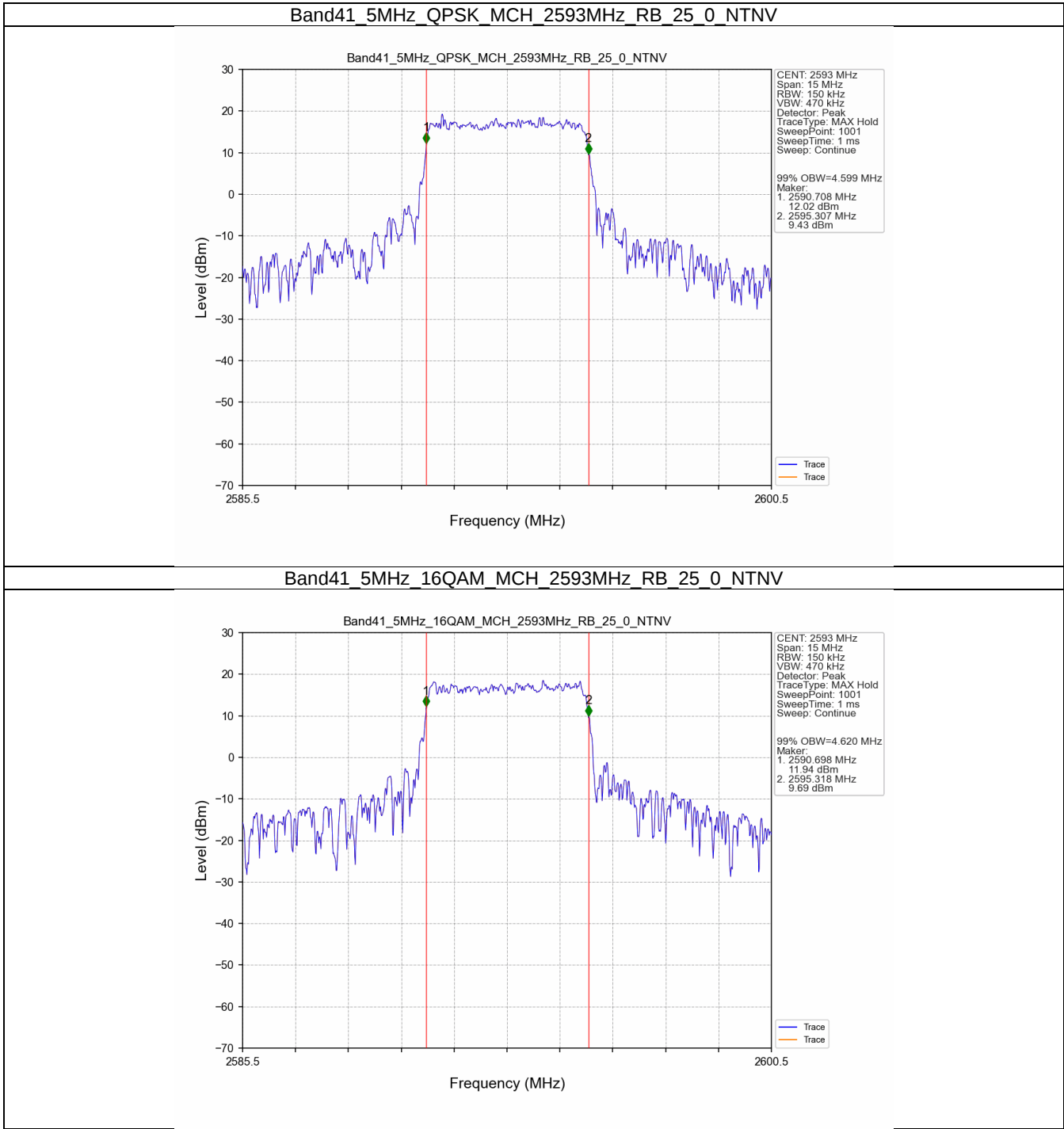
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.599	/	Pass
	16QAM	2593	25	0	4.620	/	Pass
10	QPSK	2593	50	0	9.171	/	Pass
	16QAM	2593	50	0	9.695	/	Pass
15	QPSK	2593	75	0	13.580	/	Pass
	16QAM	2593	75	0	14.107	/	Pass
20	QPSK	2593	100	0	18.442	/	Pass
	16QAM	2593	100	0	18.382	/	Pass

3.1.2 Band41_XDB

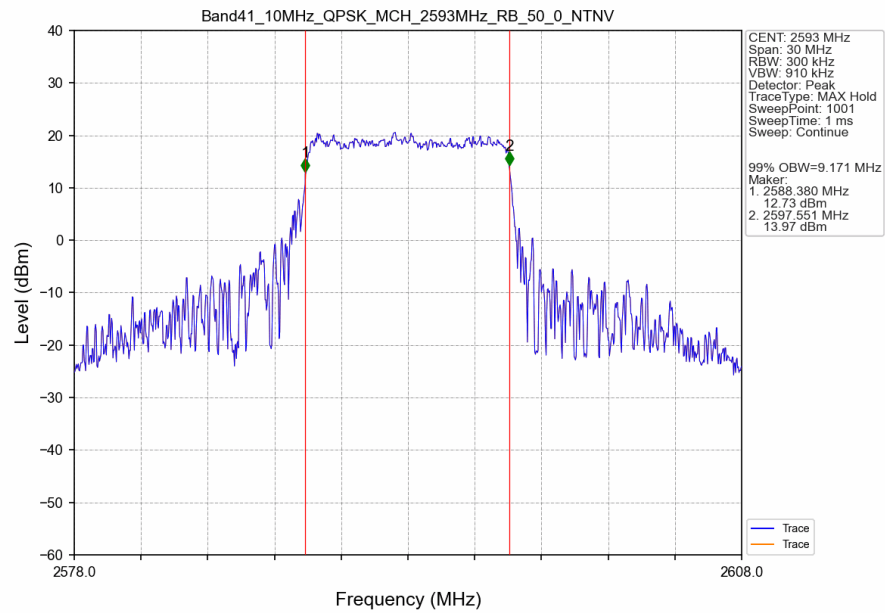
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	6.431	/	Pass
	16QAM	2593	25	0	6.882	/	Pass
10	QPSK	2593	50	0	13.220	/	Pass
	16QAM	2593	50	0	18.650	/	Pass
15	QPSK	2593	75	0	17.502	/	Pass
	16QAM	2593	75	0	23.339	/	Pass
20	QPSK	2593	100	0	29.564	/	Pass
	16QAM	2593	100	0	31.486	/	Pass

3.2 Test Graph

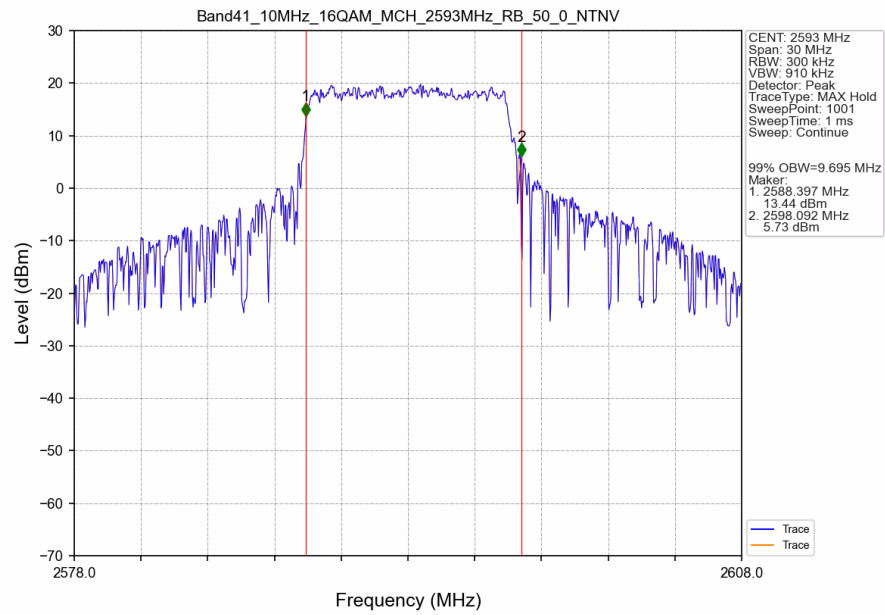
3.2.1 Band41_OBW



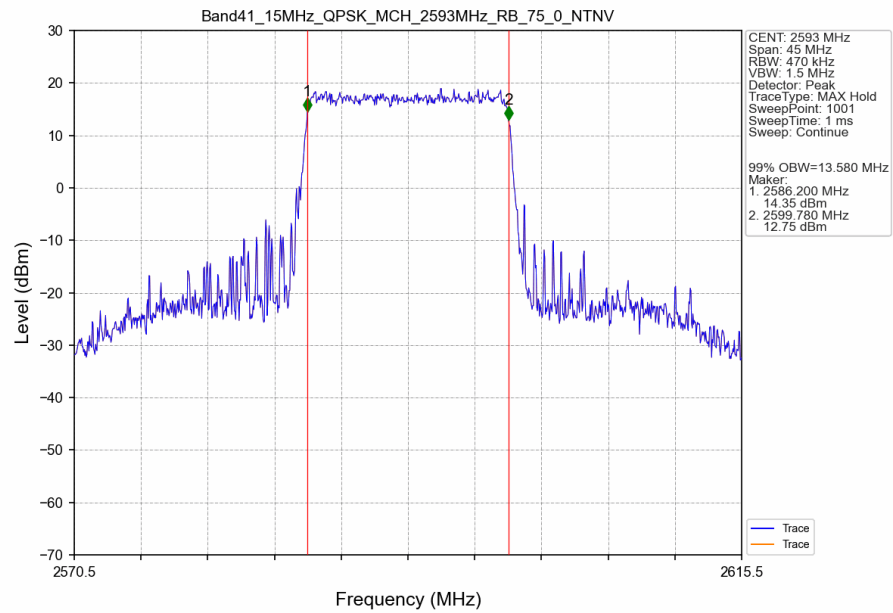
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



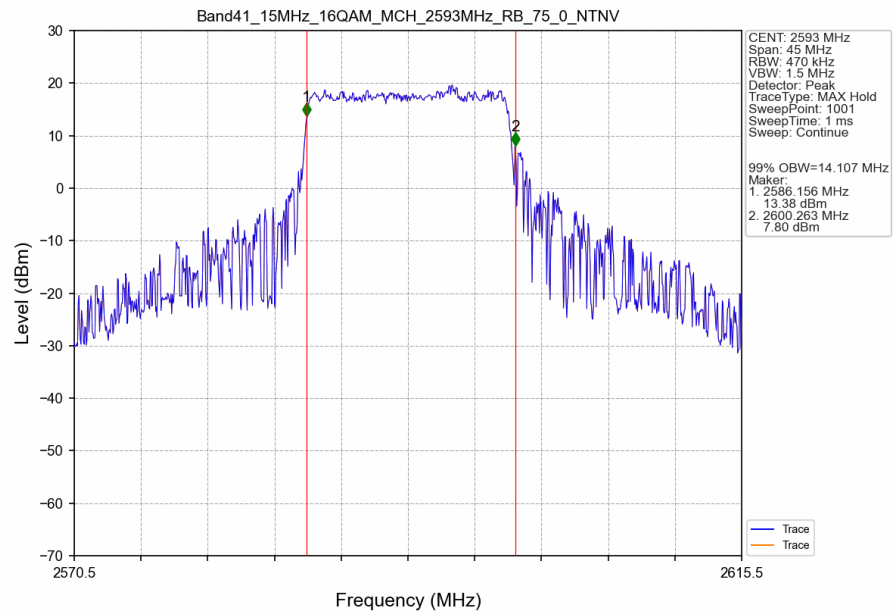
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



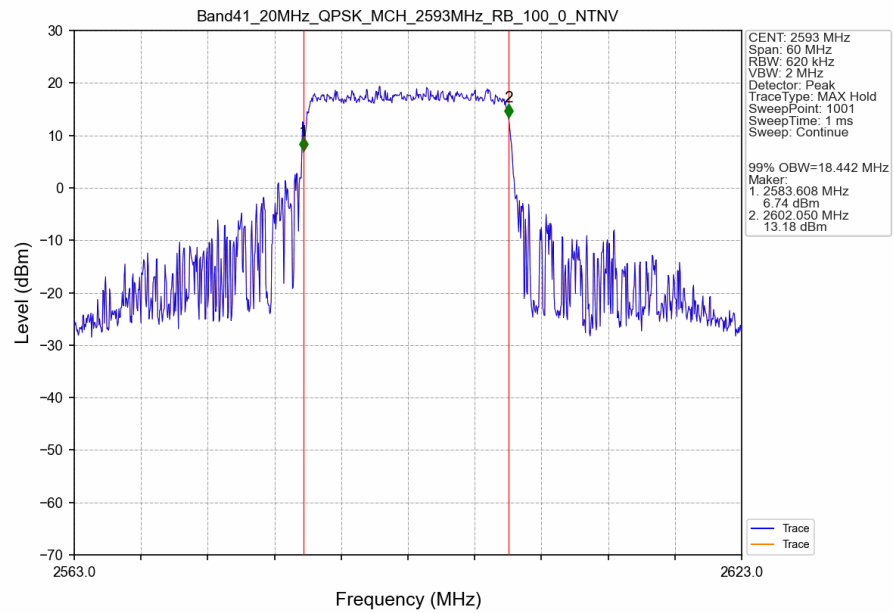
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTV



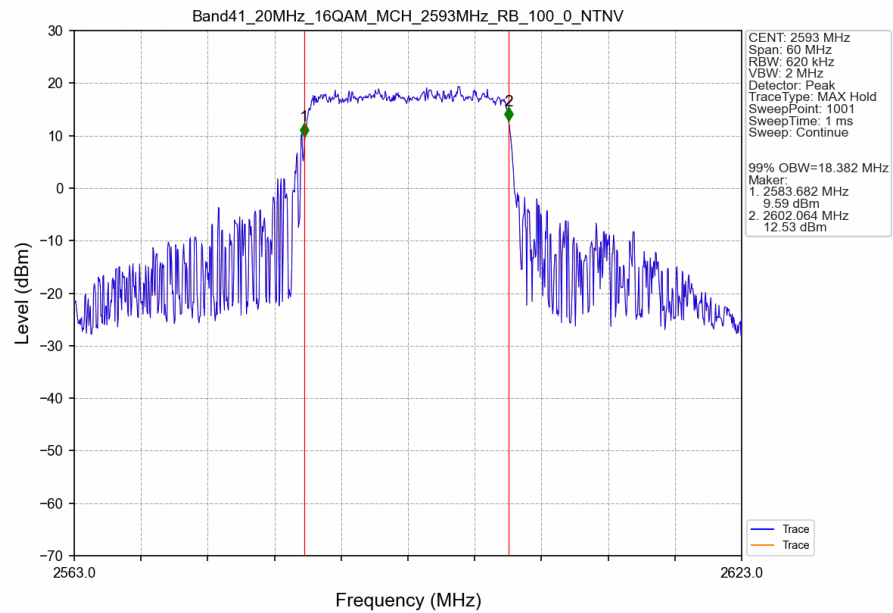
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTV



