

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.16	2.48	24.64	<=33.00	Pass
			13	22.02	2.48	24.50	<=33.00	Pass
			24	21.78	2.48	24.26	<=33.00	Pass
		12	0	20.98	2.48	23.46	<=33.00	Pass
			6	20.93	2.48	23.41	<=33.00	Pass
			13	20.90	2.48	23.38	<=33.00	Pass
		25	0	21.00	2.48	23.48	<=33.00	Pass
	2593	1	0	22.08	2.48	24.56	<=33.00	Pass
			13	22.09	2.48	24.57	<=33.00	Pass
			24	21.99	2.48	24.47	<=33.00	Pass
		12	0	21.04	2.48	23.52	<=33.00	Pass
			6	20.94	2.48	23.42	<=33.00	Pass
			13	20.94	2.48	23.42	<=33.00	Pass
	25	0	21.00	2.48	23.48	<=33.00	Pass	
	2687.5	1	0	22.12	2.48	24.60	<=33.00	Pass
			13	22.11	2.48	24.59	<=33.00	Pass
			24	22.07	2.48	24.55	<=33.00	Pass
		12	0	21.17	2.48	23.65	<=33.00	Pass
			6	21.05	2.48	23.53	<=33.00	Pass
			13	21.04	2.48	23.52	<=33.00	Pass
		25	0	21.17	2.48	23.65	<=33.00	Pass
16QAM		2498.5	1	0	20.47	2.48	22.95	<=33.00
	13			20.46	2.48	22.94	<=33.00	Pass
	24			20.49	2.48	22.97	<=33.00	Pass
	12		0	19.65	2.48	22.13	<=33.00	Pass
			6	19.63	2.48	22.11	<=33.00	Pass
			13	19.66	2.48	22.14	<=33.00	Pass
	25		0	19.84	2.48	22.32	<=33.00	Pass
	2593	1	0	21.00	2.48	23.48	<=33.00	Pass
			13	21.01	2.48	23.49	<=33.00	Pass
			24	20.97	2.48	23.45	<=33.00	Pass
		12	0	20.10	2.48	22.58	<=33.00	Pass
			6	20.06	2.48	22.54	<=33.00	Pass
			13	19.99	2.48	22.47	<=33.00	Pass
	25	0	20.00	2.48	22.48	<=33.00	Pass	
	2687.5	1	0	20.83	2.48	23.31	<=33.00	Pass
			13	21.08	2.48	23.56	<=33.00	Pass
			24	20.51	2.48	22.99	<=33.00	Pass
		12	0	19.98	2.48	22.46	<=33.00	Pass
			6	20.13	2.48	22.61	<=33.00	Pass
			13	20.09	2.48	22.57	<=33.00	Pass
		25	0	20.36	2.48	22.84	<=33.00	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	22.21	2.48	24.69	<=33.00	Pass	
			25	21.99	2.48	24.47	<=33.00	Pass	
			49	22.07	2.48	24.55	<=33.00	Pass	
		25	0	20.93	2.48	23.41	<=33.00	Pass	
			13	20.81	2.48	23.29	<=33.00	Pass	
			25	20.91	2.48	23.39	<=33.00	Pass	
		50	0	20.76	2.48	23.24	<=33.00	Pass	
		2593	1	0	22.21	2.48	24.69	<=33.00	Pass
				25	22.27	2.48	24.75	<=33.00	Pass
	49			22.14	2.48	24.62	<=33.00	Pass	
	25		0	21.00	2.48	23.48	<=33.00	Pass	
			13	20.96	2.48	23.44	<=33.00	Pass	
			25	20.92	2.48	23.40	<=33.00	Pass	
	50	0	20.93	2.48	23.41	<=33.00	Pass		
	2685	1	0	22.21	2.48	24.69	<=33.00	Pass	
			25	22.26	2.48	24.74	<=33.00	Pass	
			49	22.33	2.48	24.81	<=33.00	Pass	
		25	0	21.19	2.48	23.67	<=33.00	Pass	
			13	21.14	2.48	23.62	<=33.00	Pass	
			25	21.10	2.48	23.58	<=33.00	Pass	
		50	0	21.20	2.48	23.68	<=33.00	Pass	
16QAM		2501	1	0	20.44	2.48	22.92	<=33.00	Pass
				25	20.64	2.48	23.12	<=33.00	Pass
	49			20.73	2.48	23.21	<=33.00	Pass	
	25		0	19.78	2.48	22.26	<=33.00	Pass	
			13	19.78	2.48	22.26	<=33.00	Pass	
			25	20.22	2.48	22.70	<=33.00	Pass	
	50		0	19.76	2.48	22.24	<=33.00	Pass	
	2593	1	0	21.09	2.48	23.57	<=33.00	Pass	
			25	20.99	2.48	23.47	<=33.00	Pass	
			49	20.83	2.48	23.31	<=33.00	Pass	
		25	0	20.01	2.48	22.49	<=33.00	Pass	
			13	19.95	2.48	22.43	<=33.00	Pass	
			25	19.73	2.48	22.21	<=33.00	Pass	
	50	0	20.07	2.48	22.55	<=33.00	Pass		
	2685	1	0	20.67	2.48	23.15	<=33.00	Pass	
			25	20.58	2.48	23.06	<=33.00	Pass	
			49	20.46	2.48	22.94	<=33.00	Pass	
		25	0	20.20	2.48	22.68	<=33.00	Pass	
13			20.14	2.48	22.62	<=33.00	Pass		
25			20.10	2.48	22.58	<=33.00	Pass		
50		0	20.36	2.48	22.84	<=33.00	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	21.70	2.48	24.18	<=33.00	Pass
			38	21.79	2.48	24.27	<=33.00	Pass
			74	21.79	2.48	24.27	<=33.00	Pass
		36	0	20.38	2.48	22.86	<=33.00	Pass
			18	20.81	2.48	23.29	<=33.00	Pass
			39	20.79	2.48	23.27	<=33.00	Pass

	2593	75	0	20.93	2.48	23.41	<=33.00	Pass	
		1	0	22.10	2.48	24.58	<=33.00	Pass	
			38	22.04	2.48	24.52	<=33.00	Pass	
			74	21.89	2.48	24.37	<=33.00	Pass	
			0	21.05	2.48	23.53	<=33.00	Pass	
		36	18	20.96	2.48	23.44	<=33.00	Pass	
			39	20.88	2.48	23.36	<=33.00	Pass	
		75	0	20.94	2.48	23.42	<=33.00	Pass	
	2682.5	1	0	22.15	2.48	24.63	<=33.00	Pass	
			38	22.30	2.48	24.78	<=33.00	Pass	
			74	22.33	2.48	24.81	<=33.00	Pass	
		36	0	21.10	2.48	23.58	<=33.00	Pass	
			18	21.14	2.48	23.62	<=33.00	Pass	
			39	21.09	2.48	23.57	<=33.00	Pass	
		75	0	21.09	2.48	23.57	<=33.00	Pass	
		16QAM	2503.5	1	0	20.30	2.48	22.78	<=33.00
38	20.38				2.48	22.86	<=33.00	Pass	
74	21.16				2.48	23.64	<=33.00	Pass	
36	0			19.27	2.48	21.75	<=33.00	Pass	
	18			19.60	2.48	22.08	<=33.00	Pass	
	39			19.75	2.48	22.23	<=33.00	Pass	
75	0			19.45	2.48	21.93	<=33.00	Pass	
2593	1		0	21.01	2.48	23.49	<=33.00	Pass	
			38	20.98	2.48	23.46	<=33.00	Pass	
			74	20.38	2.48	22.86	<=33.00	Pass	
	36		0	20.01	2.48	22.49	<=33.00	Pass	
			18	19.91	2.48	22.39	<=33.00	Pass	
			39	19.71	2.48	22.19	<=33.00	Pass	
	75		0	19.80	2.48	22.28	<=33.00	Pass	
2682.5	1		0	20.70	2.48	23.18	<=33.00	Pass	
			38	20.65	2.48	23.13	<=33.00	Pass	
			74	20.30	2.48	22.78	<=33.00	Pass	
	36		0	20.19	2.48	22.67	<=33.00	Pass	
			18	20.22	2.48	22.70	<=33.00	Pass	
			39	20.17	2.48	22.65	<=33.00	Pass	
	75		0	20.11	2.48	22.59	<=33.00	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	21.70	2.48	24.18	<=33.00	Pass
			50	21.91	2.48	24.39	<=33.00	Pass
			99	21.54	2.48	24.02	<=33.00	Pass
		50	0	20.60	2.48	23.08	<=33.00	Pass
			25	20.81	2.48	23.29	<=33.00	Pass
			50	20.83	2.48	23.31	<=33.00	Pass
		100	0	20.90	2.48	23.38	<=33.00	Pass
	2593	1	0	22.10	2.48	24.58	<=33.00	Pass
			50	22.09	2.48	24.57	<=33.00	Pass
			99	21.85	2.48	24.33	<=33.00	Pass
		50	0	21.05	2.48	23.53	<=33.00	Pass
			25	20.90	2.48	23.38	<=33.00	Pass
			50	20.86	2.48	23.34	<=33.00	Pass
		100	0	20.92	2.48	23.40	<=33.00	Pass

	2680	1	0	21.89	2.48	24.37	<=33.00	Pass		
			50	22.17	2.48	24.65	<=33.00	Pass		
			99	22.06	2.48	24.54	<=33.00	Pass		
		50	0	21.16	2.48	23.64	<=33.00	Pass		
			25	21.07	2.48	23.55	<=33.00	Pass		
			50	21.03	2.48	23.51	<=33.00	Pass		
		100	0	21.13	2.48	23.61	<=33.00	Pass		
		16QAM	2506	1	0	20.15	2.48	22.63	<=33.00	Pass
					50	20.42	2.48	22.90	<=33.00	Pass
99	20.38				2.48	22.86	<=33.00	Pass		
50	0			19.59	2.48	22.07	<=33.00	Pass		
	25			19.42	2.48	21.90	<=33.00	Pass		
	50			19.89	2.48	22.37	<=33.00	Pass		
100	0			20.00	2.48	22.48	<=33.00	Pass		
2593	1			0	20.51	2.48	22.99	<=33.00	Pass	
				50	20.40	2.48	22.88	<=33.00	Pass	
			99	20.23	2.48	22.71	<=33.00	Pass		
	50		0	19.89	2.48	22.37	<=33.00	Pass		
			25	19.85	2.48	22.33	<=33.00	Pass		
			50	19.80	2.48	22.28	<=33.00	Pass		
	100		0	19.78	2.48	22.26	<=33.00	Pass		
	2680		1	0	20.90	2.48	23.38	<=33.00	Pass	
				50	20.91	2.48	23.39	<=33.00	Pass	
99				20.59	2.48	23.07	<=33.00	Pass		
50			0	20.03	2.48	22.51	<=33.00	Pass		
			25	20.10	2.48	22.58	<=33.00	Pass		
			50	20.06	2.48	22.54	<=33.00	Pass		
100			0	20.17	2.48	22.65	<=33.00	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	3.5	0.300	0.0001	-2.5 to 2.5	Pass
					3.87	0.200	0.0001	-2.5 to 2.5	Pass
					4.4	1.800	0.0007	-2.5 to 2.5	Pass
				-30	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-5.600	-0.0022	-2.5 to 2.5	Pass
				-10	3.87	4.800	0.0019	-2.5 to 2.5	Pass
				0	3.87	1.300	0.0005	-2.5 to 2.5	Pass
				10	3.87	-5.400	-0.0021	-2.5 to 2.5	Pass
				30	3.87	2.600	0.0010	-2.5 to 2.5	Pass
				40	3.87	1.800	0.0007	-2.5 to 2.5	Pass
				50	3.87	3.300	0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

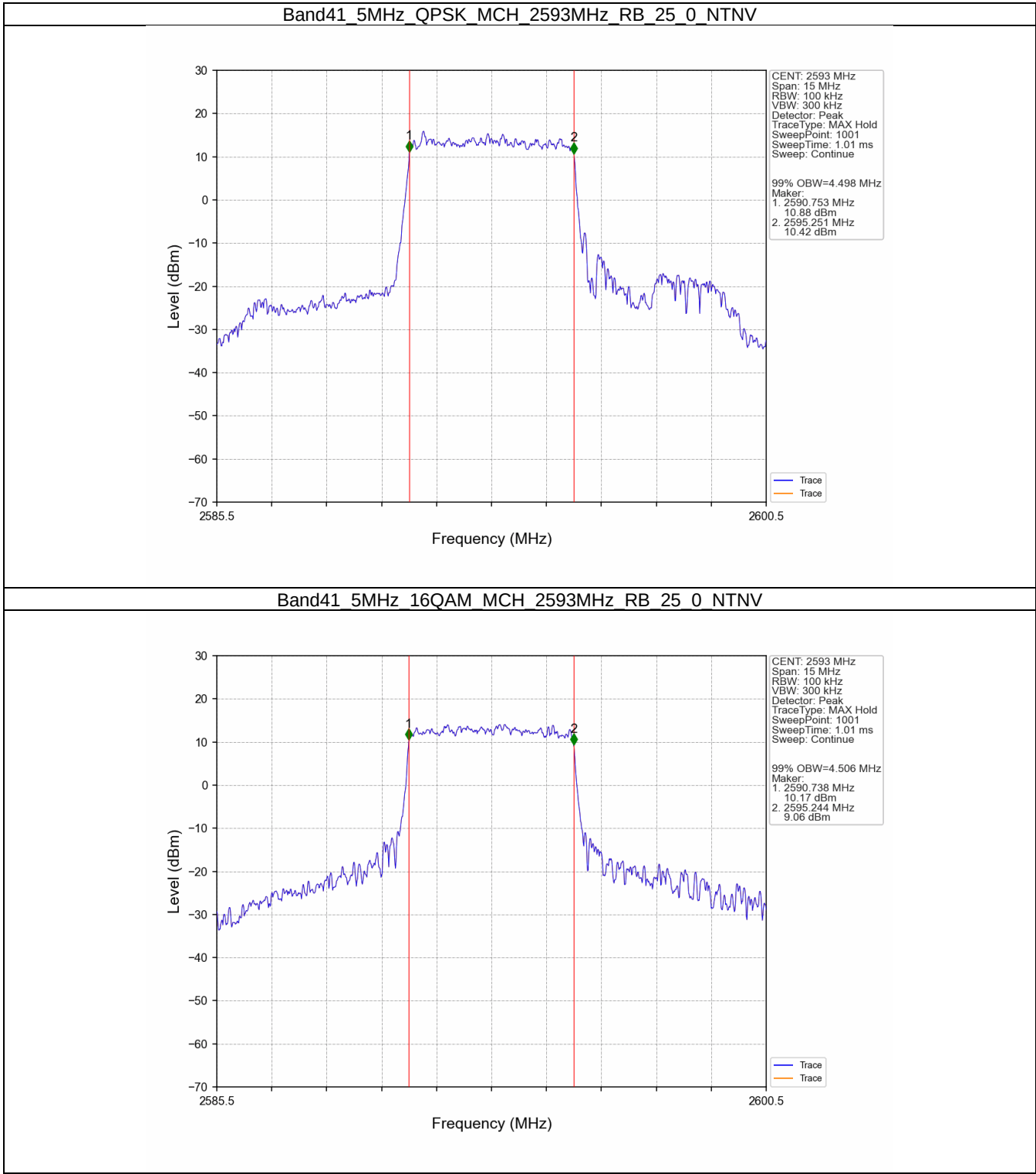
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.498	/	Pass
	16QAM	2593	25	0	4.506	/	Pass
10	QPSK	2593	50	0	8.999	/	Pass
	16QAM	2593	50	0	8.983	/	Pass
15	QPSK	2593	75	0	13.404	/	Pass
	16QAM	2593	75	0	13.416	/	Pass
20	QPSK	2593	100	0	17.942	/	Pass
	16QAM	2593	100	0	17.946	/	Pass

3.1.2 Band41_XDB

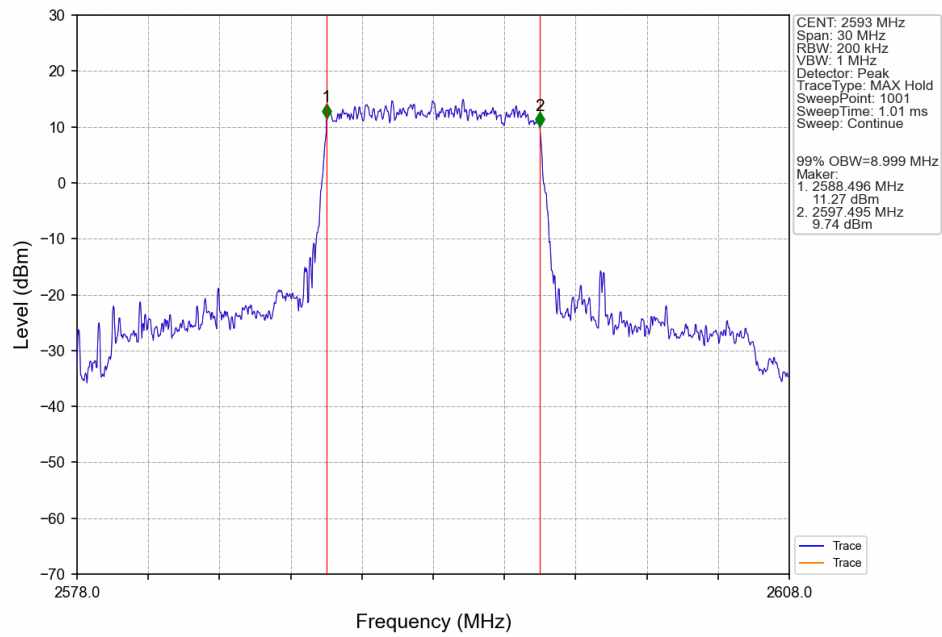
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.082	/	Pass
	16QAM	2593	25	0	5.161	/	Pass
10	QPSK	2593	50	0	9.976	/	Pass
	16QAM	2593	50	0	9.805	/	Pass
15	QPSK	2593	75	0	14.676	/	Pass
	16QAM	2593	75	0	14.885	/	Pass
20	QPSK	2593	100	0	19.329	/	Pass
	16QAM	2593	100	0	19.353	/	Pass

3.2 Test Graph

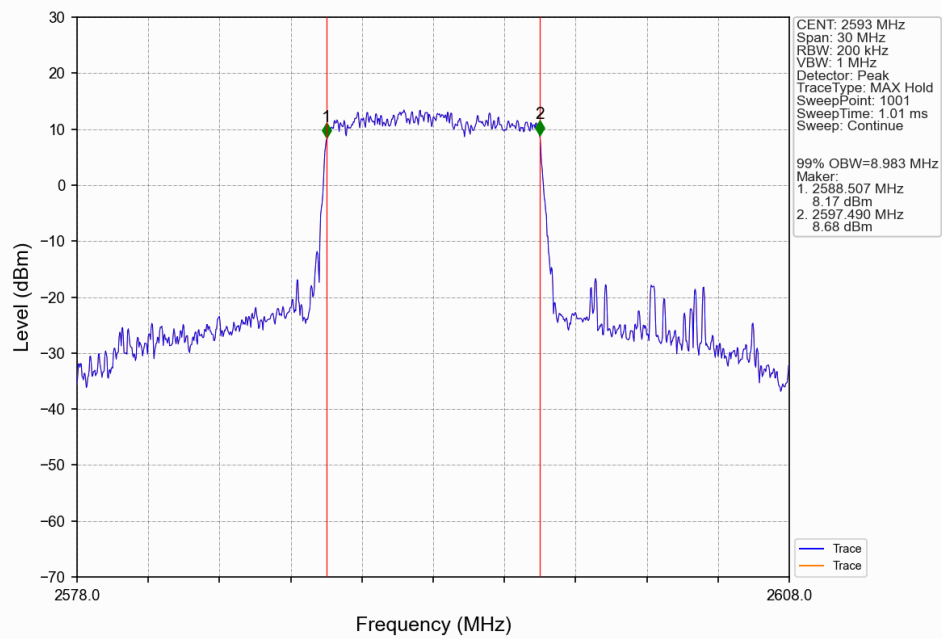
3.2.1 Band41_OBW



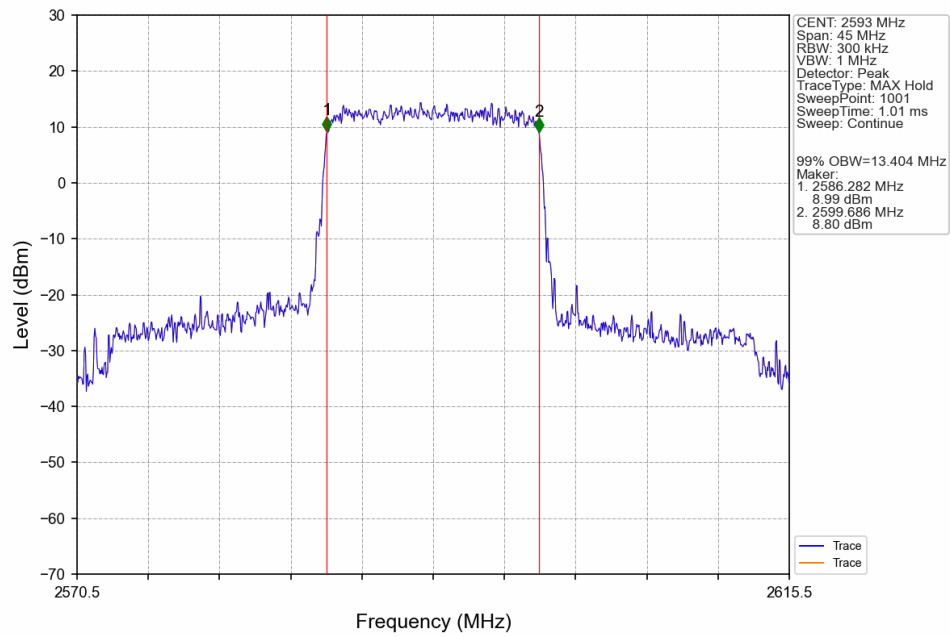
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



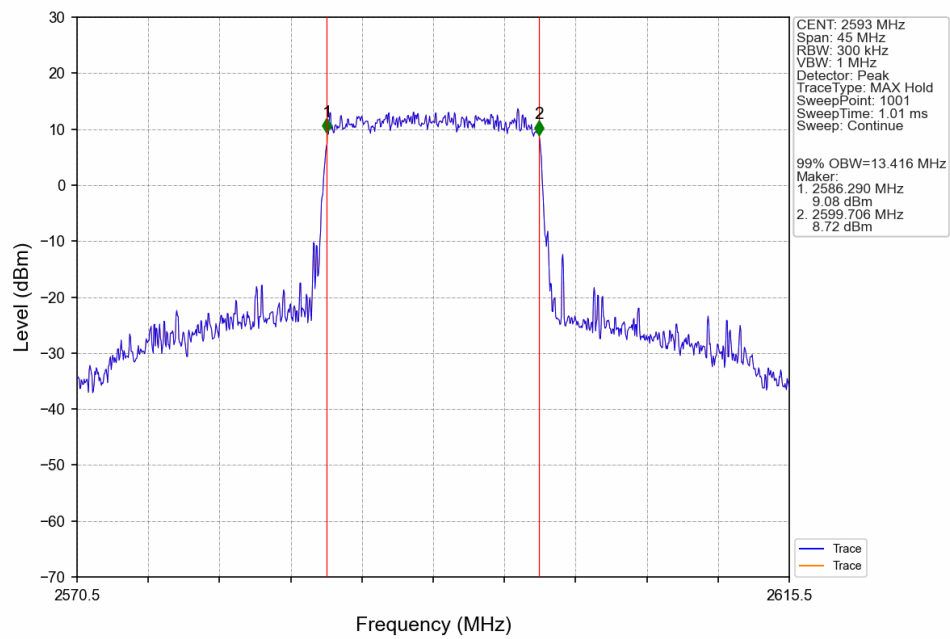
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



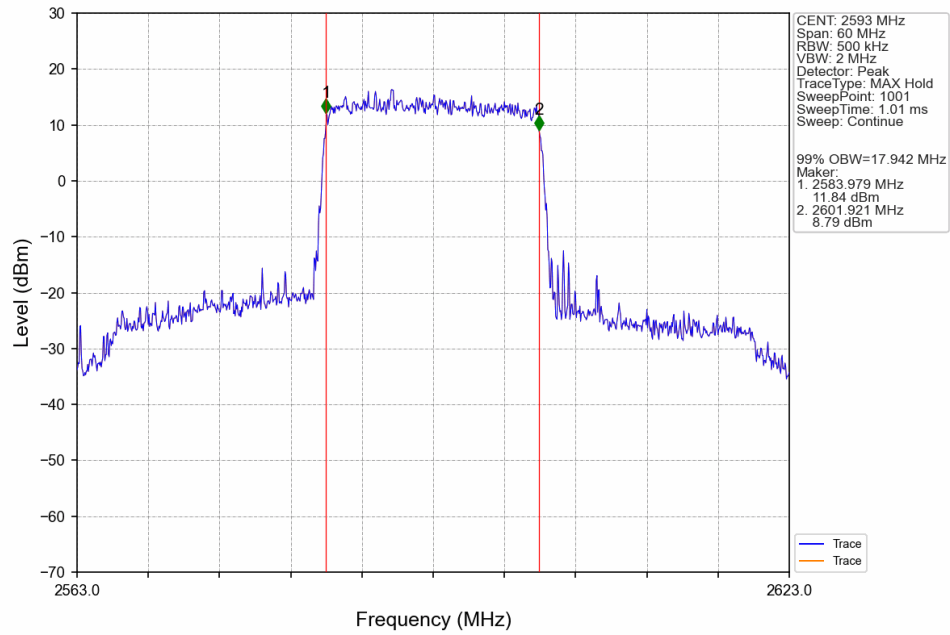
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