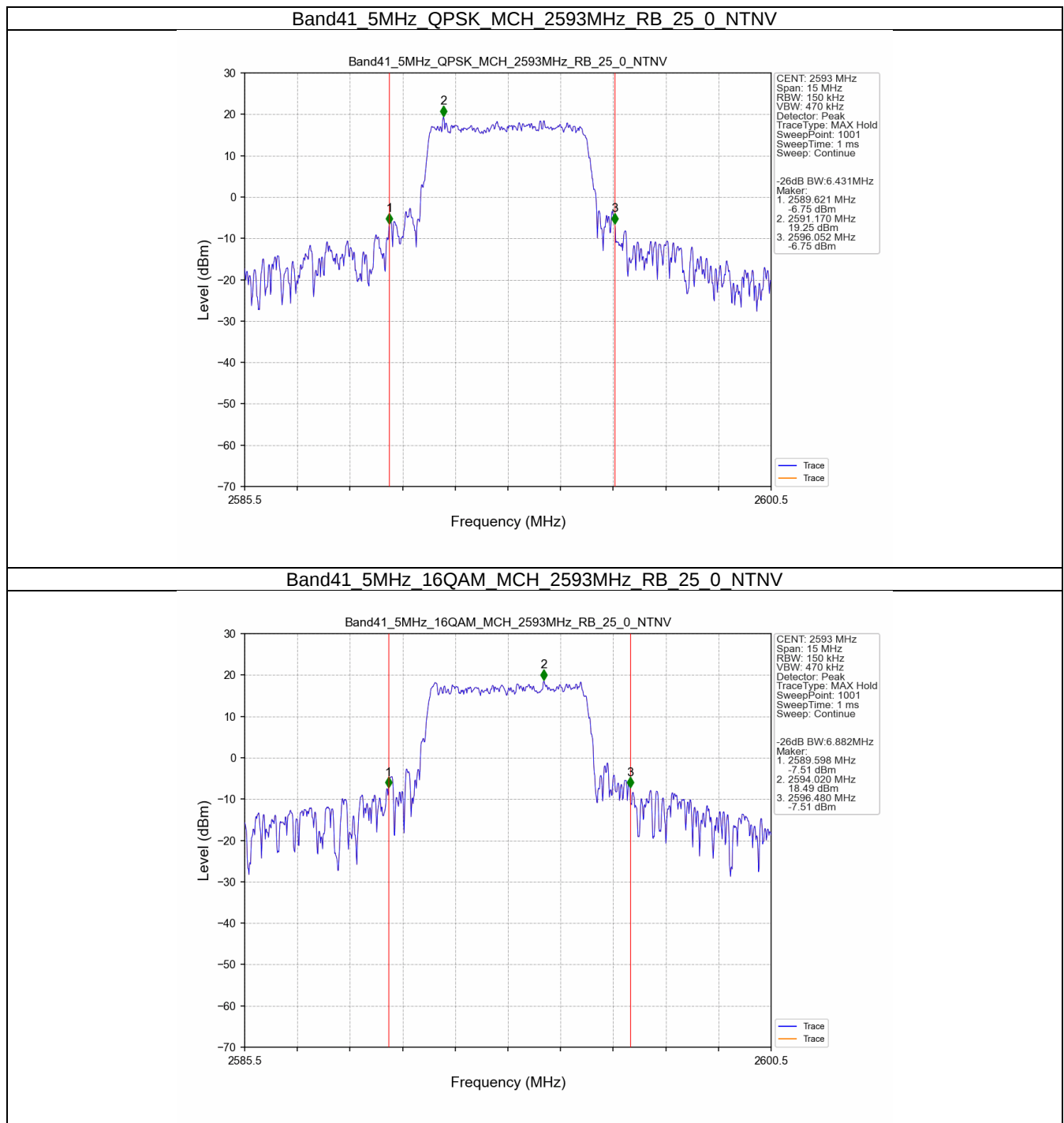
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



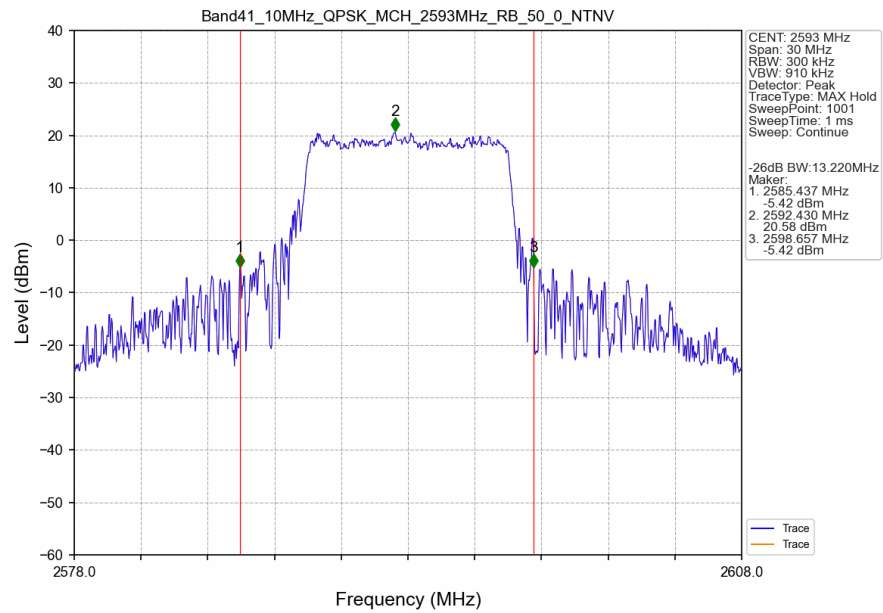
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



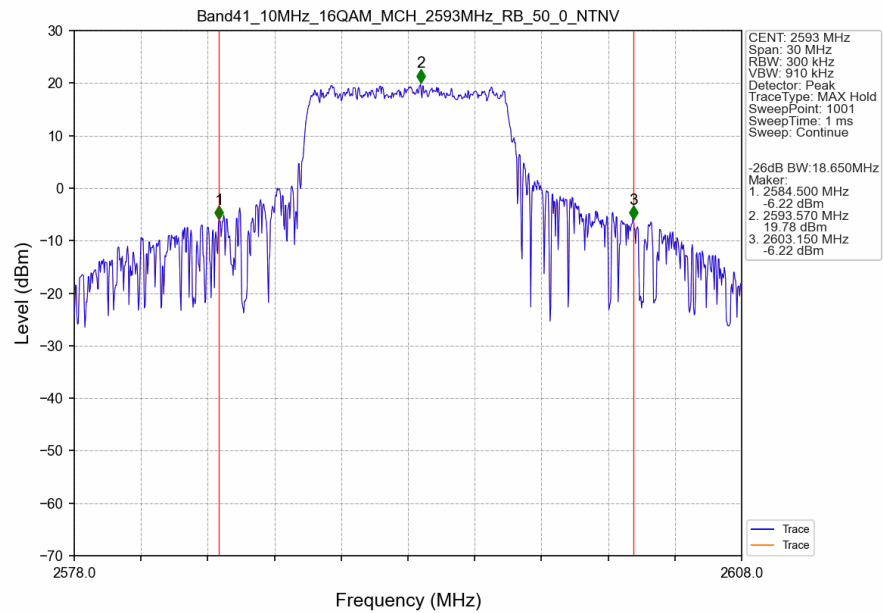
3.2.2 Band41_XDB



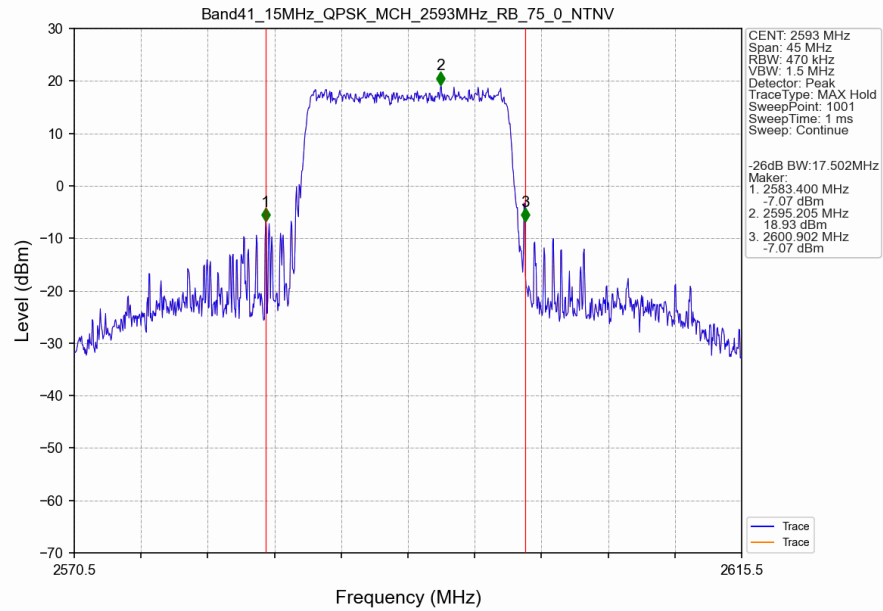
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTN



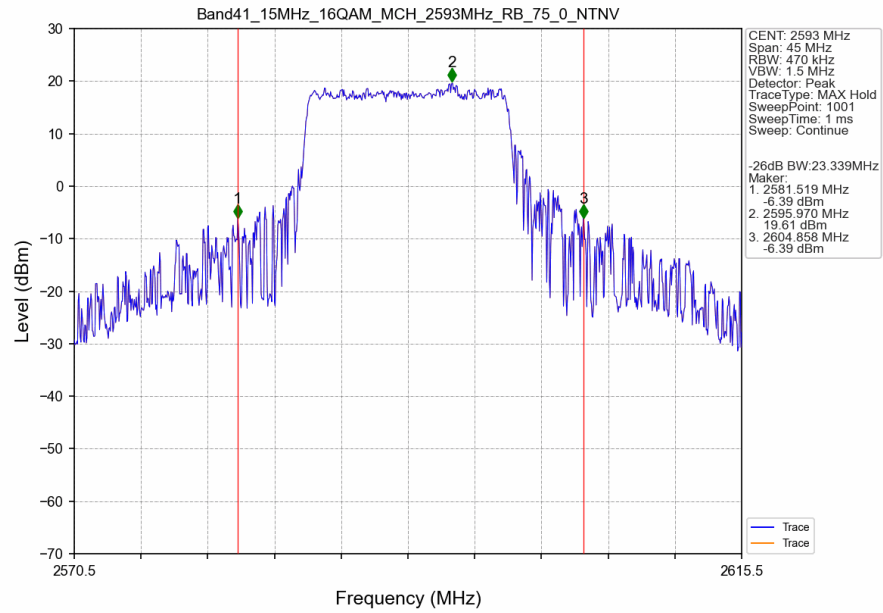
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



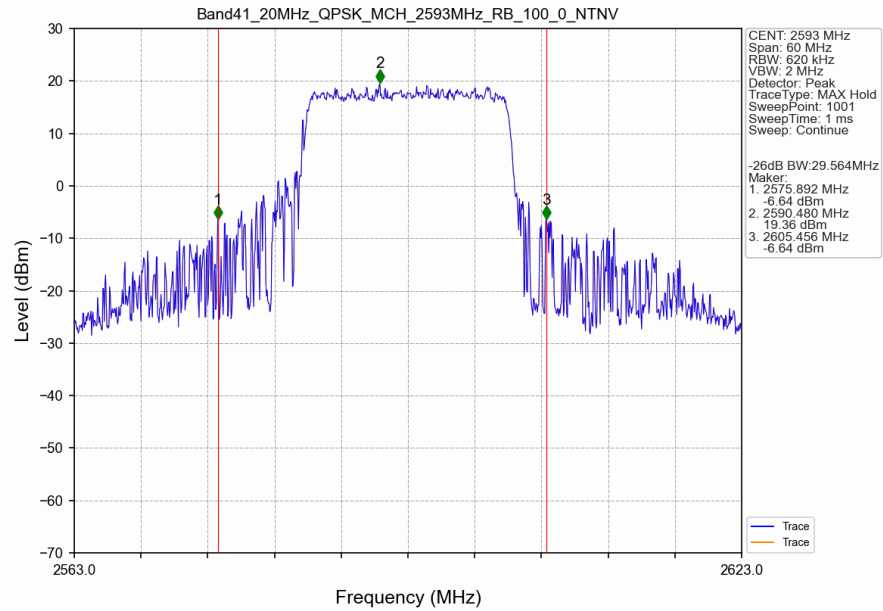
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



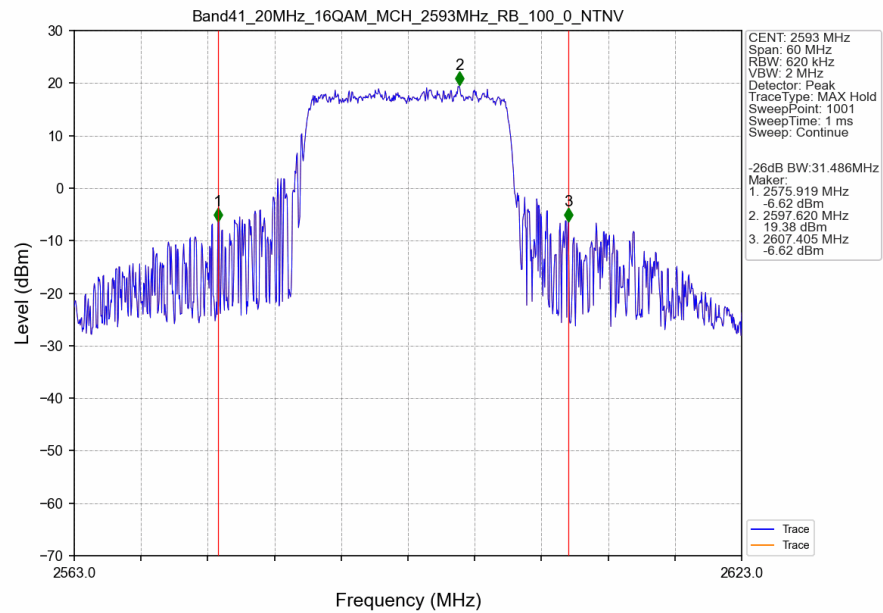
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