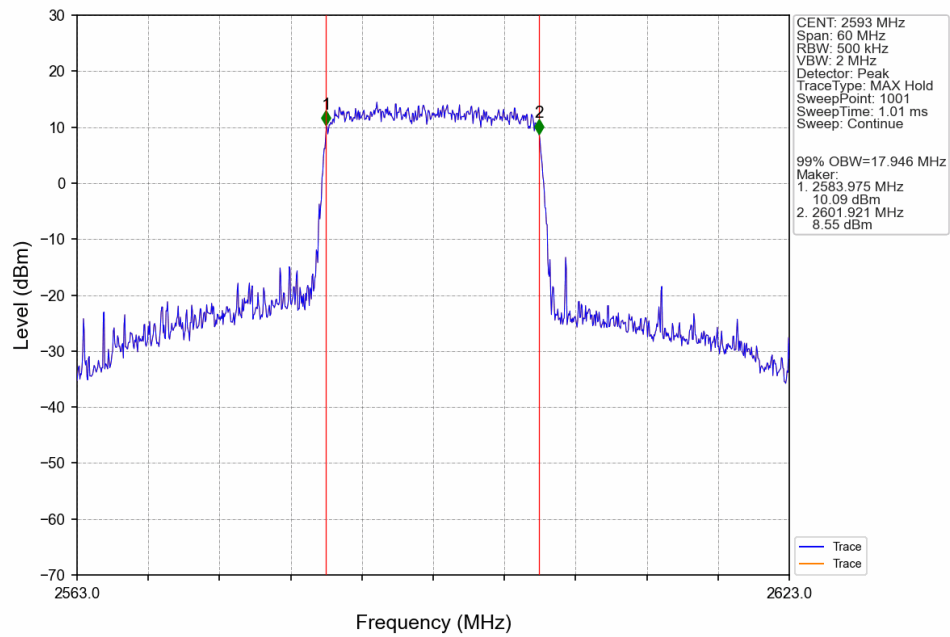
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



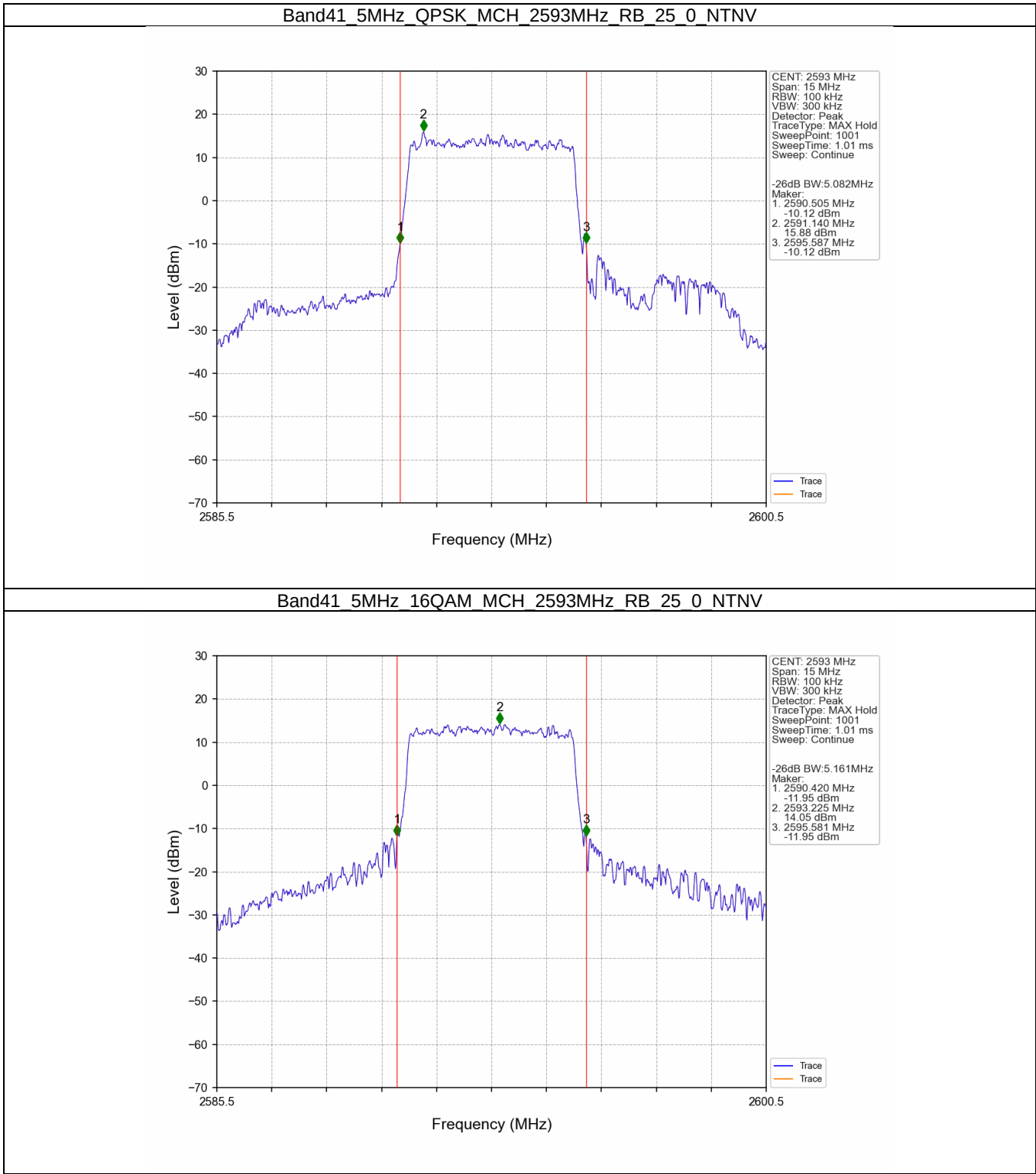
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



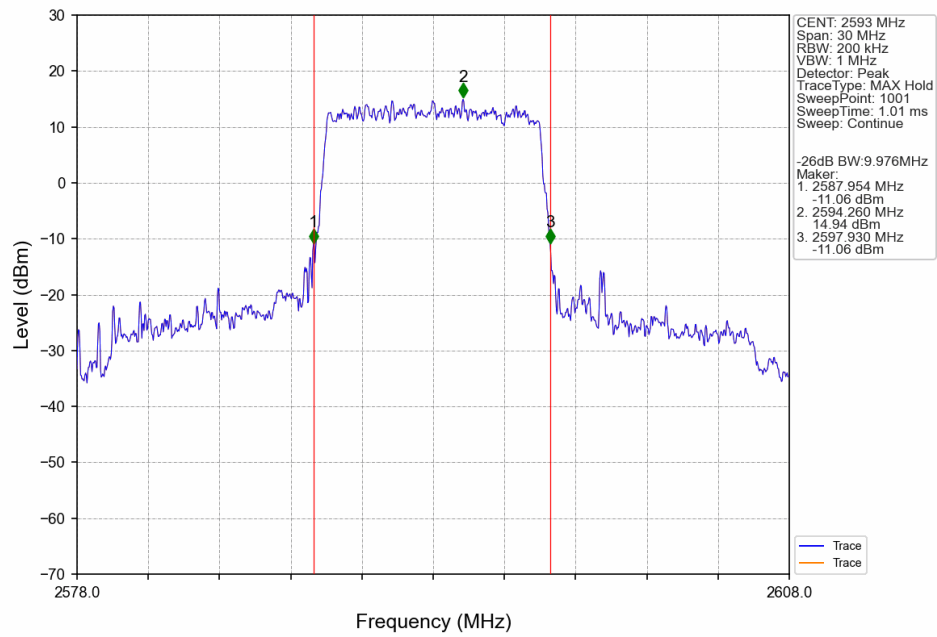
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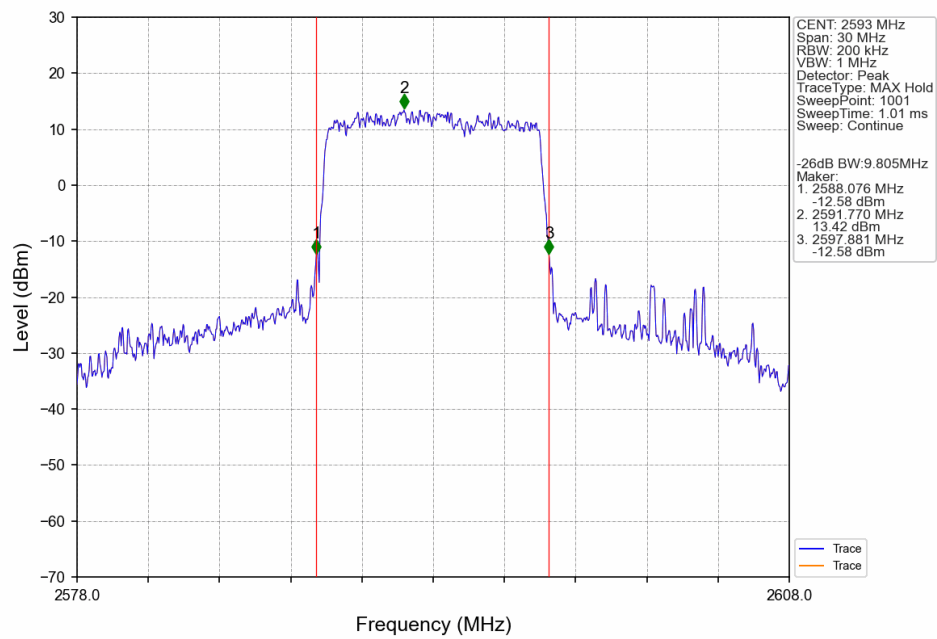
3.2.2 Band41_XDB



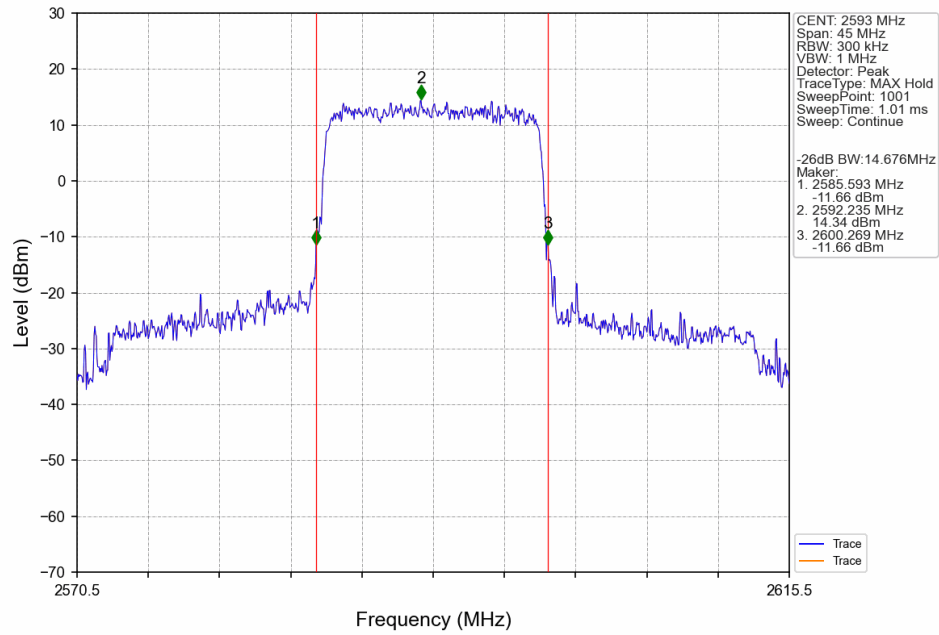
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



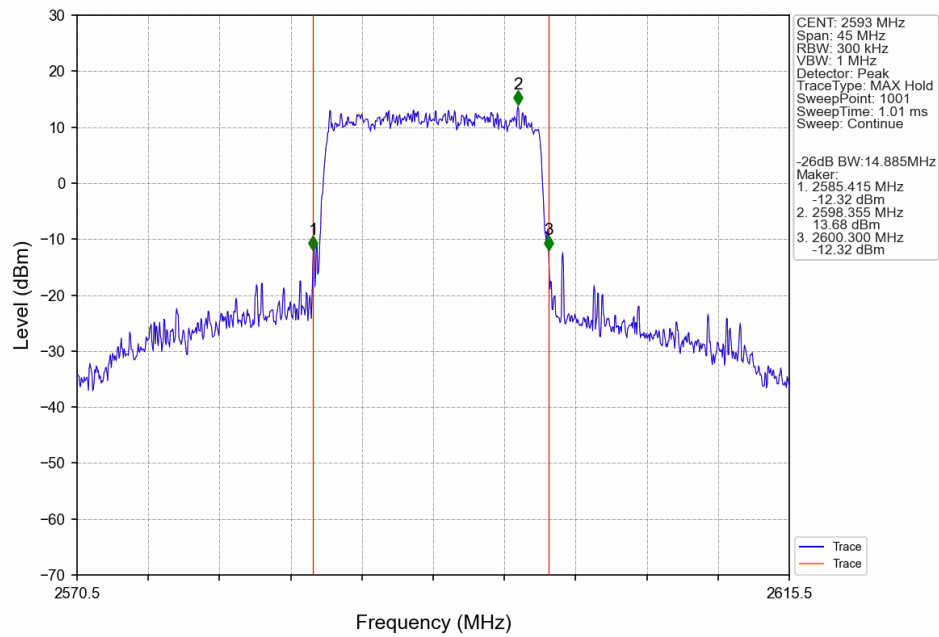
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



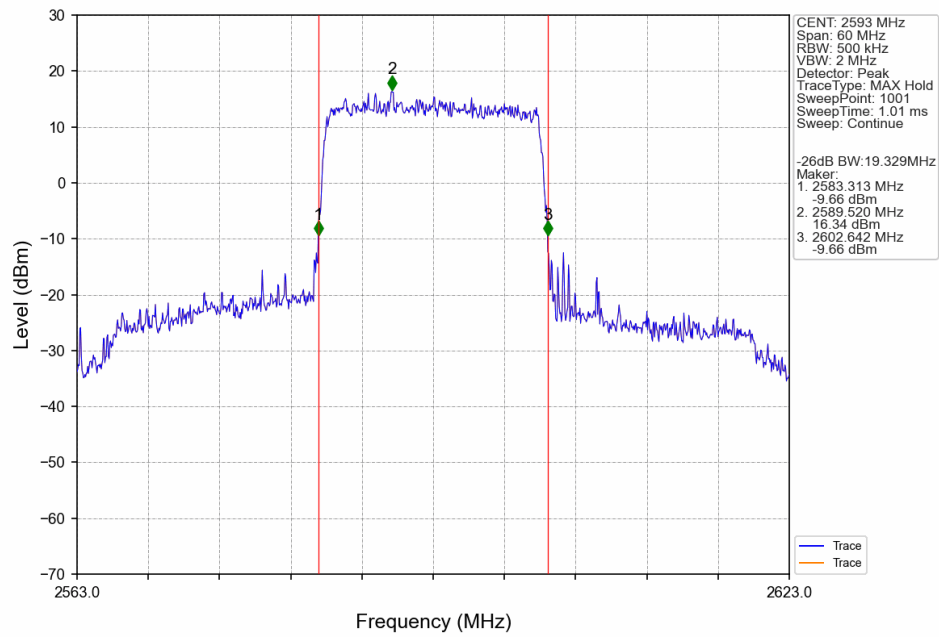
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



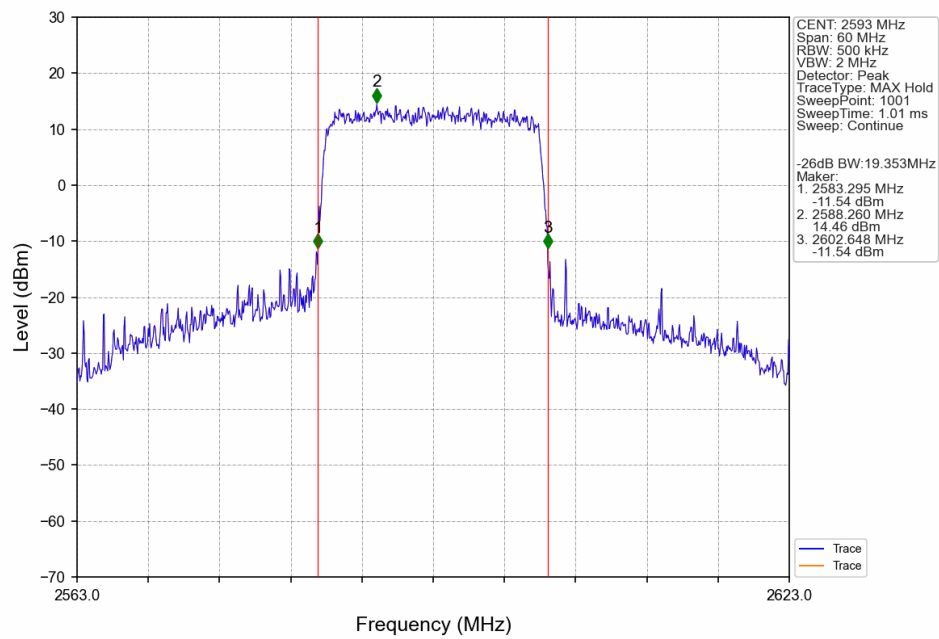
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

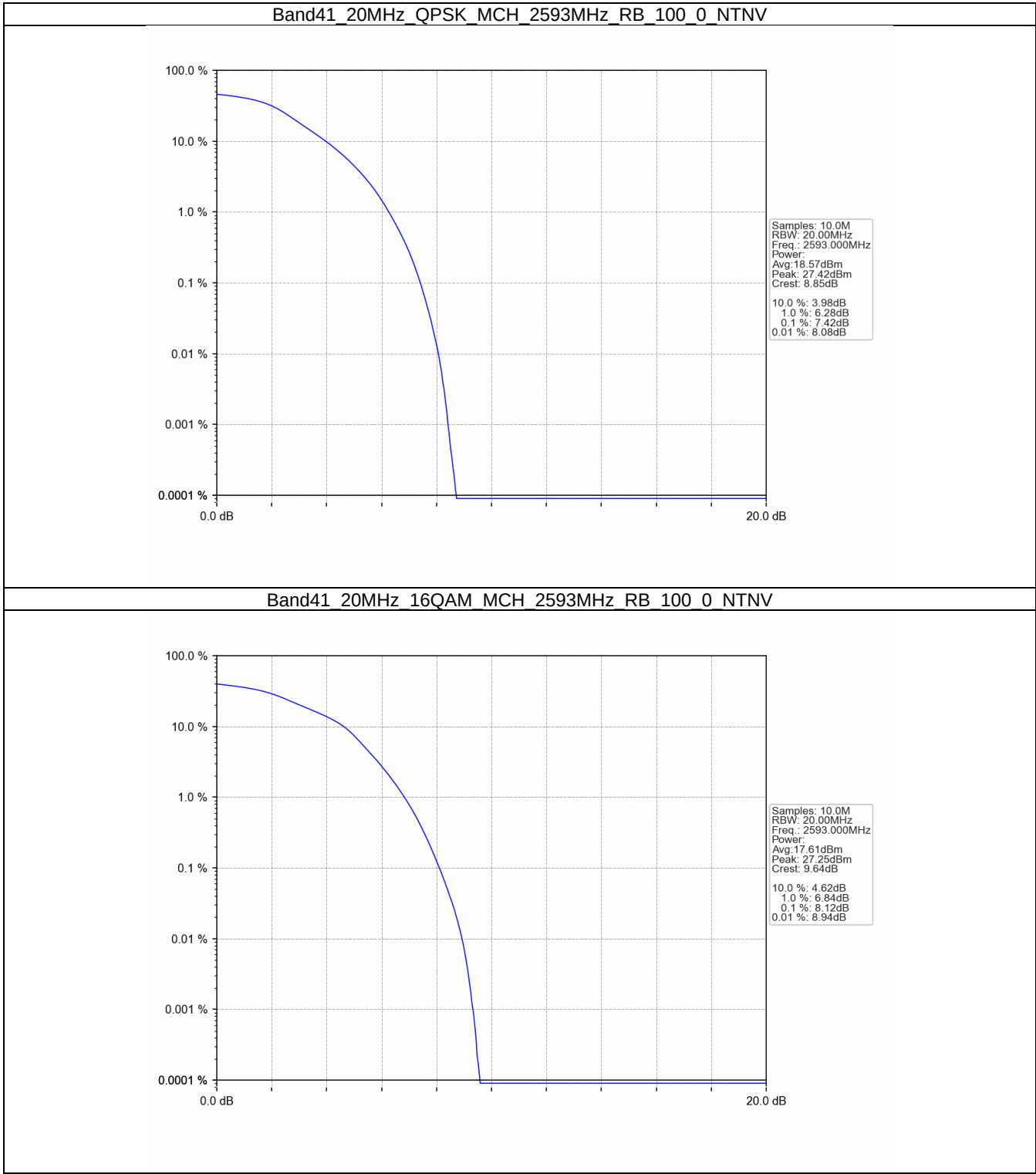
4.1 Test Result

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	7.42	<=13	Pass
16QAM	2593	100	0	8.12	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
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 / NTV						
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

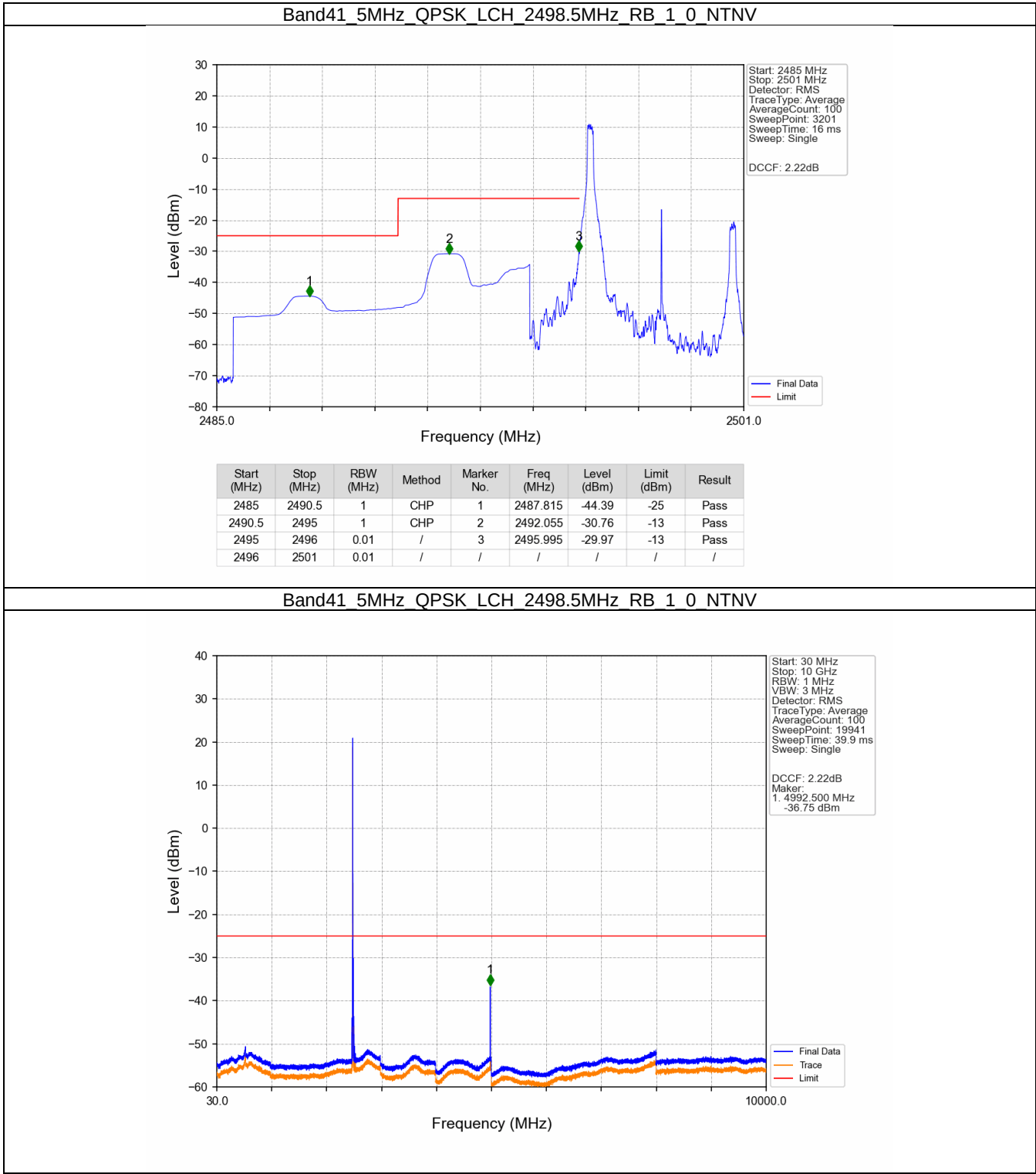
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