4. Peak-Average Ratio

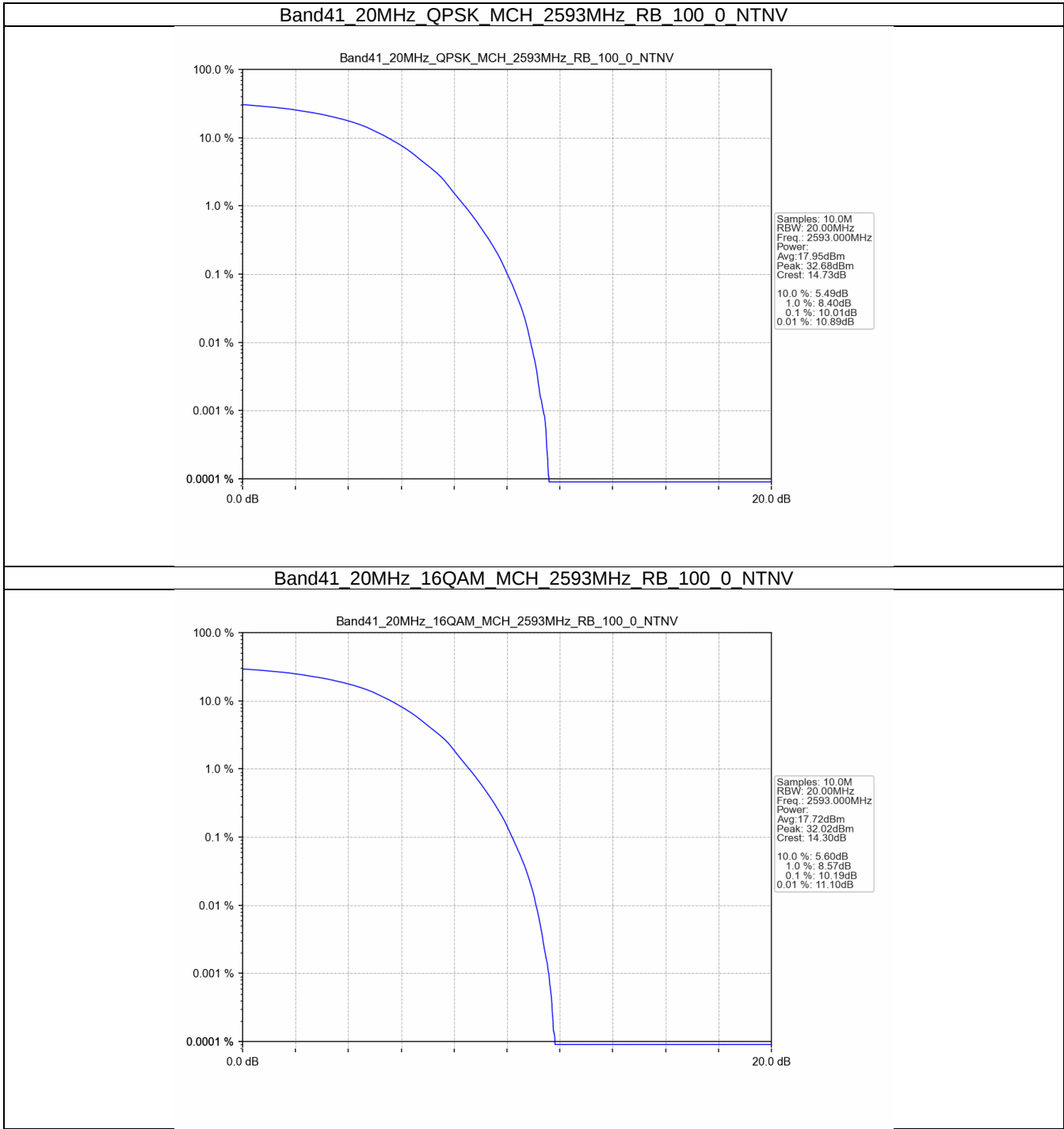
4.1 Test Result

4.1.1 B41_20MHz

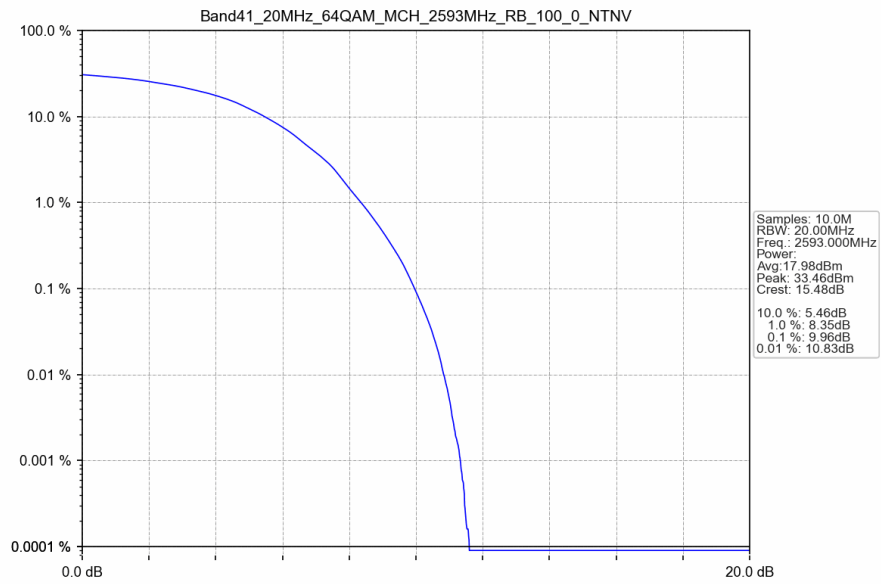
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	10.01	<=13	Pass
16QAM	2593	100	0	10.19	<=13	Pass
64QAM	2593	100	0	9.96	<=13	Pass
256QAM	2593	100	0	9.94	<=13	Pass

4.2 Test Graph

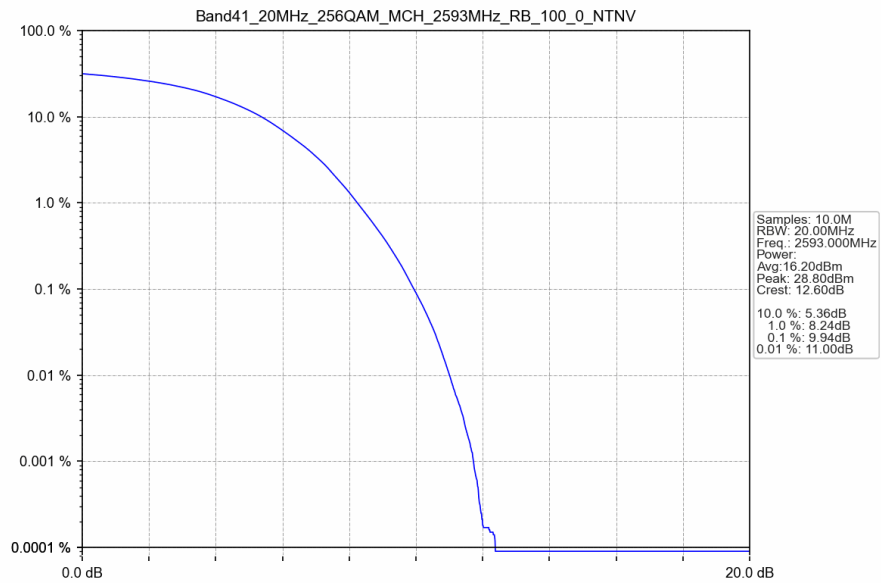
4.2.1 B41_20MHz



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

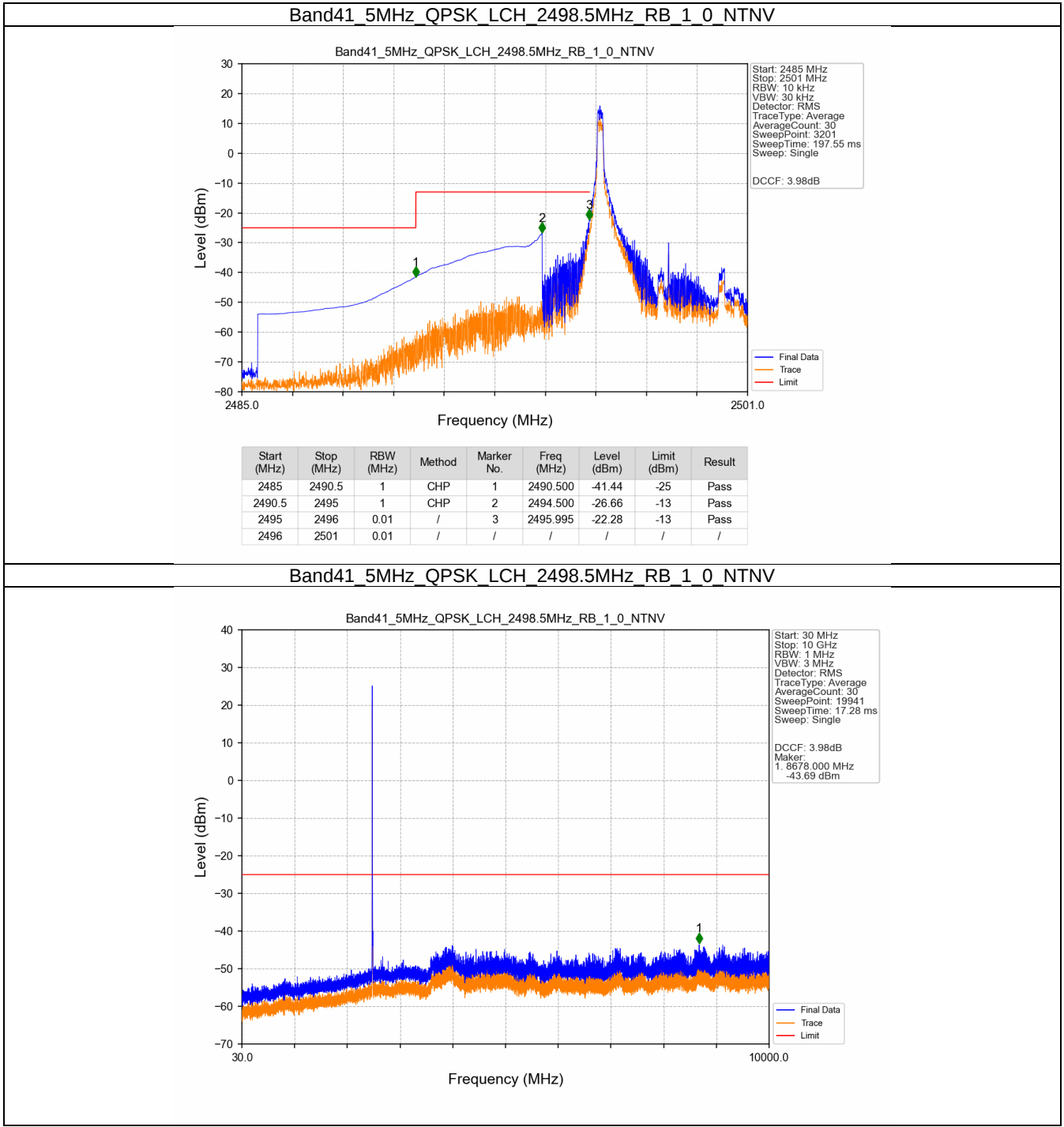
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B41_20MHz

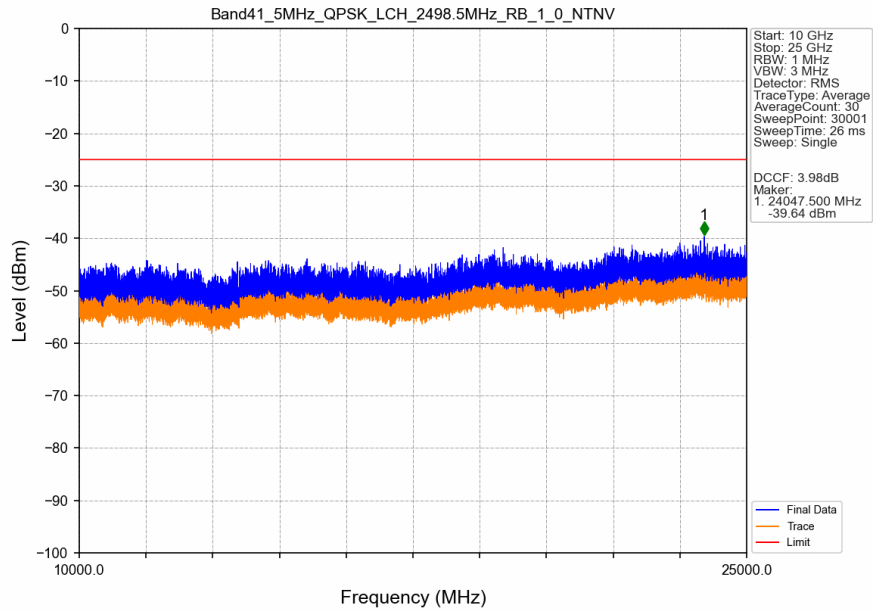
Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

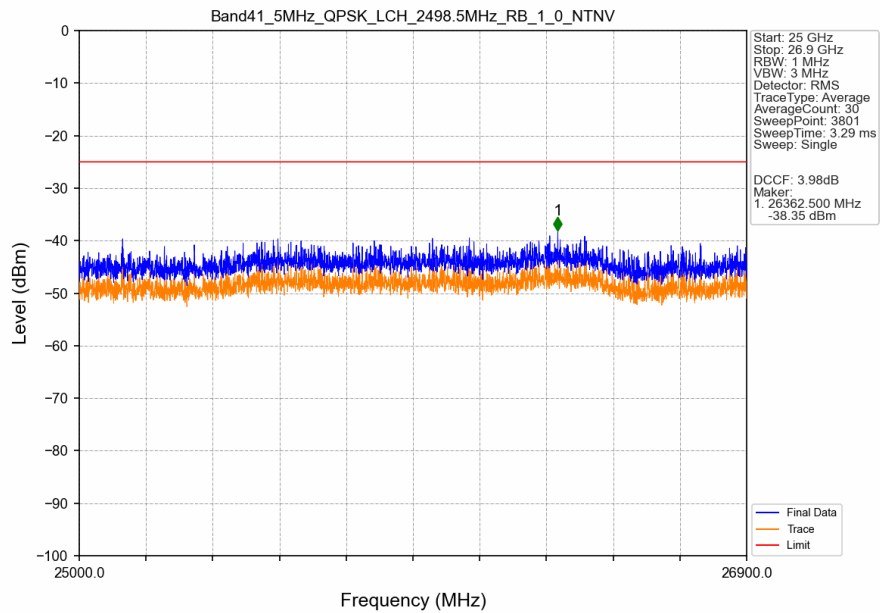
5.2.1 B41_5MHz



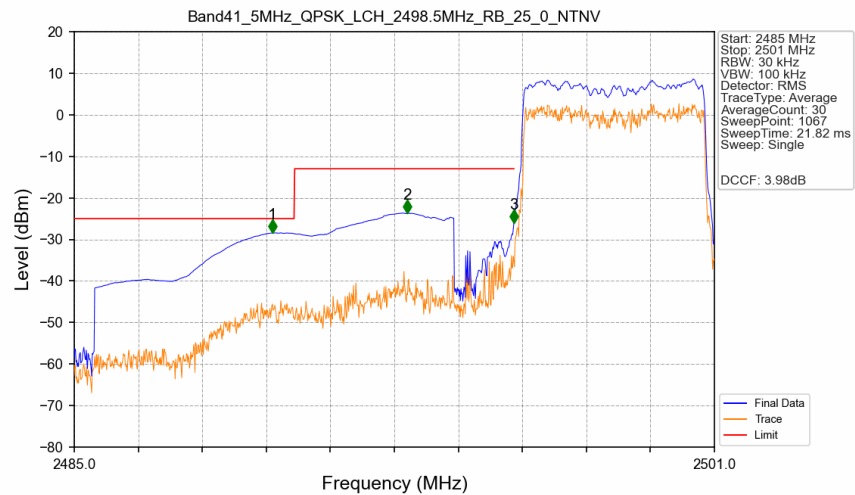
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

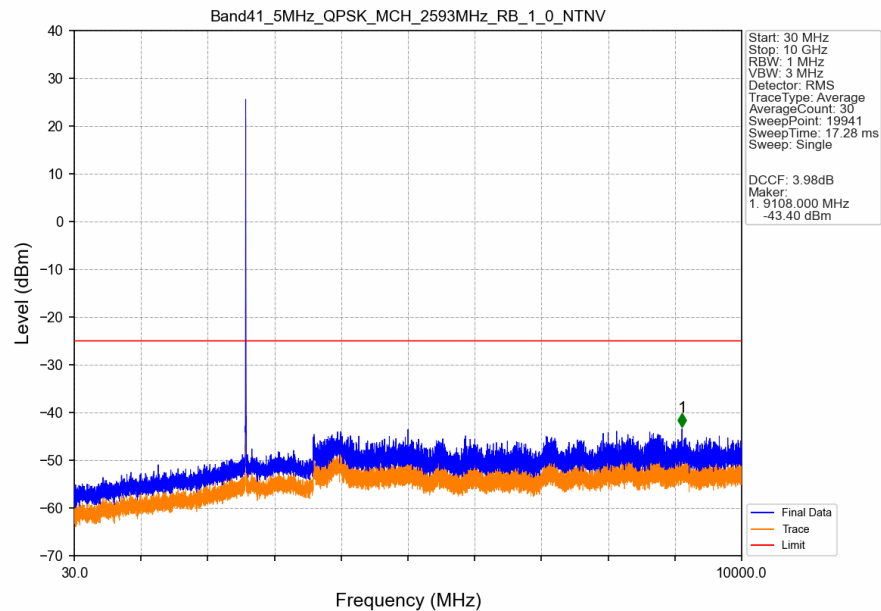


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

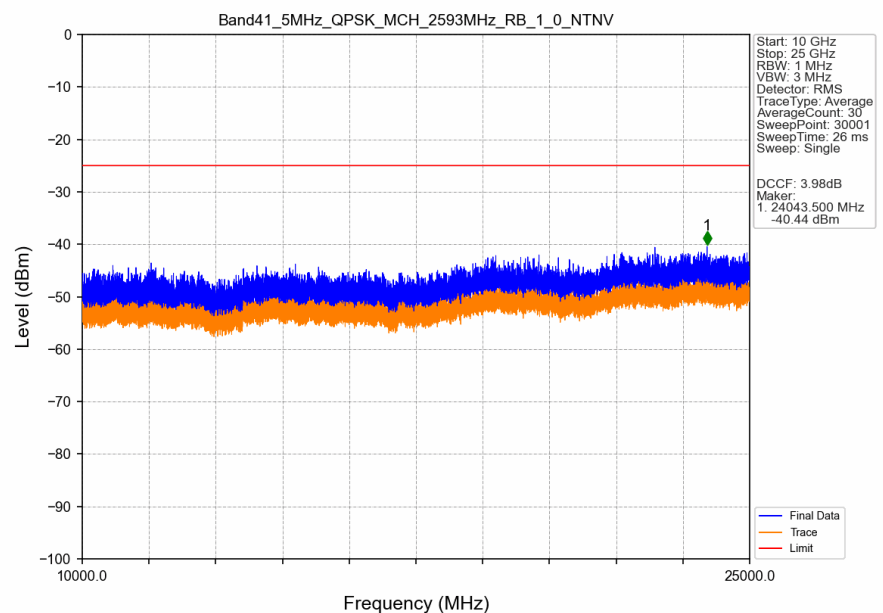


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.953	-28.42	-25	Pass
2490.5	2495	1	CHP	2	2493.330	-23.64	-13	Pass
2495	2496	0.064	CHP	3	2495.987	-26.05	-13	Pass
2496	2501	0.064	CHP	/	/	/	/	/

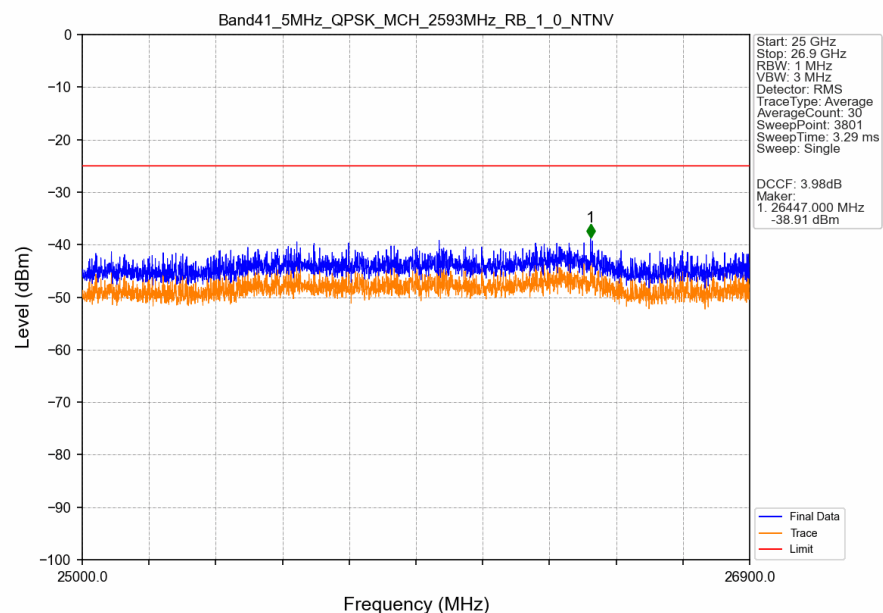
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



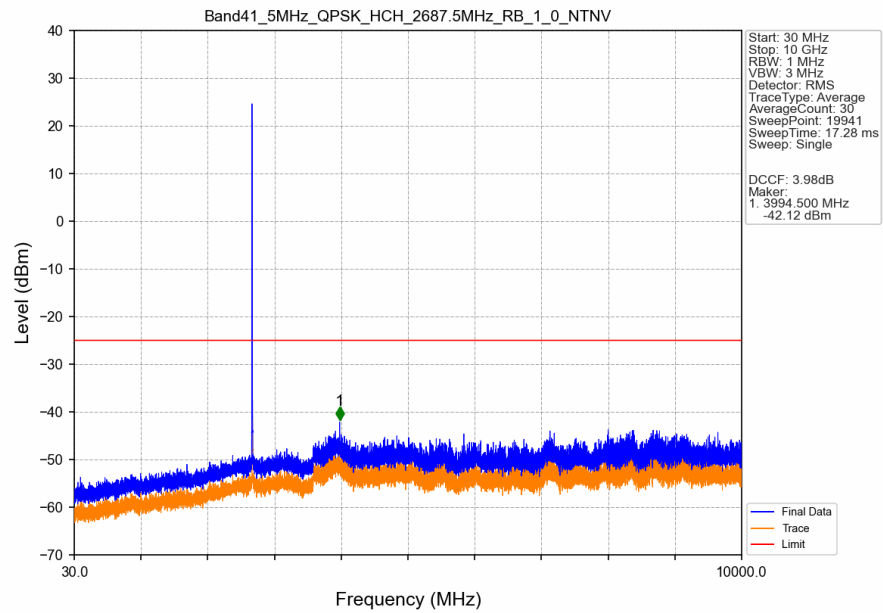
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



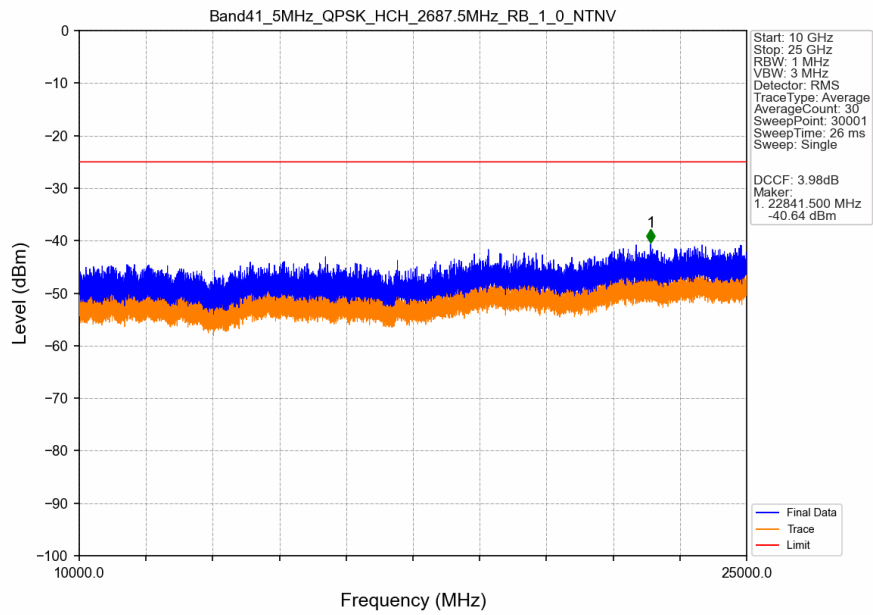
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



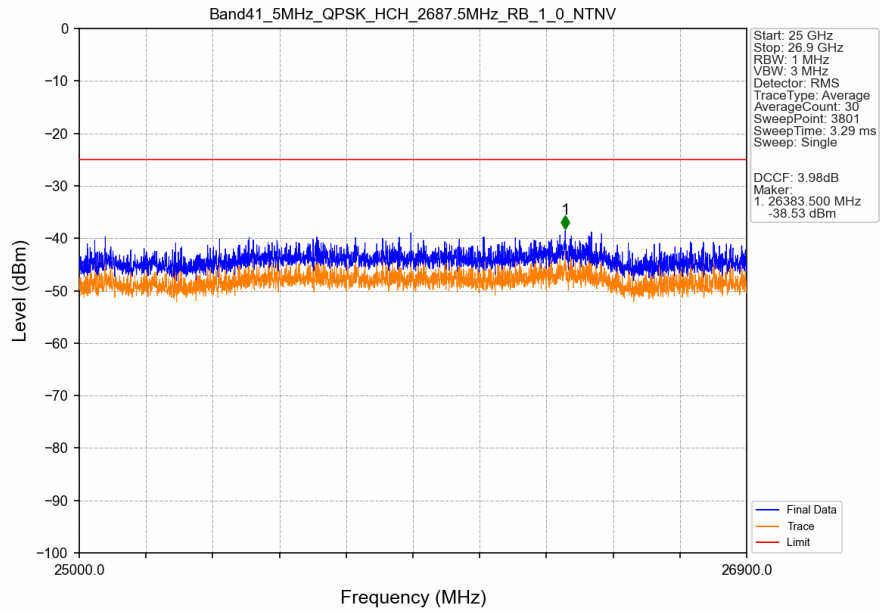
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



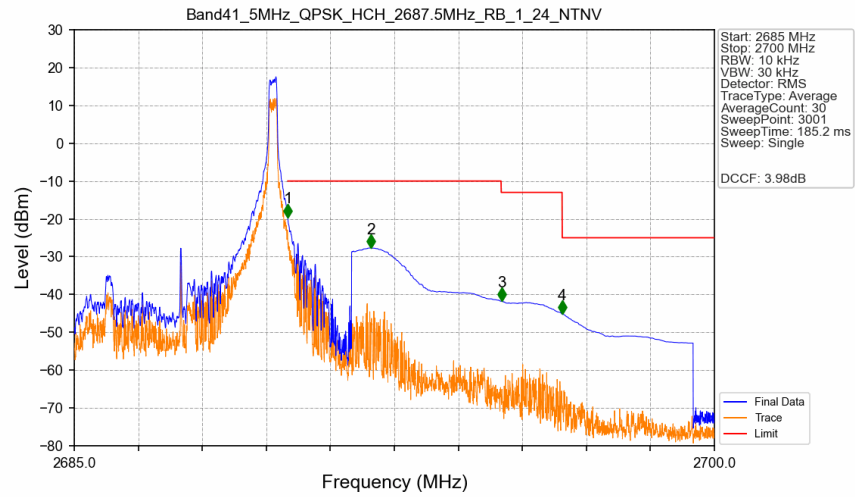
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

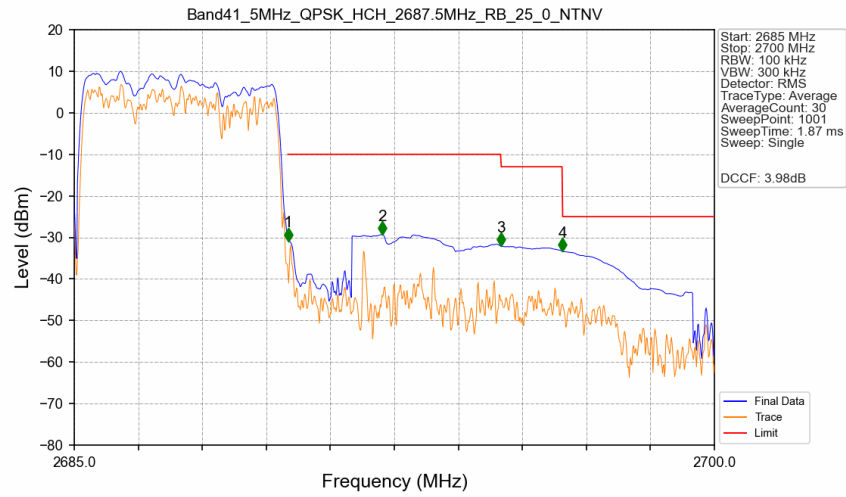


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



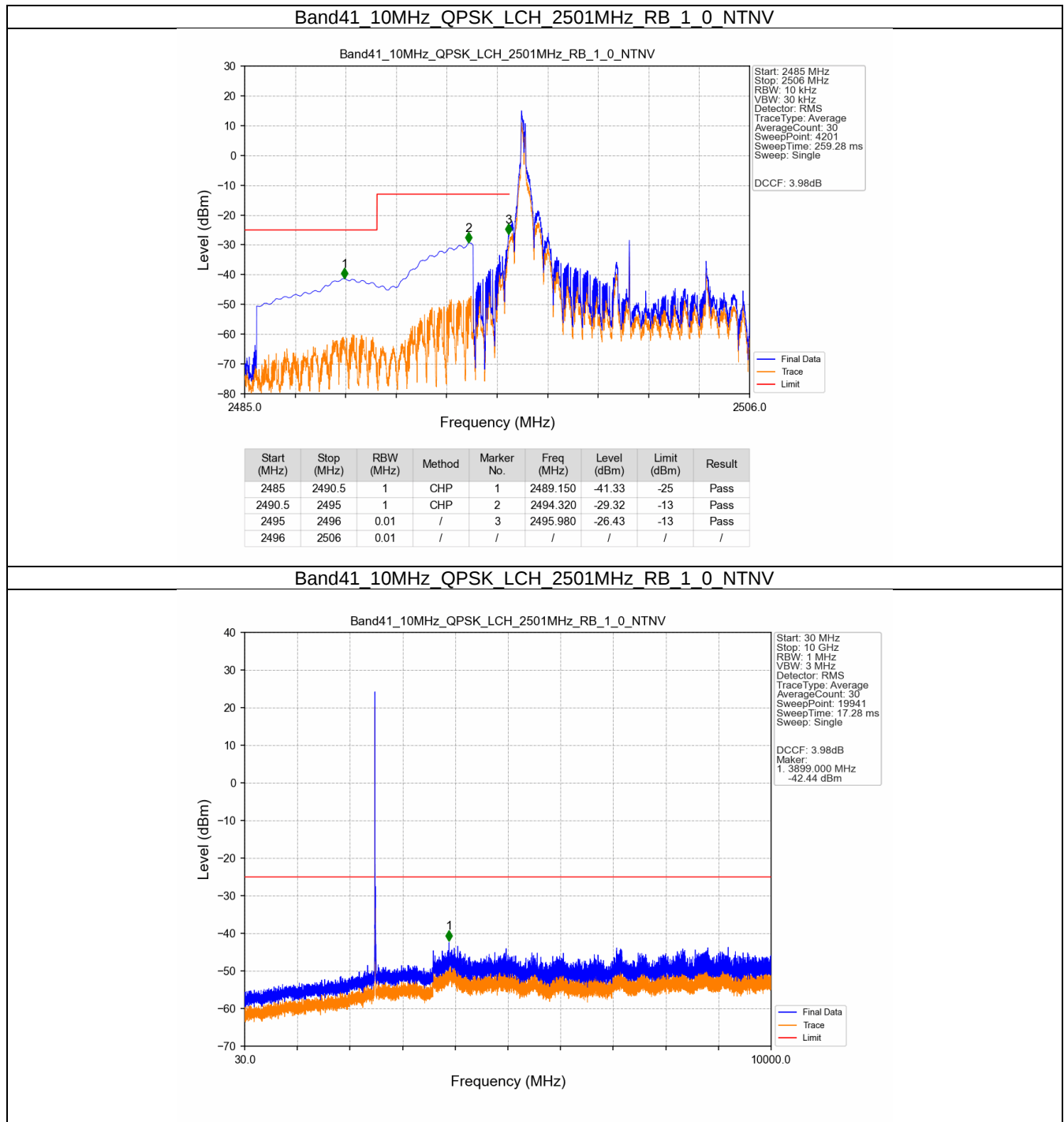
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-19.53	-10	Pass
2691	2695	1	CHP	2	2691.945	-27.66	-10	Pass
2695	2696.431	1	CHP	3	2695.010	-41.67	-13	Pass
2696.431	2700	1	CHP	4	2696.435	-45.16	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV

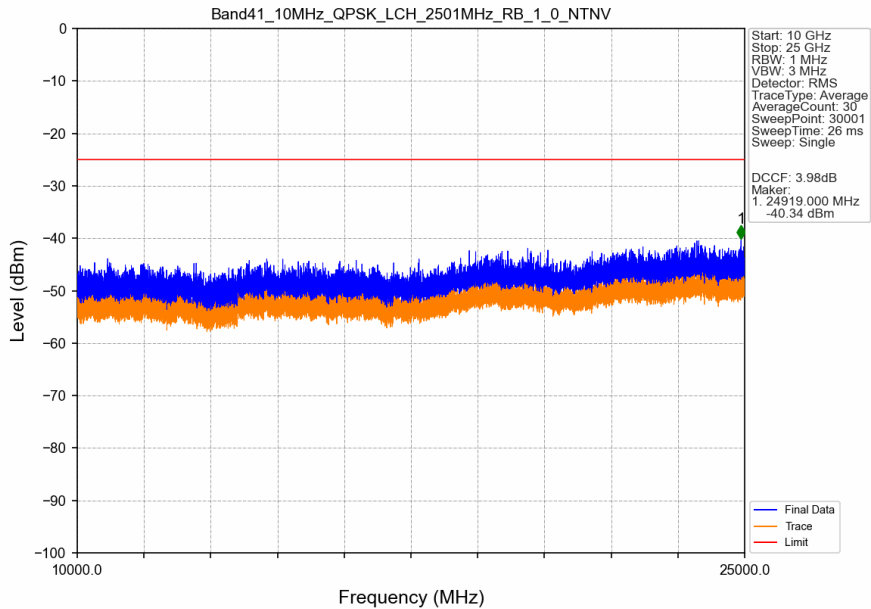


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.129	CHP	/	/	/	/	/
2690	2691	0.129	CHP	1	2690.010	-30.86	-10	Pass
2691	2695	1	CHP	2	2692.215	-29.28	-10	Pass
2695	2696.431	1	CHP	3	2695.005	-32.11	-13	Pass
2696.431	2700	1	CHP	4	2696.445	-33.38	-25	Pass