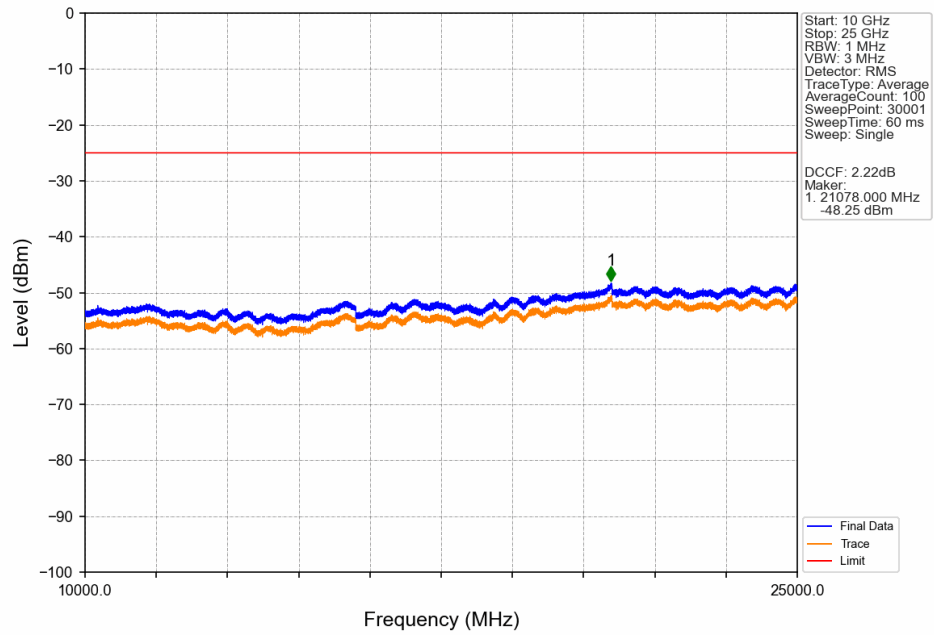
Band: 41 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

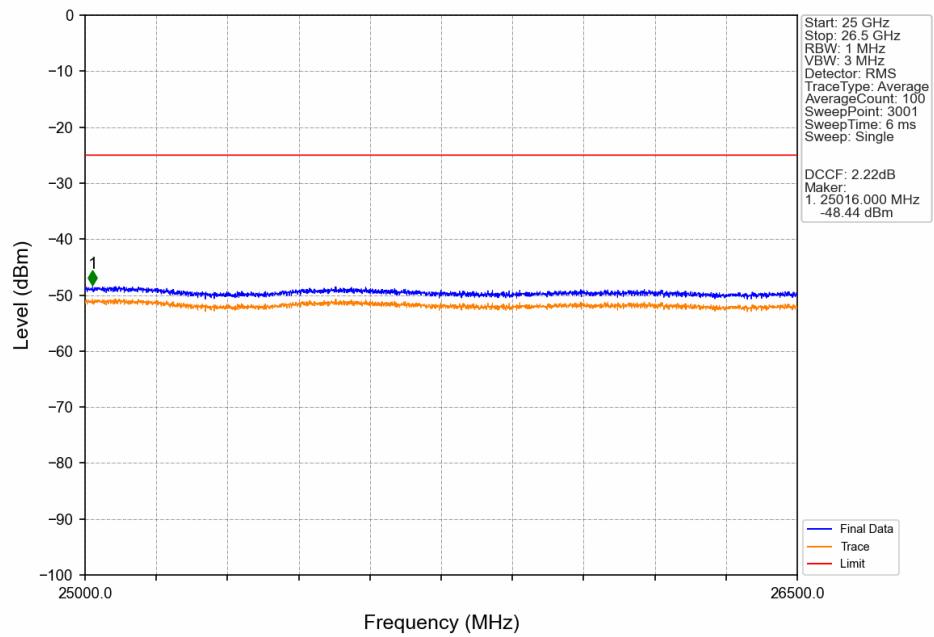
5.2.1 B41_5MHz



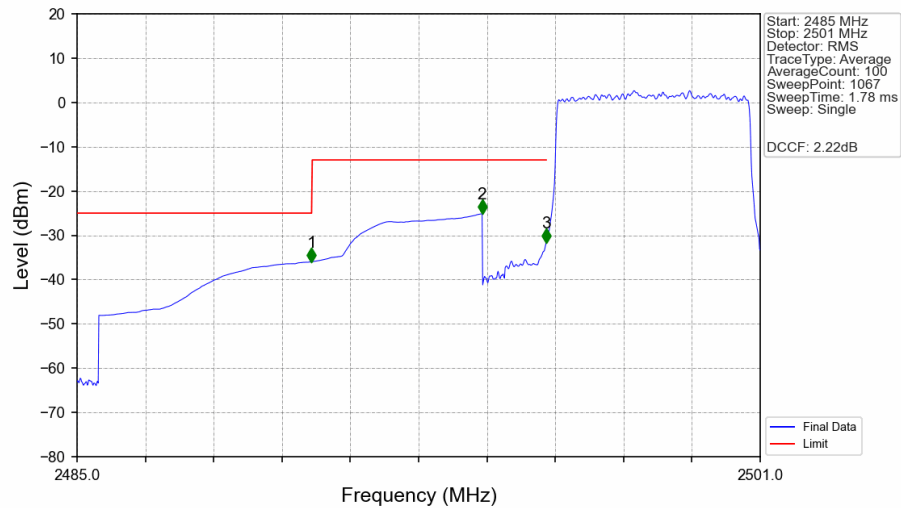
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

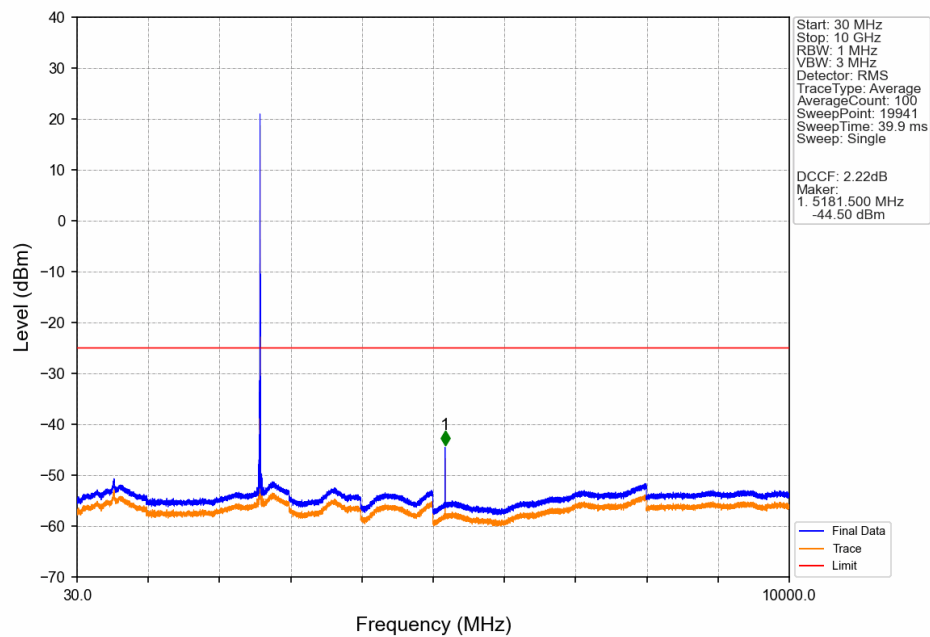


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

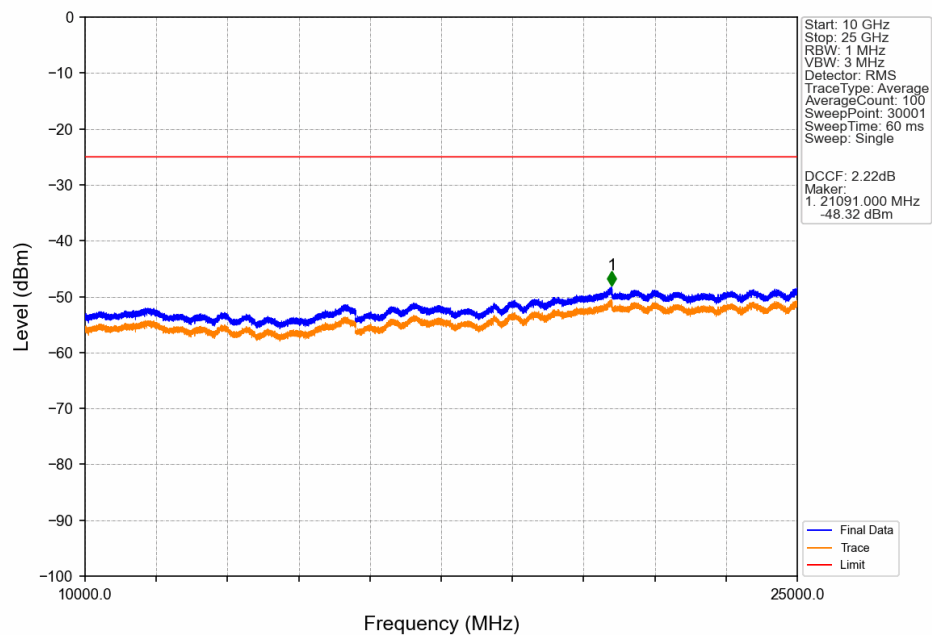


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-35.98	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-25.14	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-31.65	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

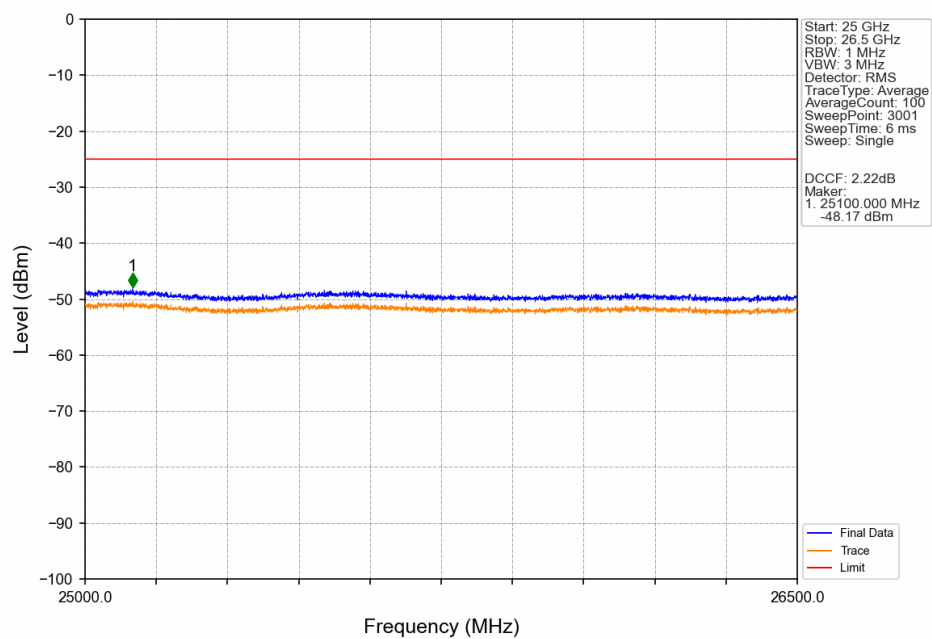
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



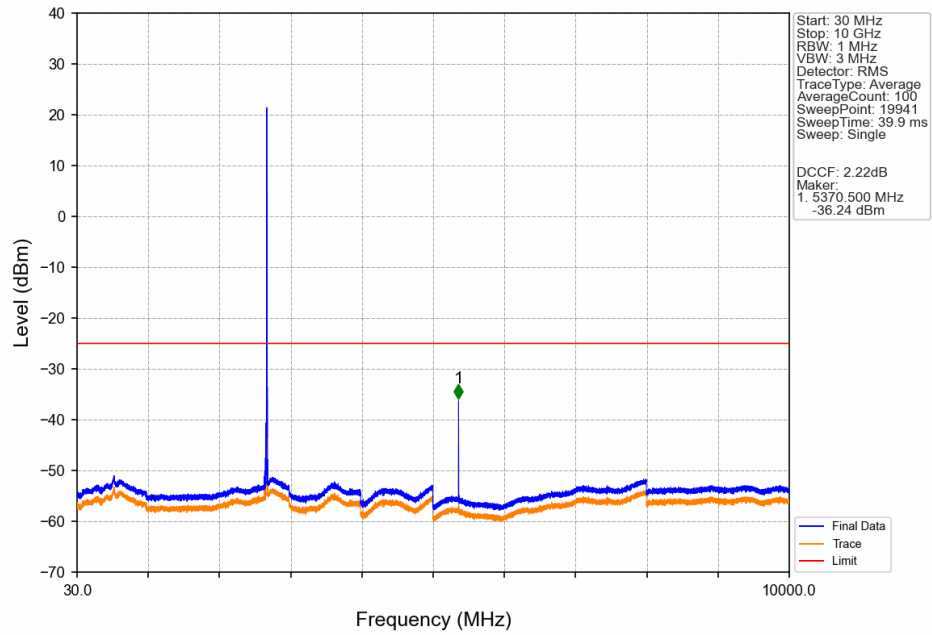
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



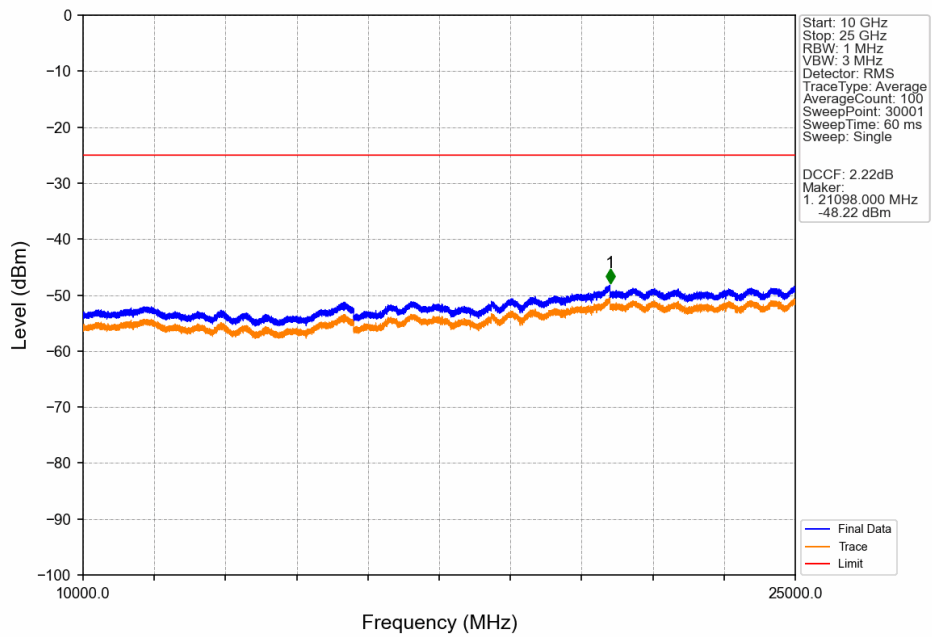
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



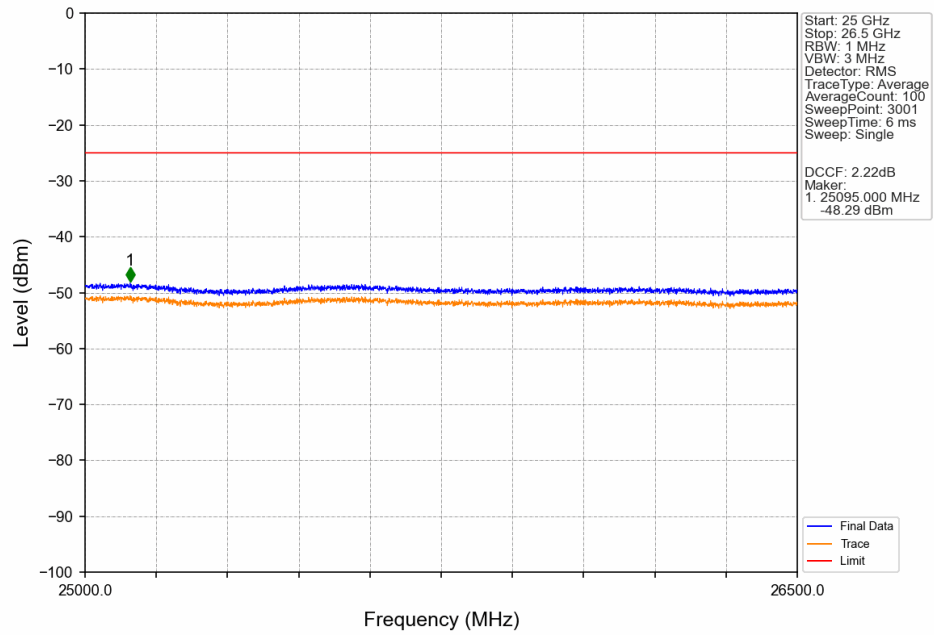
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



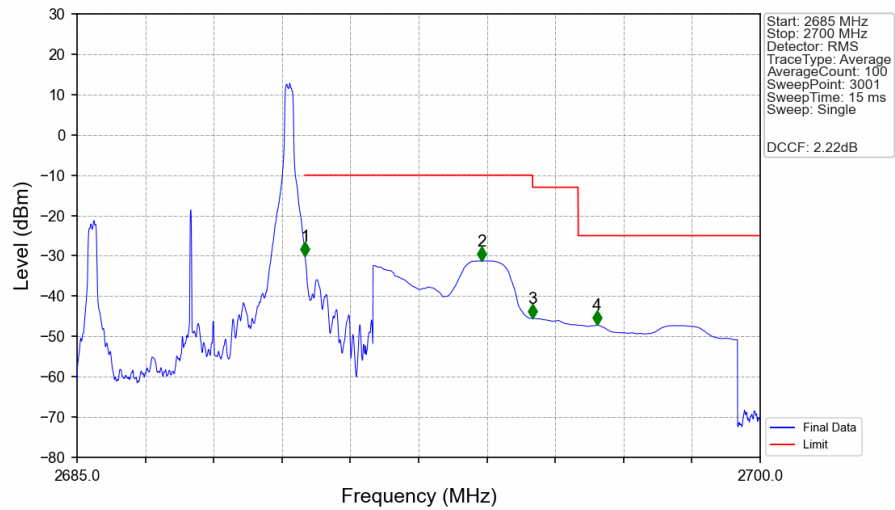
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

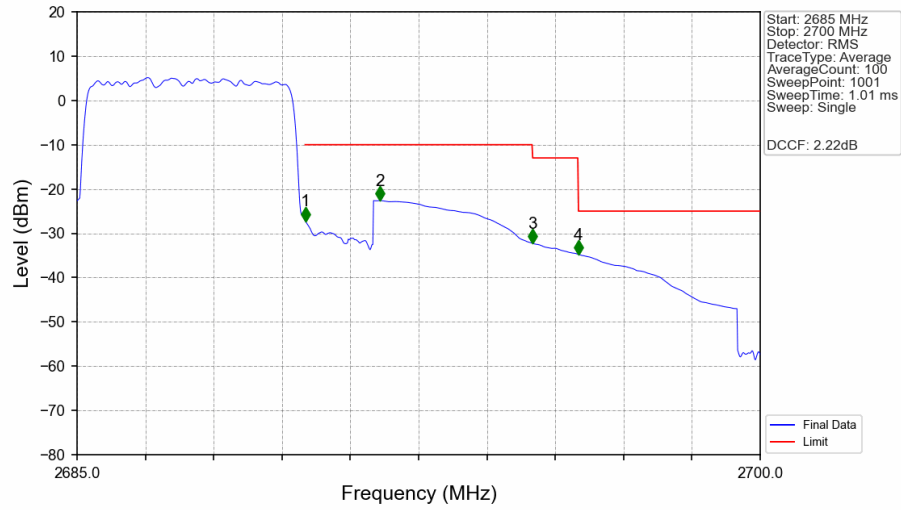


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



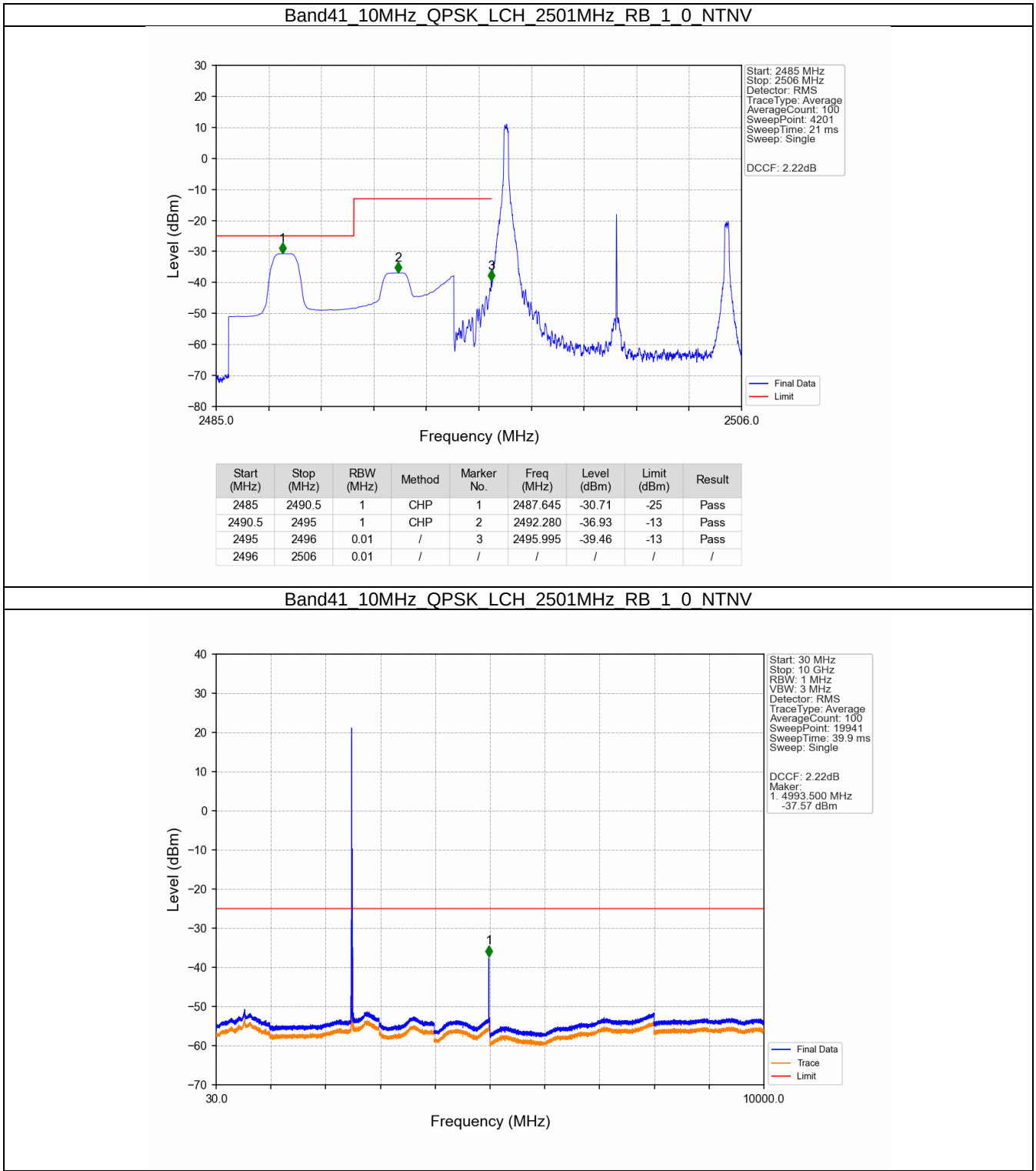
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-30.13	-10	Pass
2691	2695	1	CHP	2	2693.885	-31.28	-10	Pass
2695	2696	1	CHP	3	2695.005	-45.53	-13	Pass
2696	2700	1	CHP	4	2696.415	-47.17	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

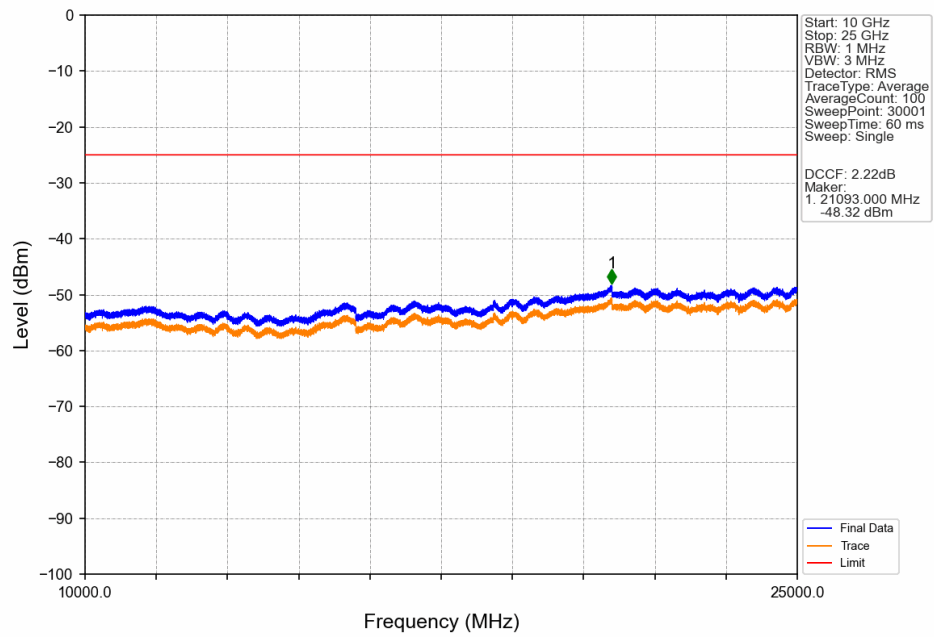


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.102	CHP	/	/	/	/	/
2690	2691	0.102	CHP	1	2690.010	-27.21	-10	Pass
2691	2695	1	CHP	2	2691.645	-22.62	-10	Pass
2695	2696	1	CHP	3	2695.005	-32.29	-13	Pass
2696	2700	1	CHP	4	2696.010	-34.80	-25	Pass