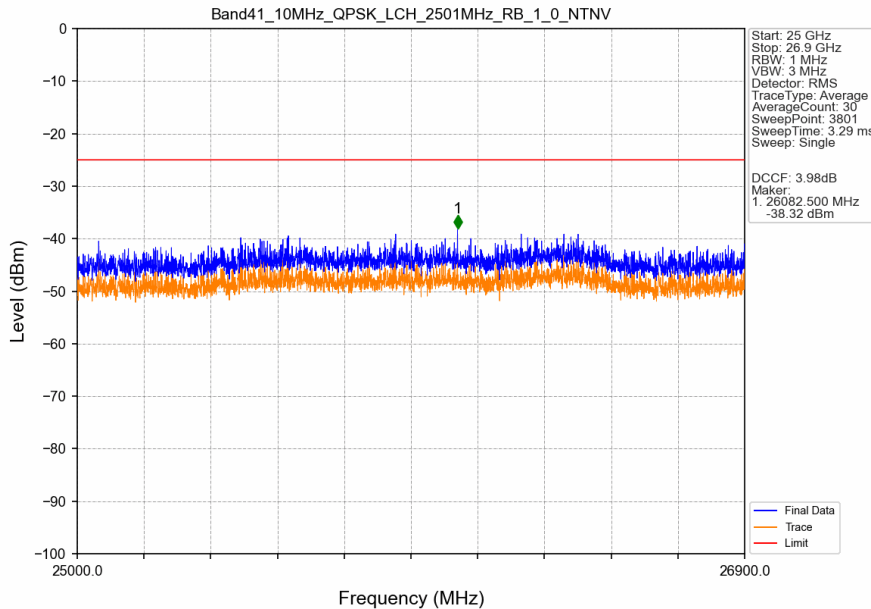
5.2.2 B41_10MHz



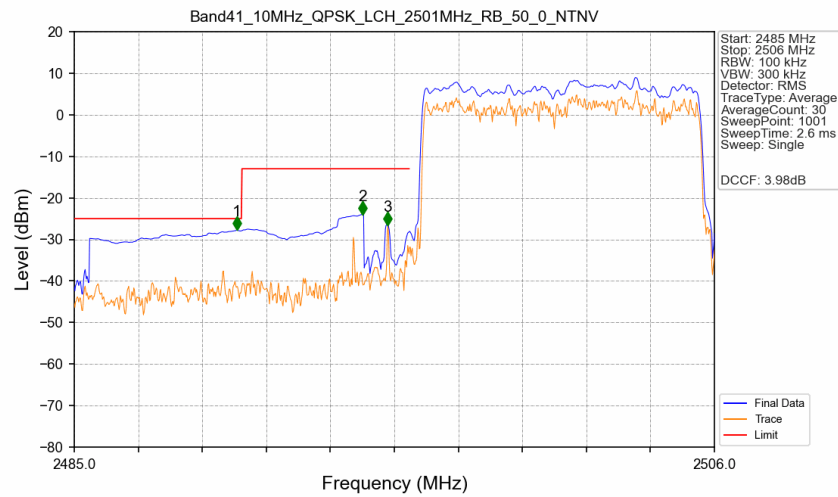
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN

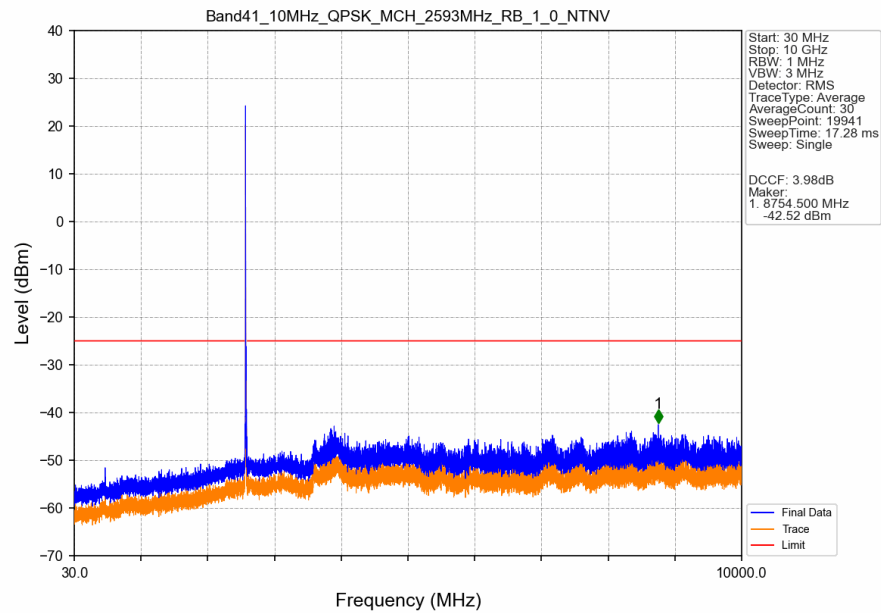


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV

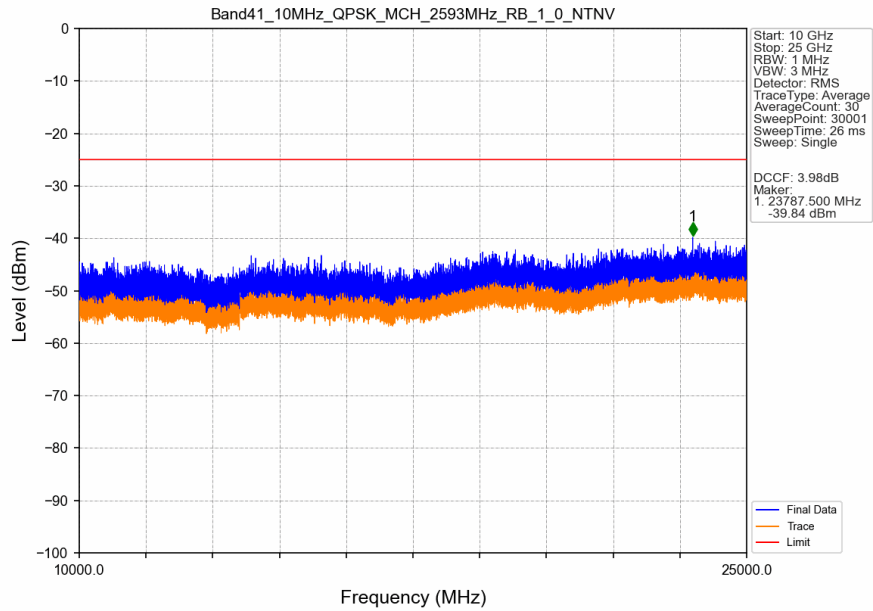


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.334	-27.71	-25	Pass
2490.5	2495	1	CHP	2	2494.450	-23.97	-13	Pass
2495	2496	0.132	CHP	3	2495.269	-26.51	-13	Pass
2496	2506	0.132	CHP	/	/	/	/	/

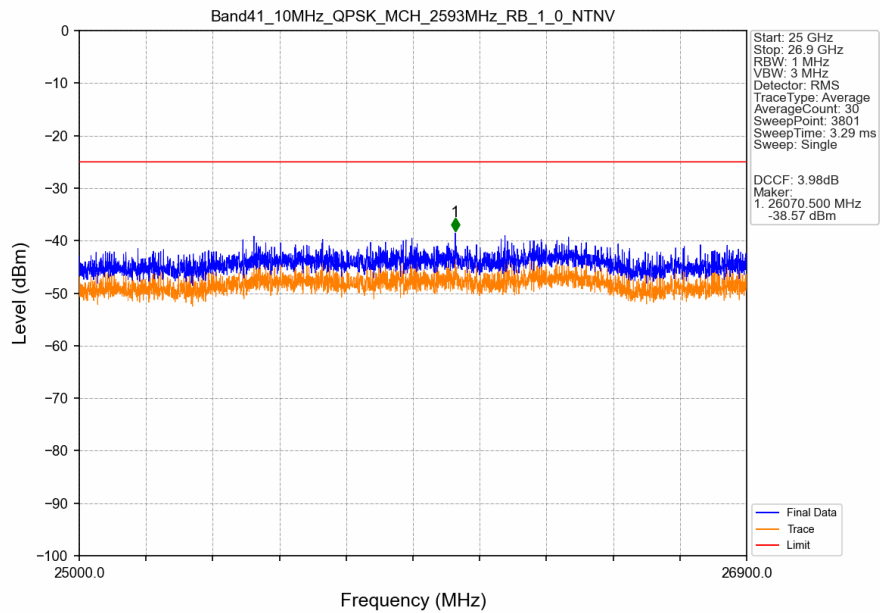
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTV



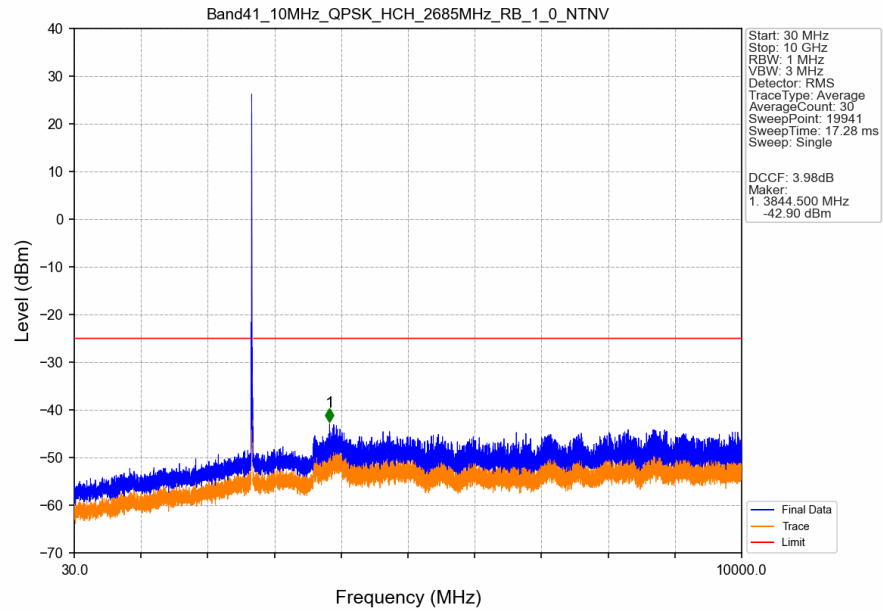
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



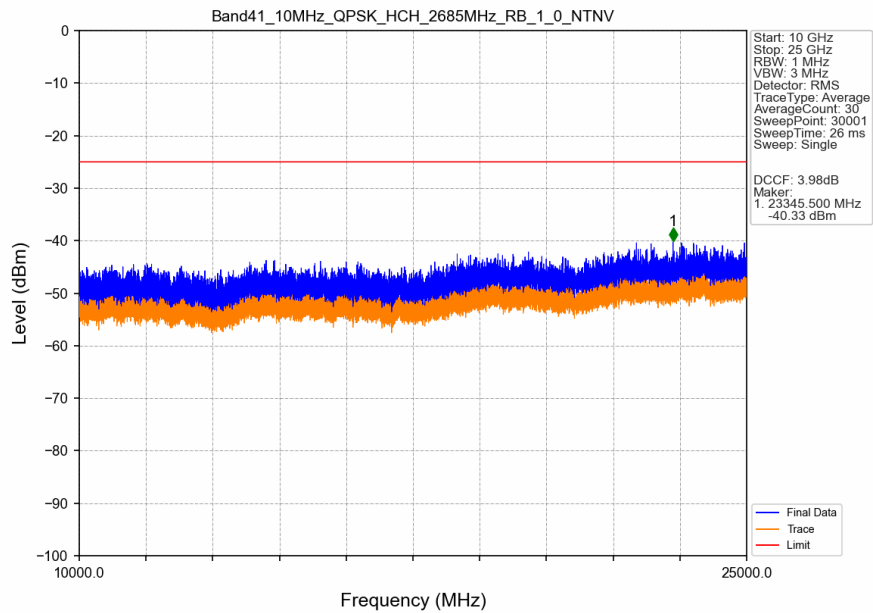
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



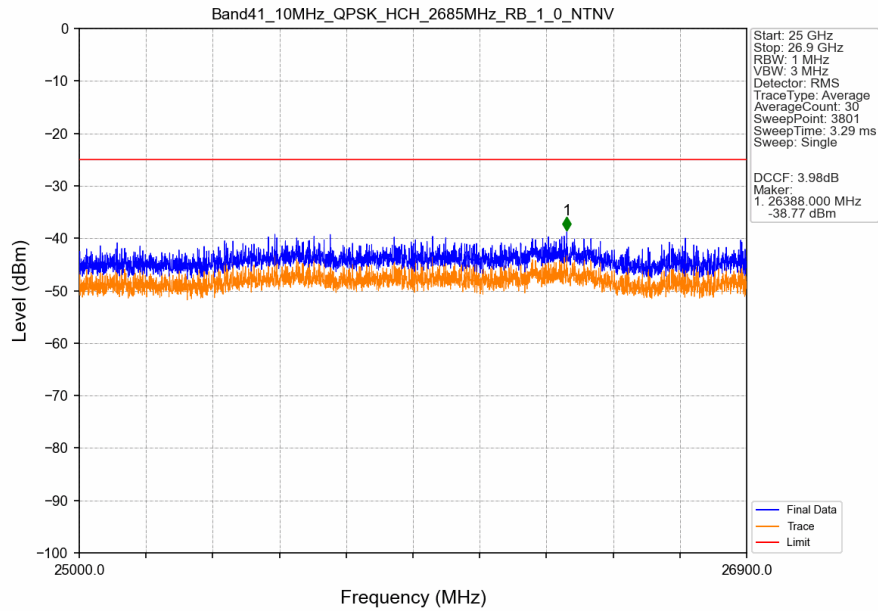
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



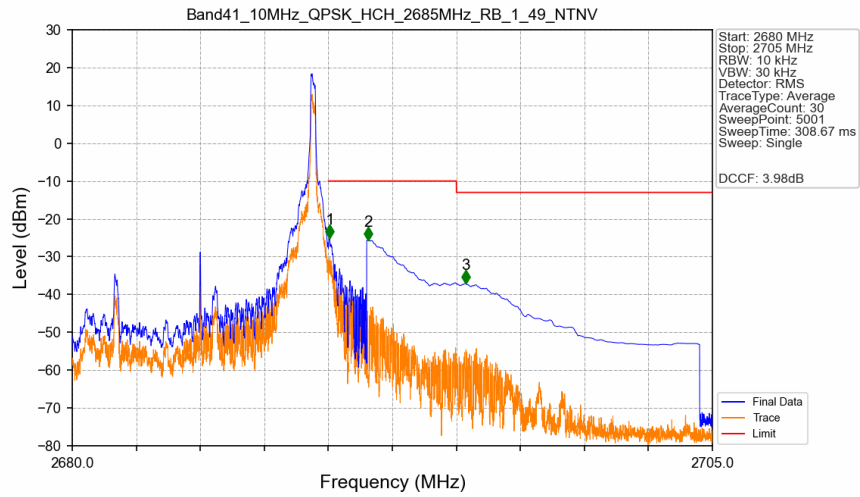
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

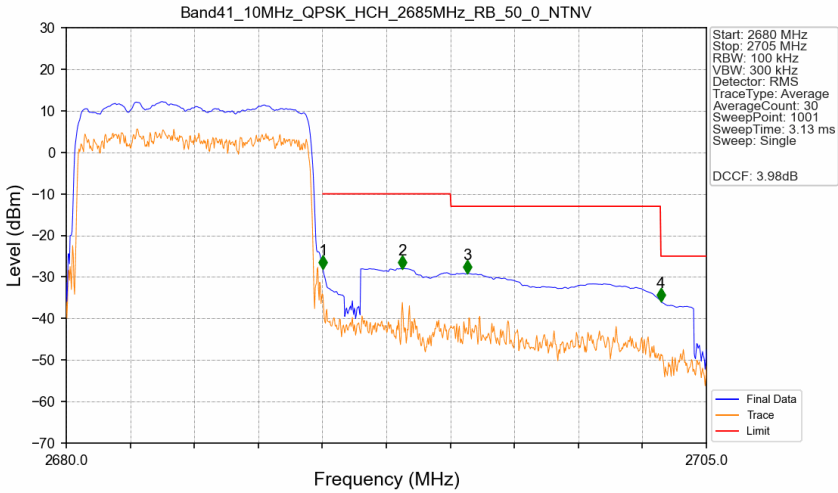


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



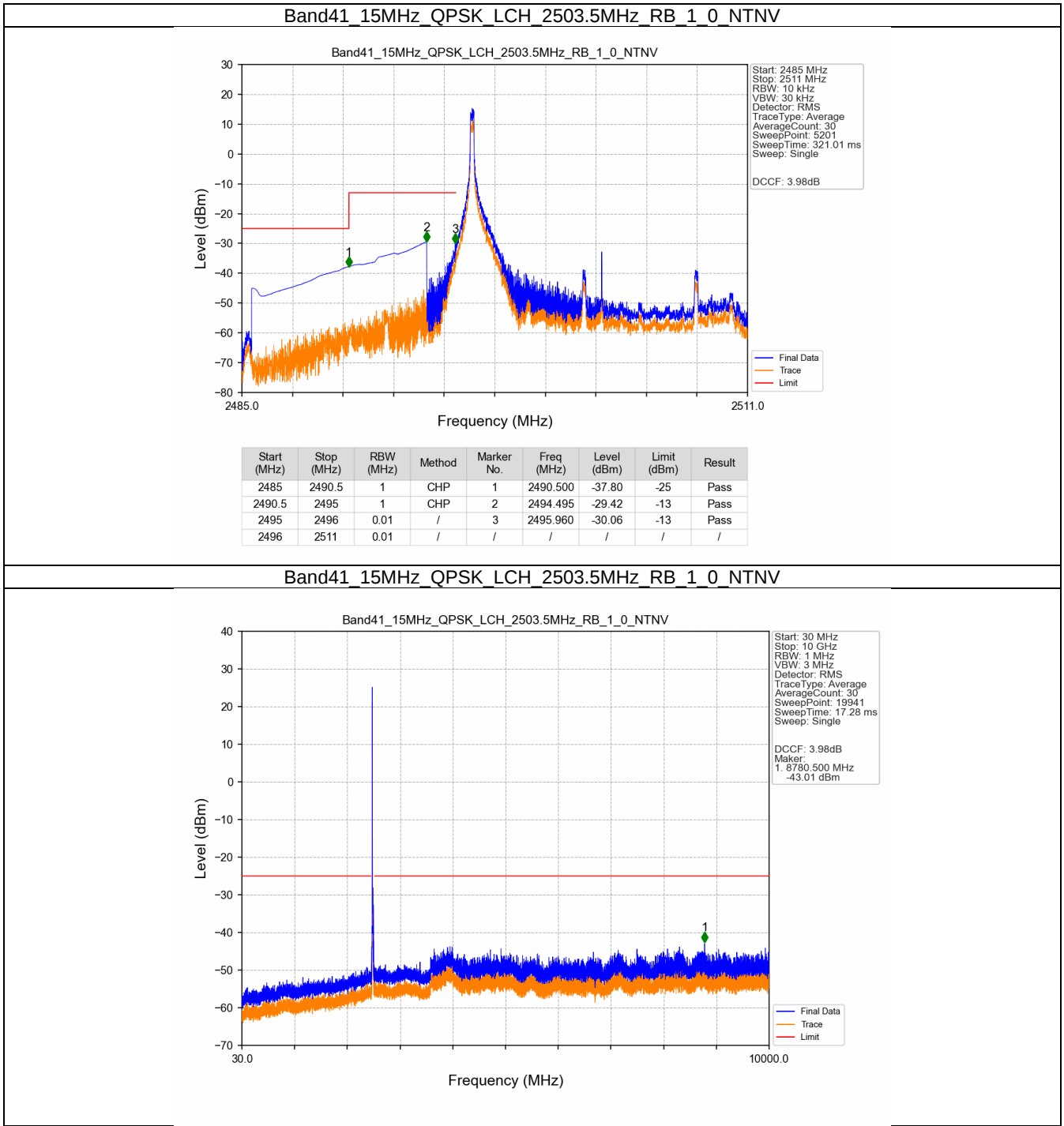
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.050	-25.11	-10	Pass
2691	2695	1	CHP	2	2691.555	-25.65	-10	Pass
2695	2705	1	CHP	3	2695.365	-37.06	-13	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

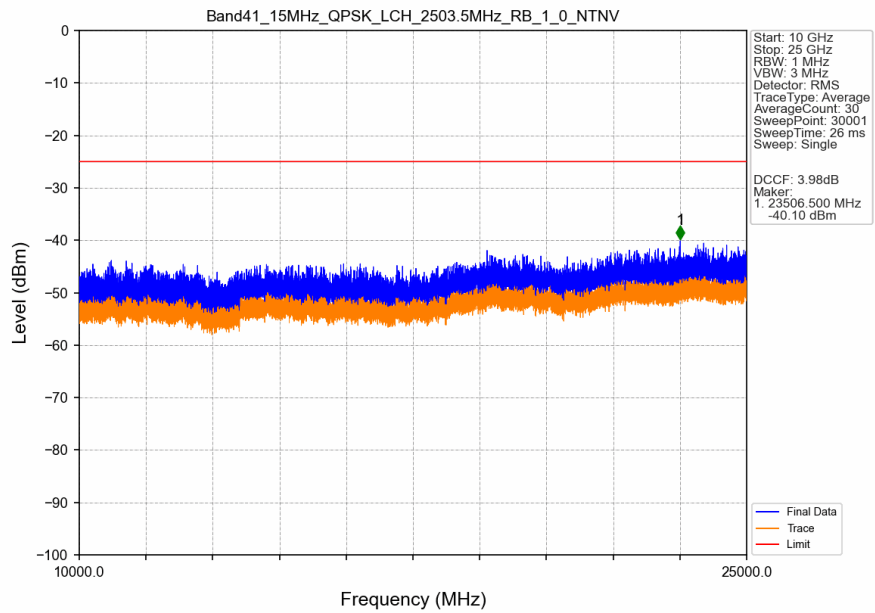


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.264	CHP	/	/	/	/	/
2690	2691	0.264	CHP	1	2690.025	-28.12	-10	Pass
2691	2695	1	CHP	2	2693.125	-27.98	-10	Pass
2695	2703.22	1	CHP	3	2695.650	-29.14	-13	Pass
2703.22	2705	1	CHP	4	2703.225	-35.89	-25	Pass

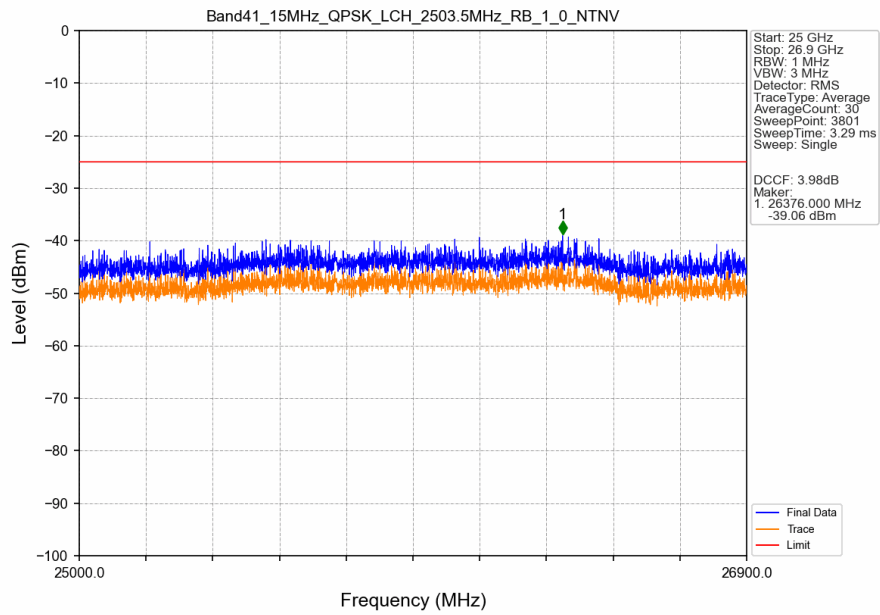
5.2.3 B41_15MHz



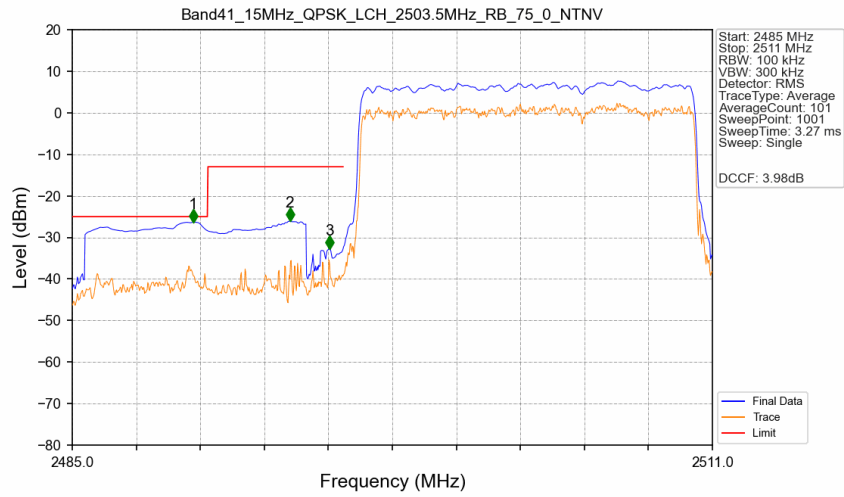
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

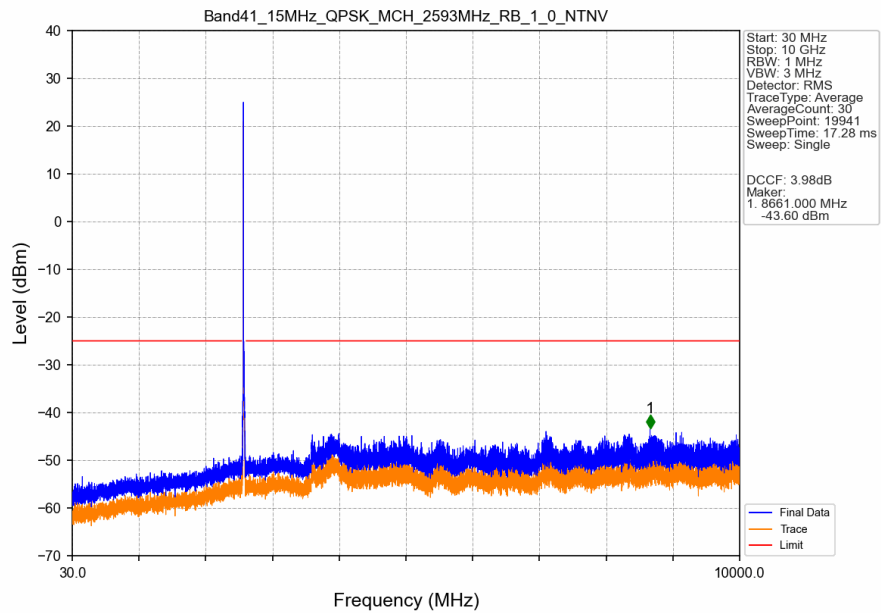


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

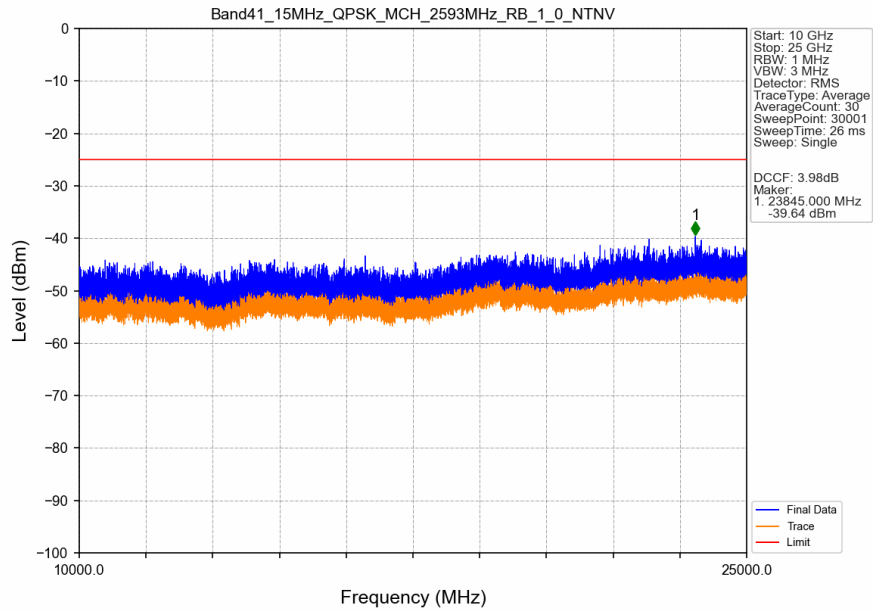


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.914	-26.32	-25	Pass
2490.5	2495	1	CHP	2	2493.840	-26.10	-13	Pass
2495	2496	0.175	CHP	3	2495.452	-32.72	-13	Pass
2496	2511	0.175	CHP	/	/	/	/	/

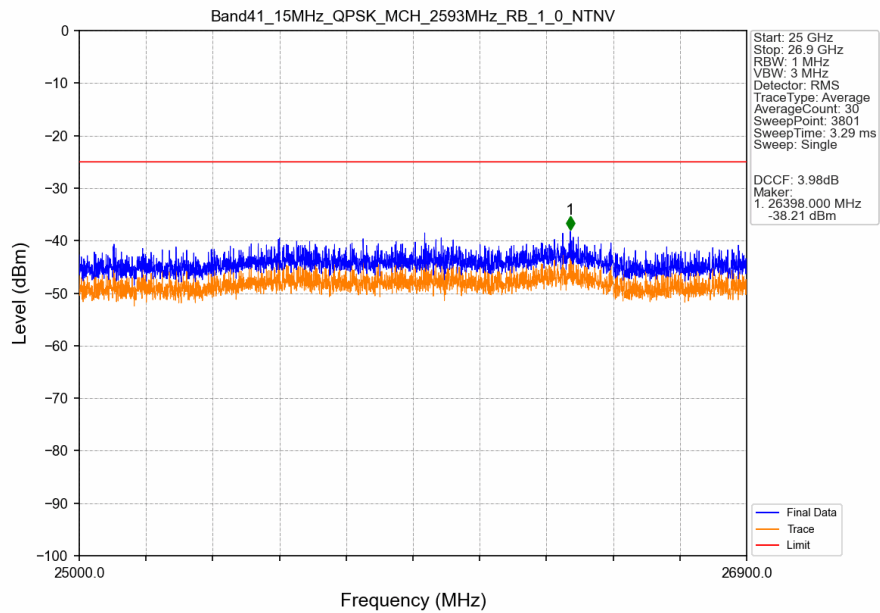
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