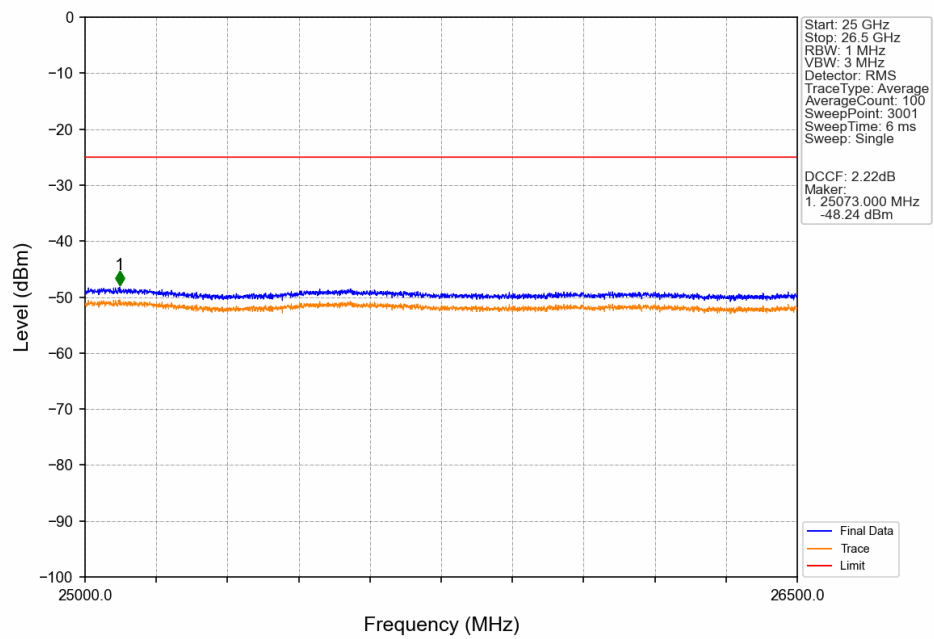
5.2.2 B41_10MHz



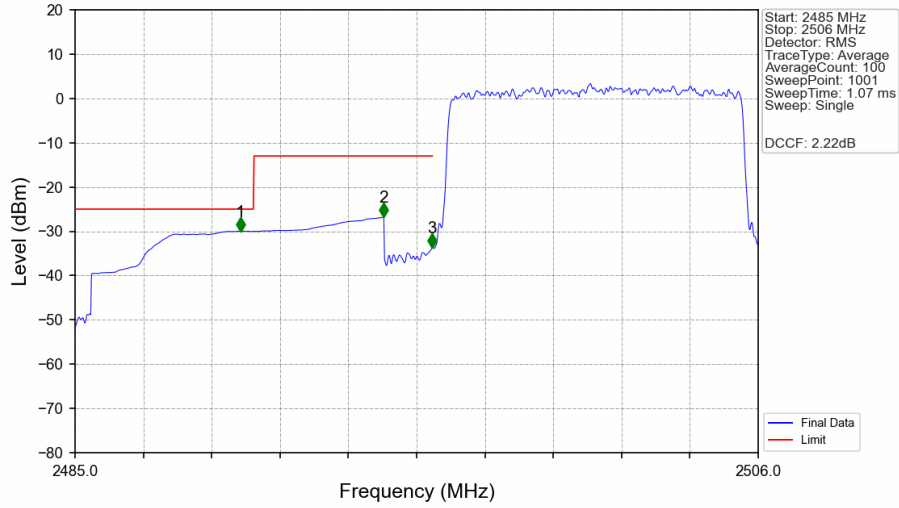
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

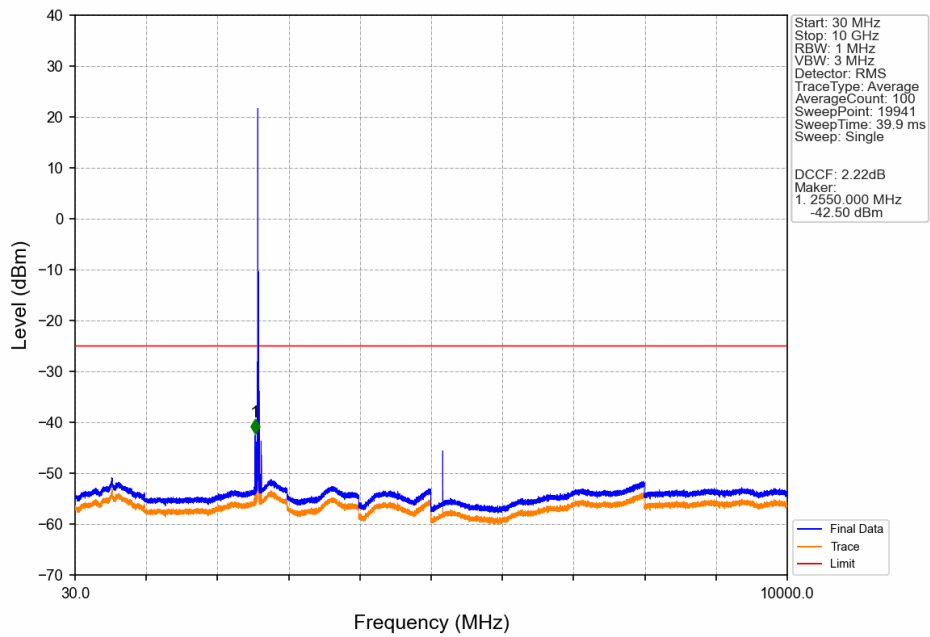


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

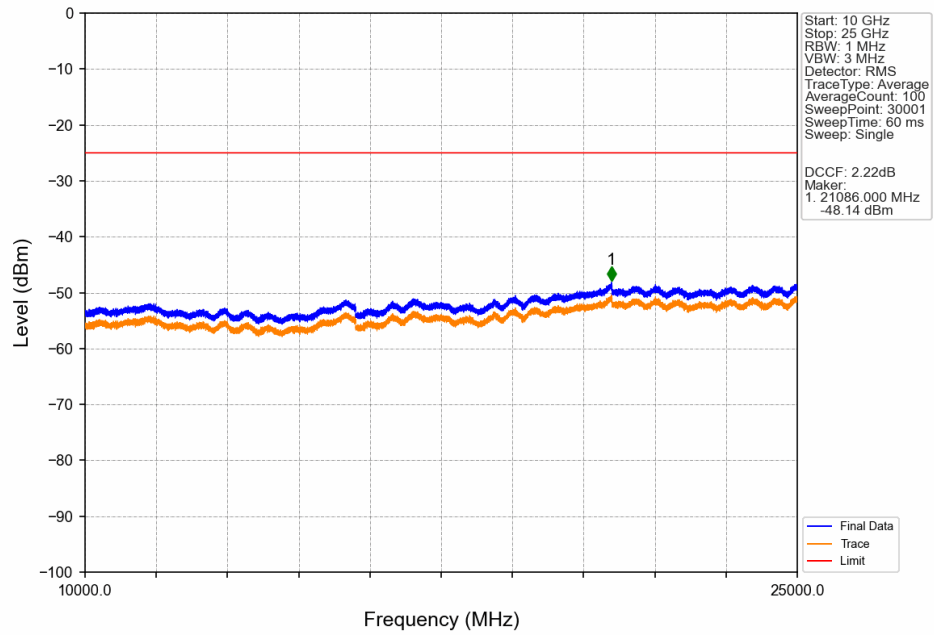


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.082	-29.96	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-26.78	-13	Pass
2495	2496	0.1	/	3	2495.983	-33.66	-13	Pass
2496	2506	0.1	/	/	/	/	/	/

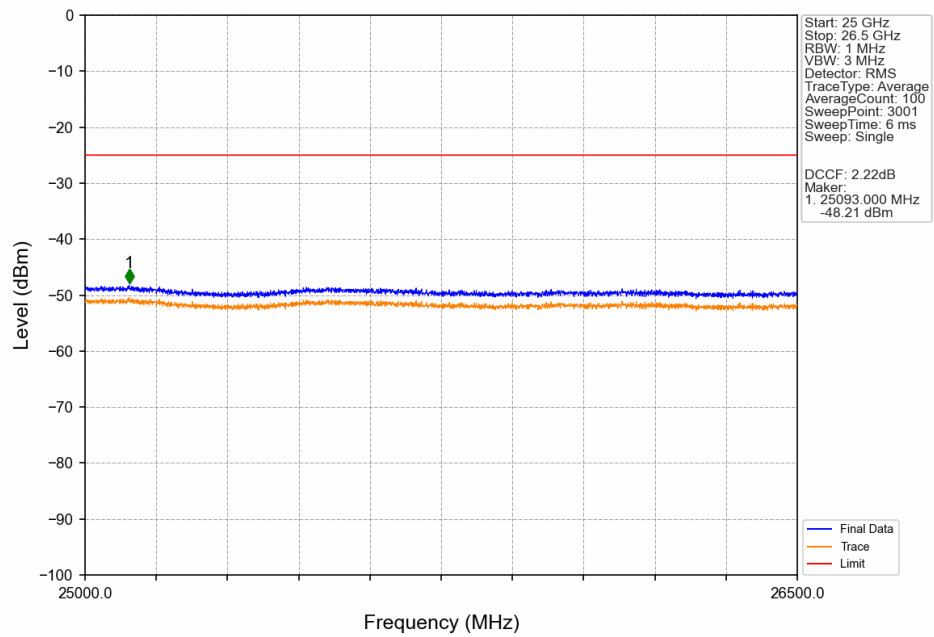
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



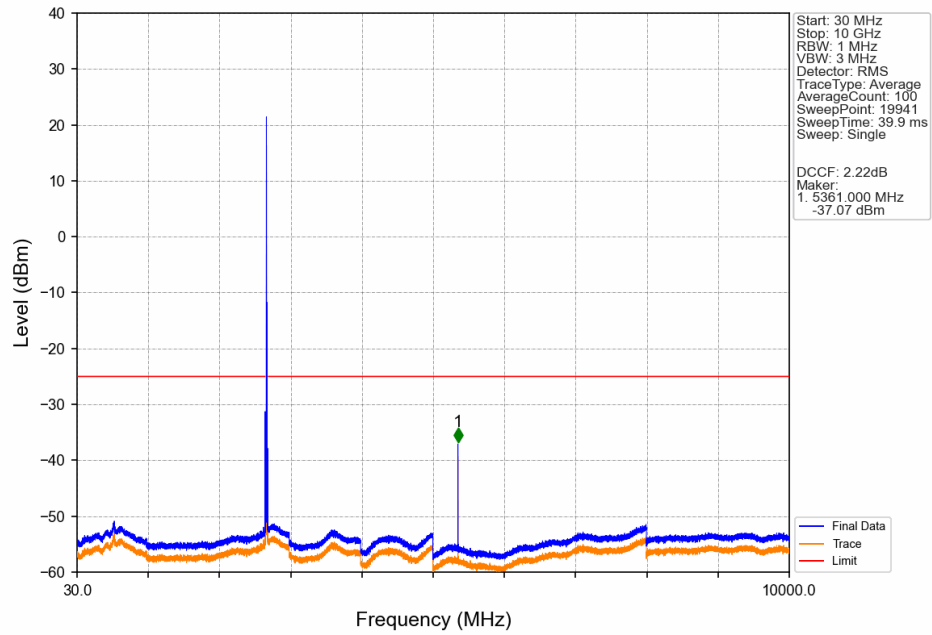
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



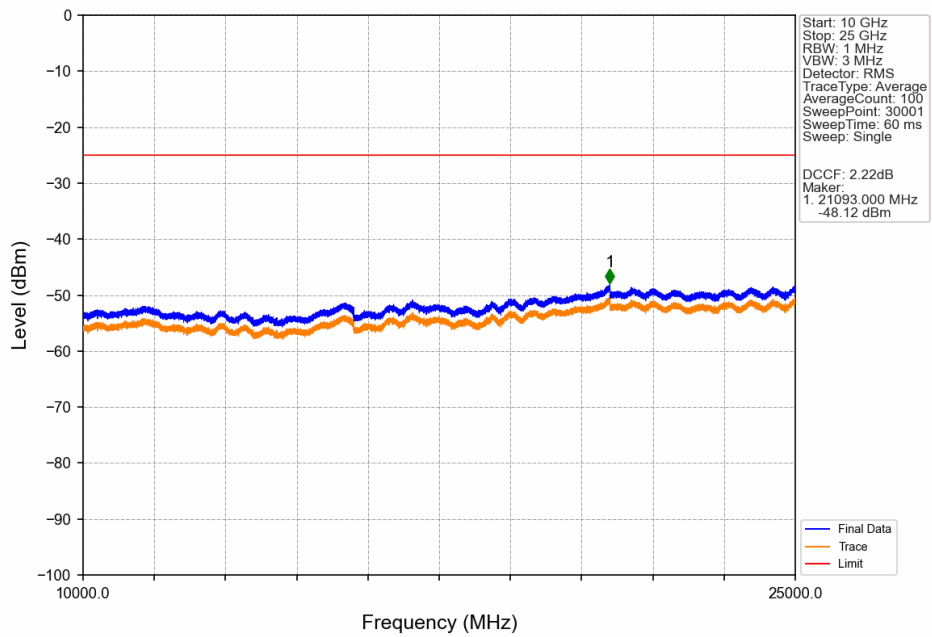
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