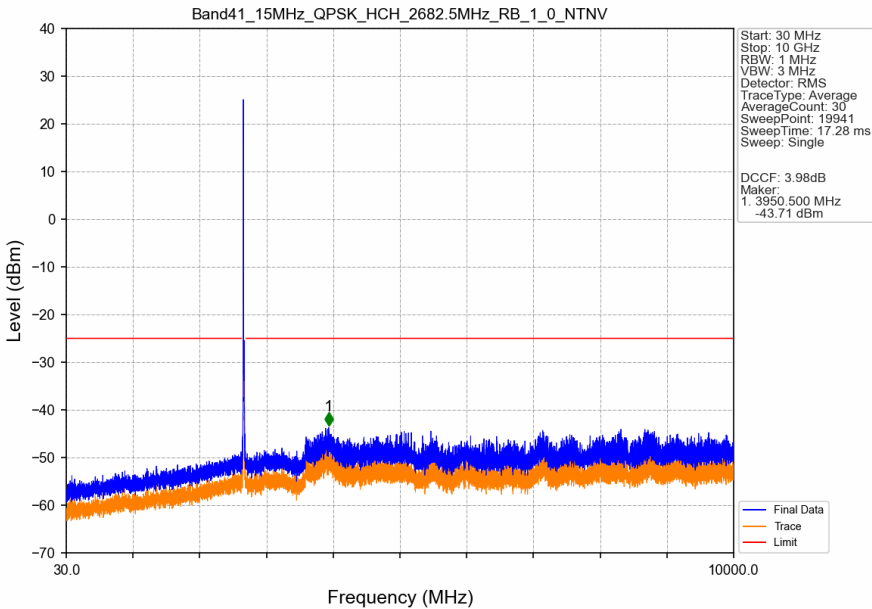
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



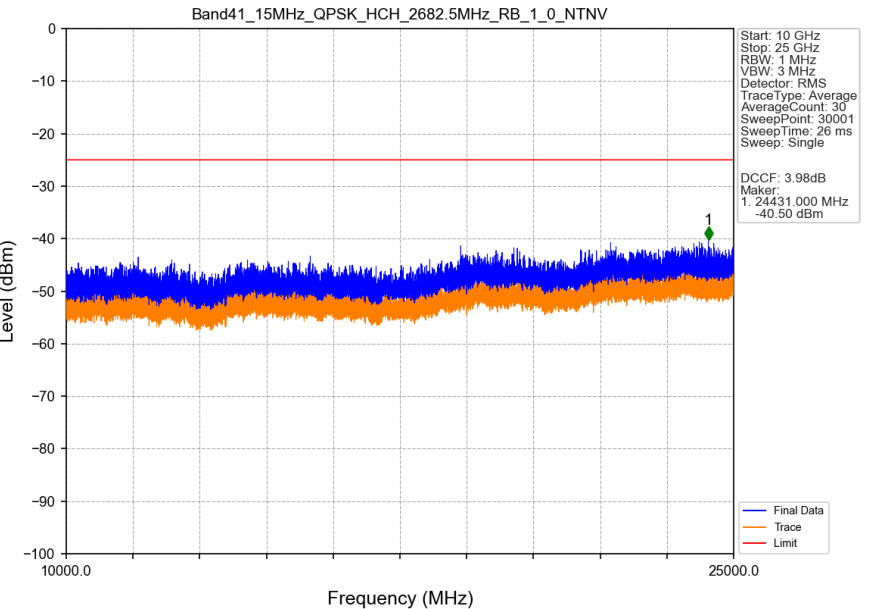
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



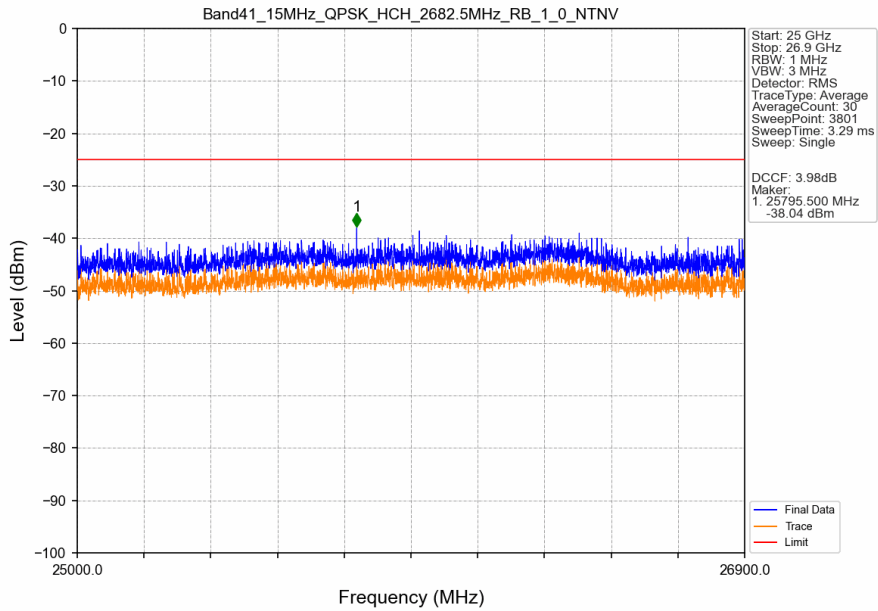
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



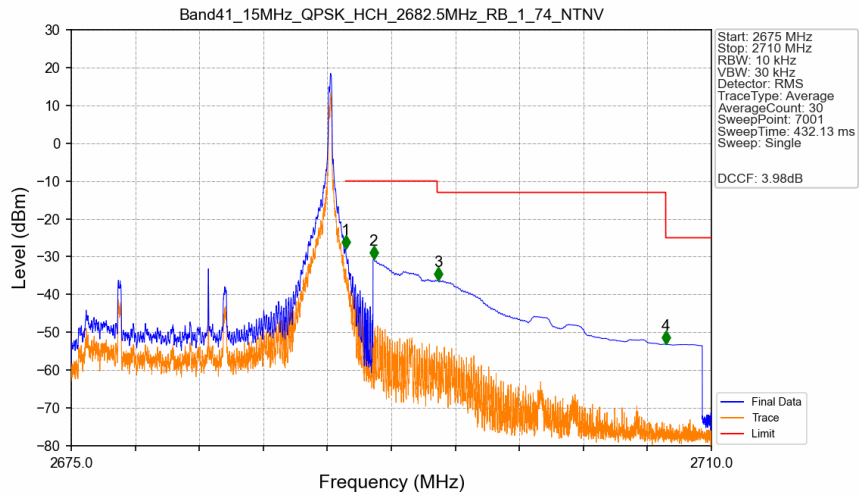
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

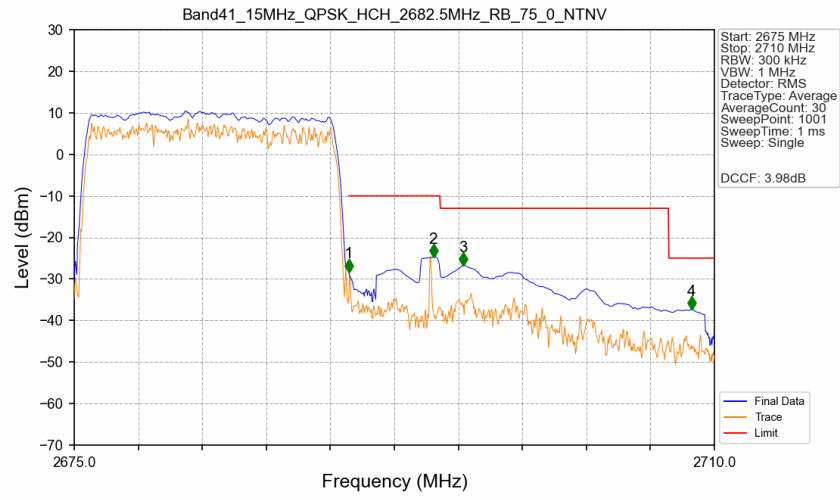


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



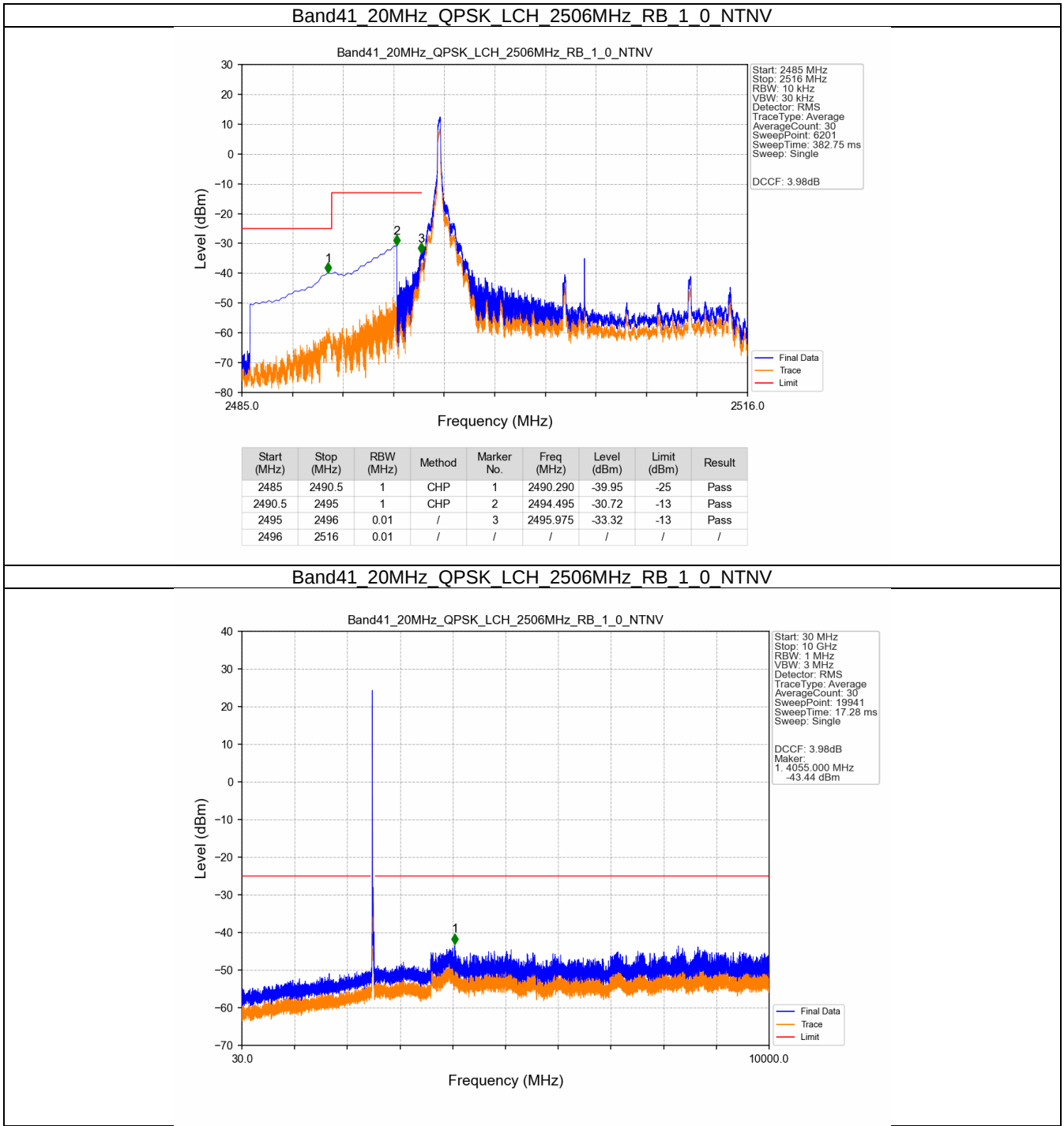
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-27.89	-10	Pass
2691	2695	1	CHP	2	2691.535	-30.70	-10	Pass
2695	2707.502	1	CHP	3	2695.045	-36.27	-13	Pass
2707.502	2710	1	CHP	4	2707.505	-53.17	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN

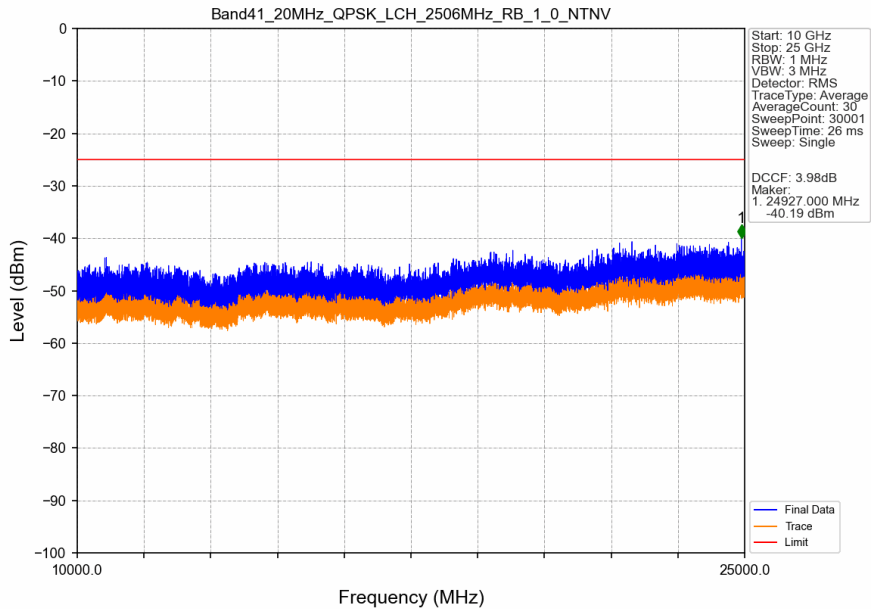


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.35	CHP	/	/	/	/	/
2690	2691	0.35	CHP	1	2690.015	-28.32	-10	Pass
2691	2695	1	CHP	2	2694.635	-24.74	-10	Pass
2695	2707.502	1	CHP	3	2696.280	-26.72	-13	Pass
2707.502	2710	1	CHP	4	2708.740	-37.27	-25	Pass

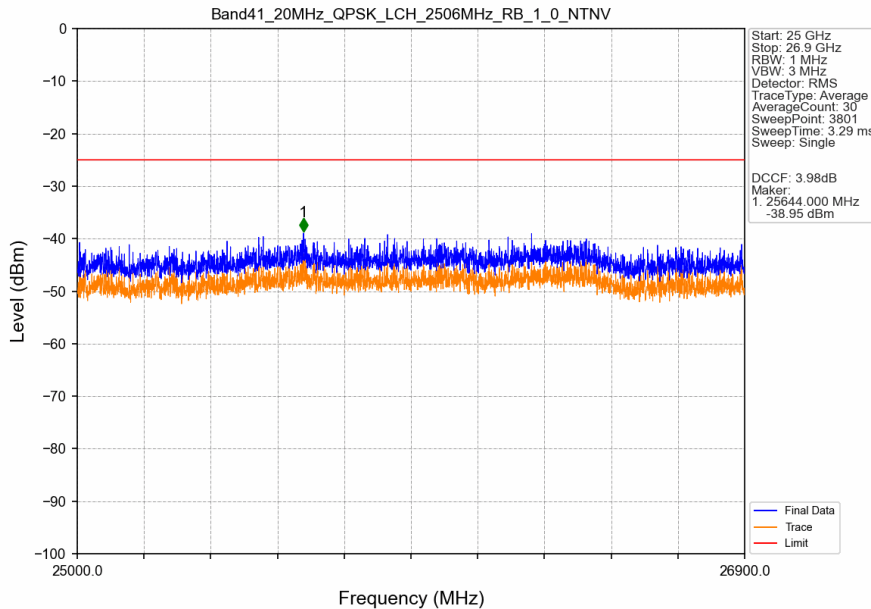
5.2.4 B41_20MHz



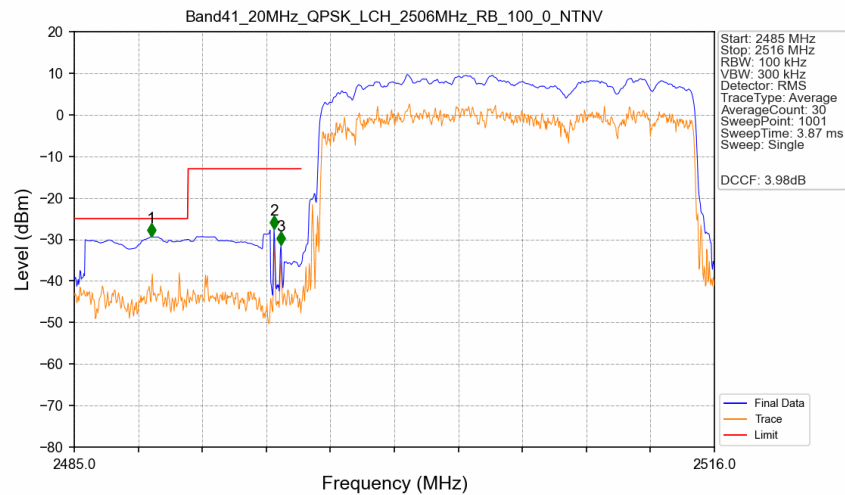
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV

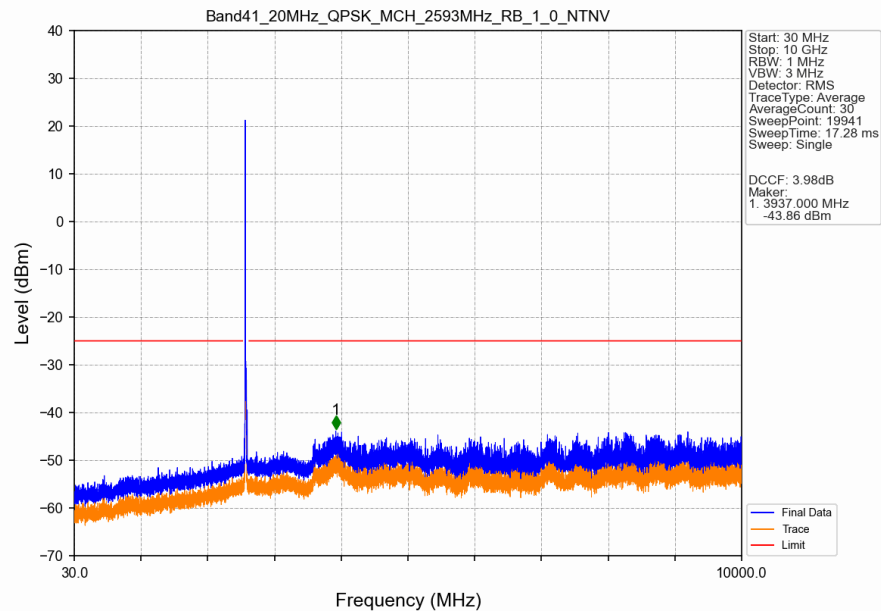


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTV

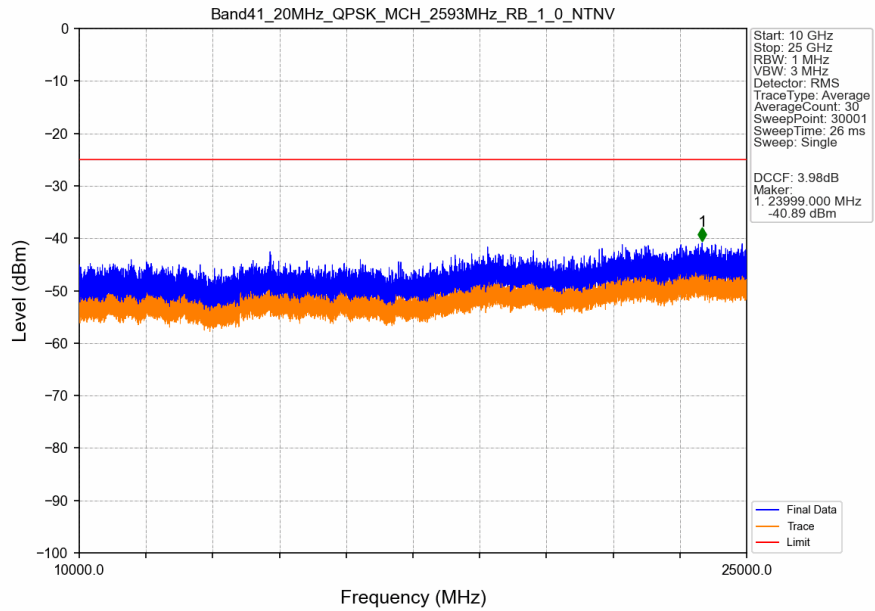


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.720	-29.38	-25	Pass
2490.5	2495	1	CHP	2	2494.672	-27.47	-13	Pass
2495	2496	0.296	CHP	3	2495.013	-31.32	-13	Pass
2496	2516	0.296	CHP	/	/	/	/	/

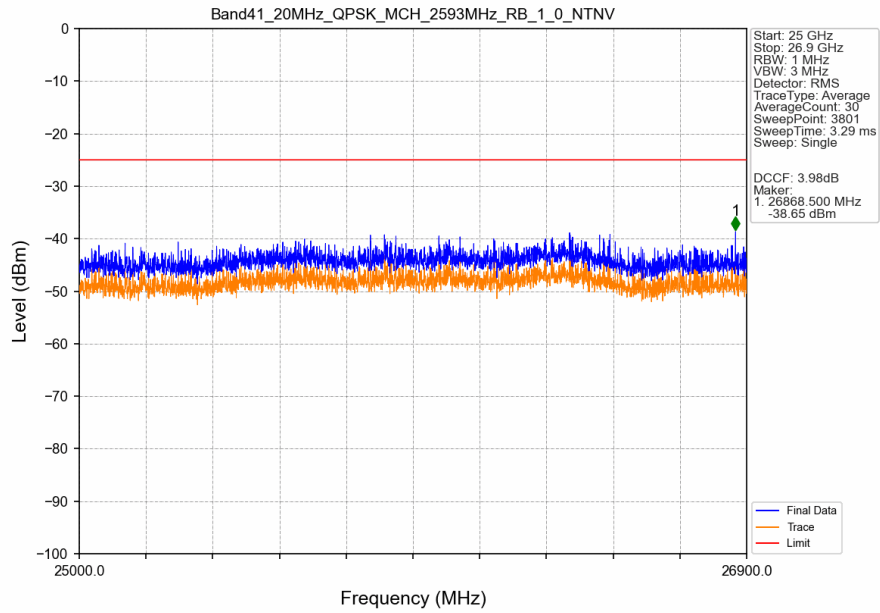
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



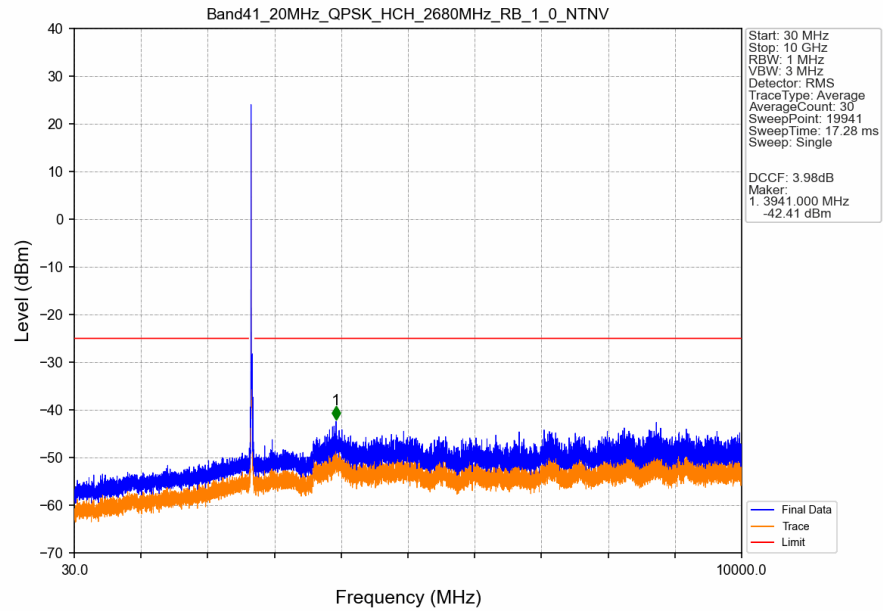
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



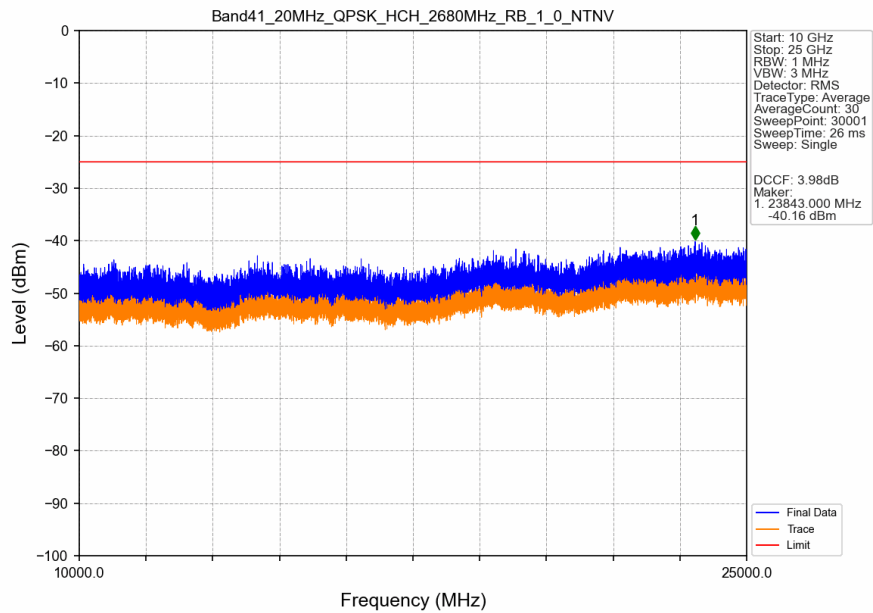
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



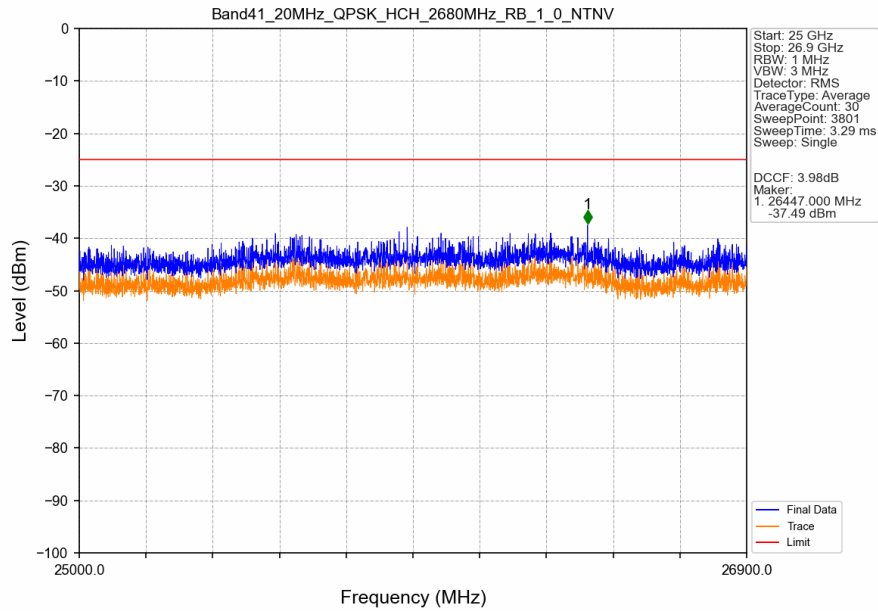
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



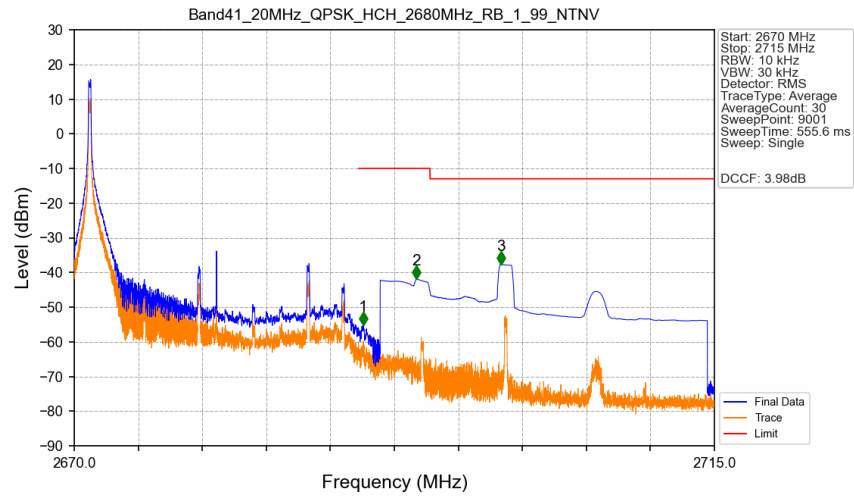
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTN

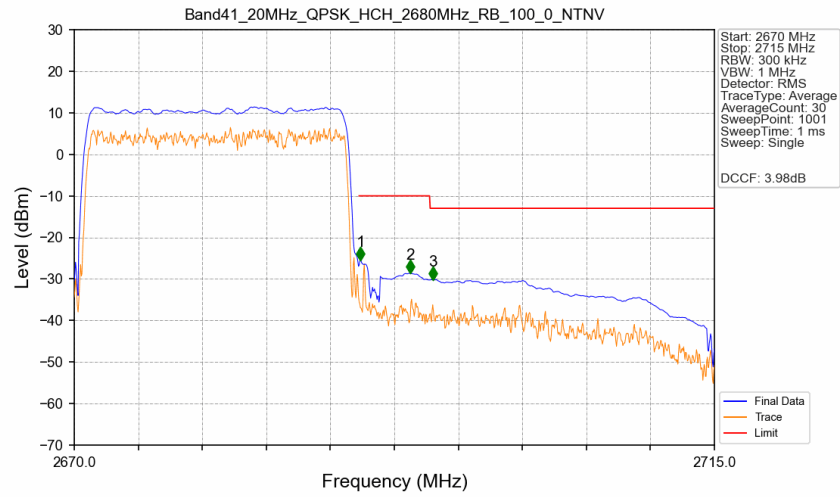


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.320	-55.28	-10	Pass
2691	2695	1	CHP	2	2694.045	-41.89	-10	Pass
2695	2715	1	CHP	3	2699.985	-37.78	-13	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.591	CHP	/	/	/	/	/
2690	2691	0.591	CHP	1	2690.115	-25.48	-10	Pass
2691	2695	1	CHP	2	2693.625	-28.60	-10	Pass
2695	2715	1	CHP	3	2695.200	-30.16	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 41-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
4994.0	-62.59	-25	-37.59	-68.15	4.57	10.13	Horizontal	Pass
7491.0	-61.03	-25	-36.03	-67.82	4.94	11.73	Horizontal	Pass
9988.0	-56.99	-25	-31.99	-64.57	5.46	13.04	Horizontal	Pass
4994.0	-62.68	-25	-37.68	-68.24	4.57	10.13	Vertical	Pass
7491.0	-61.05	-25	-36.05	-67.84	4.94	11.73	Vertical	Pass
9988.0	-55.75	-25	-30.75	-63.33	5.46	13.04	Vertical	Pass

LTE Band 41-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
5168.0	-63.26	-25	-38.26	-68.88	4.62	10.24	Horizontal	Pass
7752.0	-59.39	-25	-34.39	-66.47	4.96	12.04	Horizontal	Pass
10336.0	-56.4	-25	-31.4	-63.98	5.51	13.09	Horizontal	Pass
5168.0	-63.21	-25	-38.21	-68.83	4.62	10.24	Vertical	Pass
7752.0	-59.64	-25	-34.64	-66.72	4.96	12.04	Vertical	Pass
12909.7	-47.46	-25	-22.46	-54.95	5.97	13.46	Vertical	Pass

LTE Band 41-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
5342.0	-63.04	-25	-38.04	-68.71	4.68	10.35	Horizontal	Pass
8013.0	-59.24	-25	-34.24	-66.61	4.98	12.35	Horizontal	Pass
10684.0	-56.61	-25	-31.61	-64.16	5.63	13.18	Horizontal	Pass
5342.0	-62.88	-25	-37.88	-68.55	4.68	10.35	Vertical	Pass
8013.0	-59.76	-25	-34.76	-67.13	4.98	12.35	Vertical	Pass
13365.32	-44.87	-25	-19.87	-52.89	5.99	14.01	Vertical	Pass