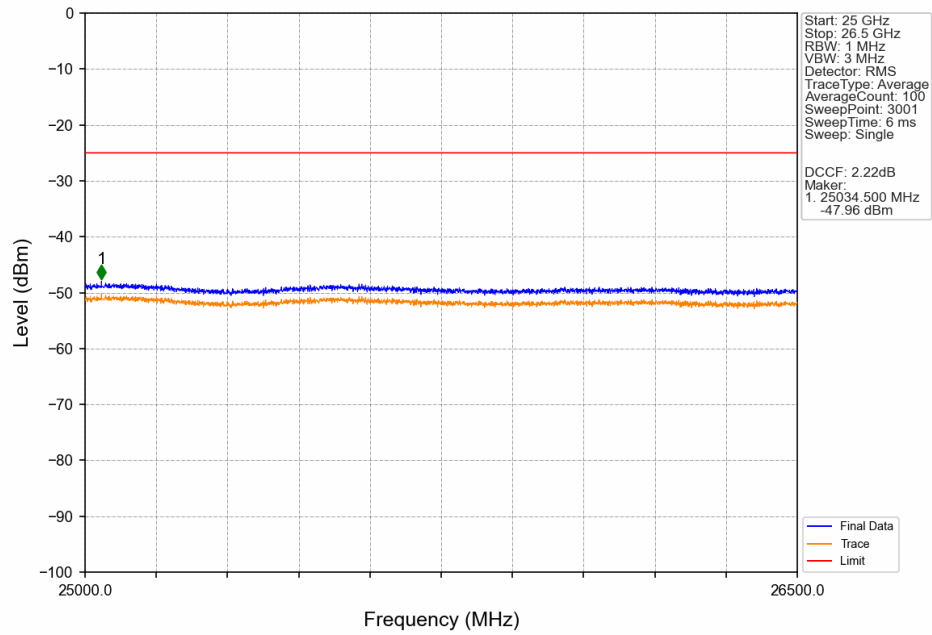
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



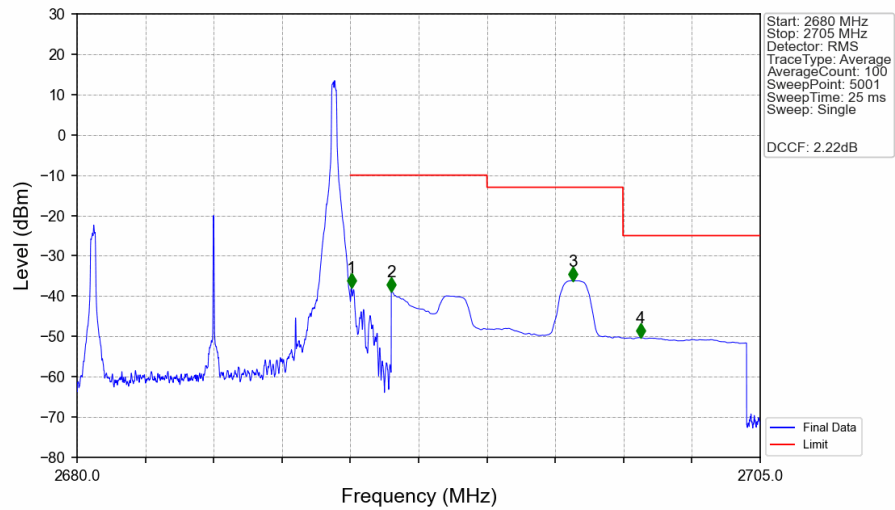
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

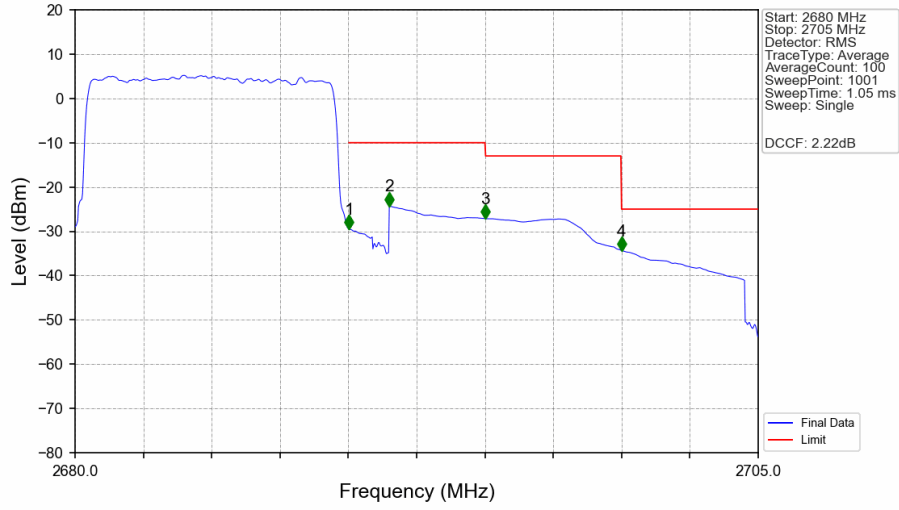


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



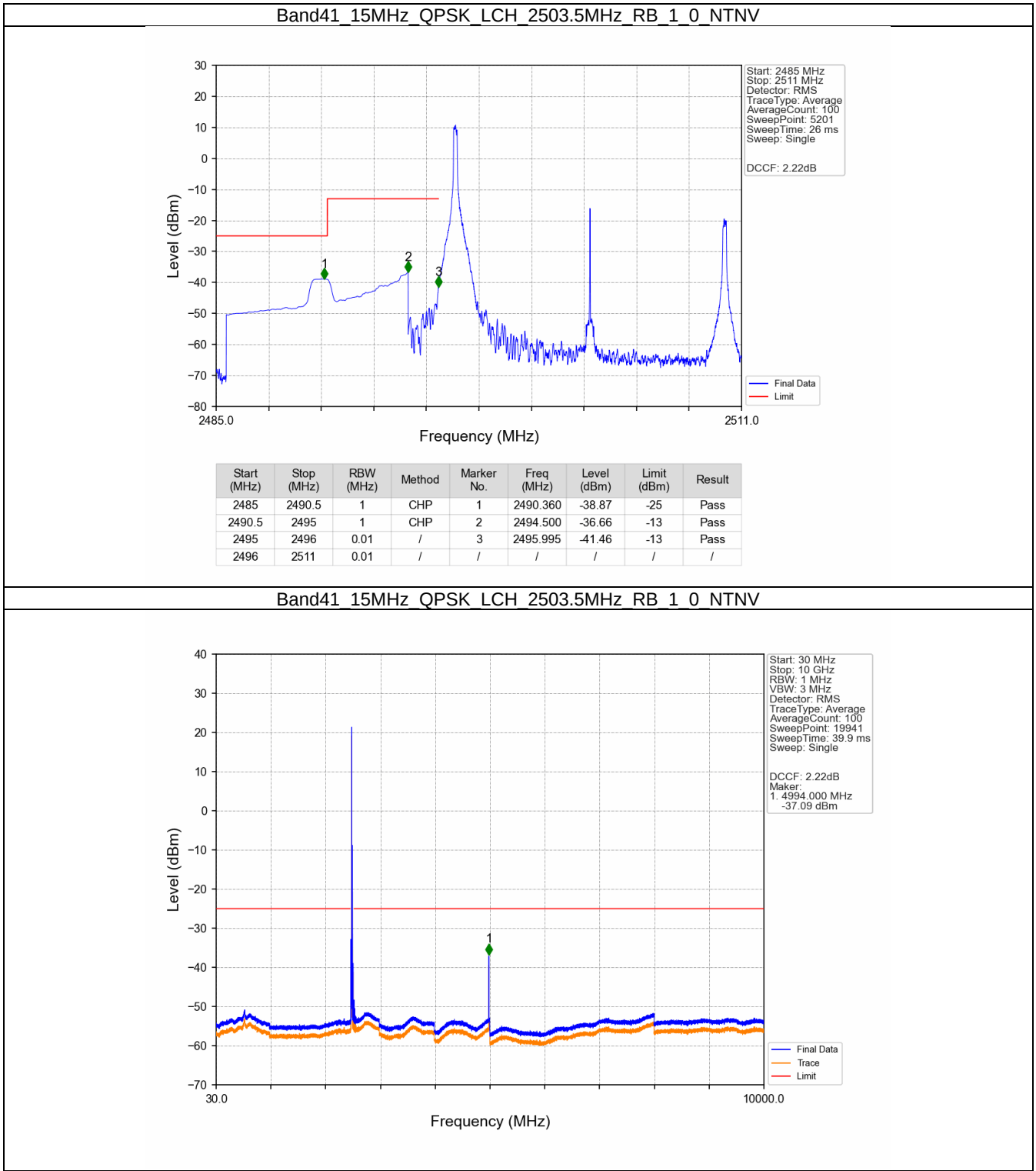
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.040	-37.87	-10	Pass
2691	2695	1	CHP	2	2691.500	-38.81	-10	Pass
2695	2699.976	1	CHP	3	2698.135	-36.19	-13	Pass
2699.976	2705	1	CHP	4	2700.620	-50.27	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

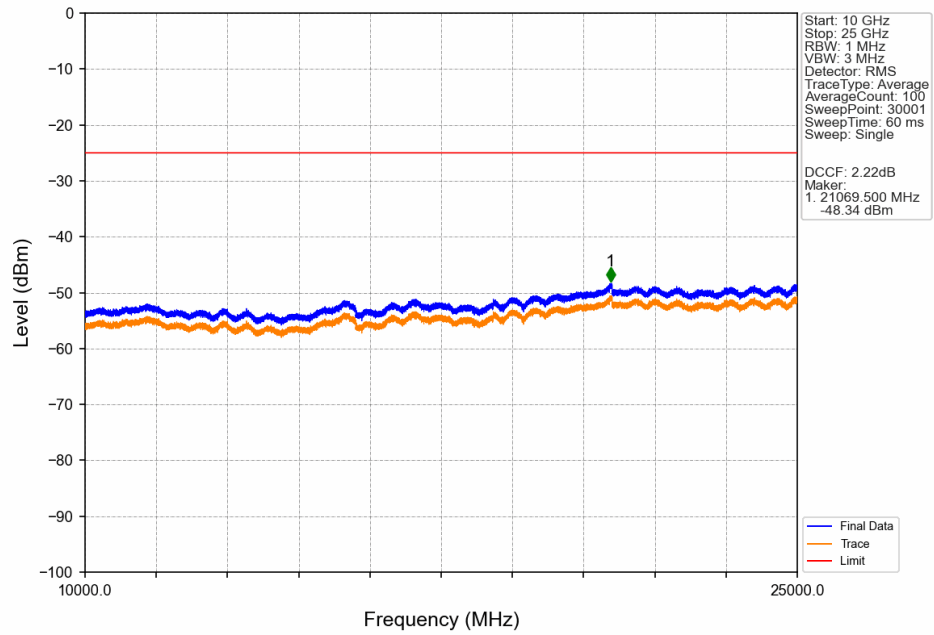


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.2	CHP	/	/	/	/	/
2690	2691	0.2	CHP	1	2690.025	-29.47	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.30	-10	Pass
2695	2699.976	1	CHP	3	2695.025	-27.14	-13	Pass
2699.976	2705	1	CHP	4	2700.000	-34.34	-25	Pass

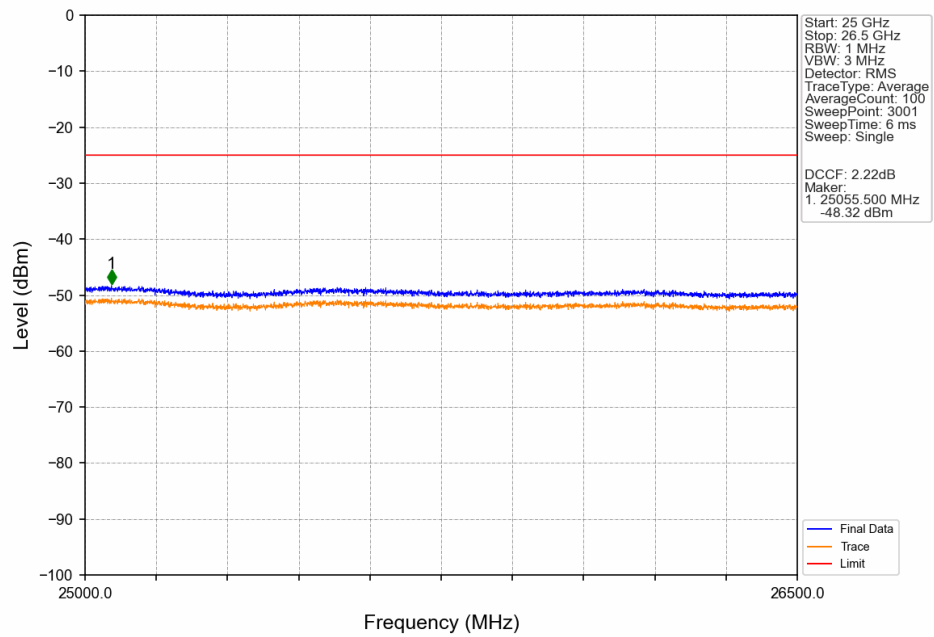
5.2.3 B41_15MHz



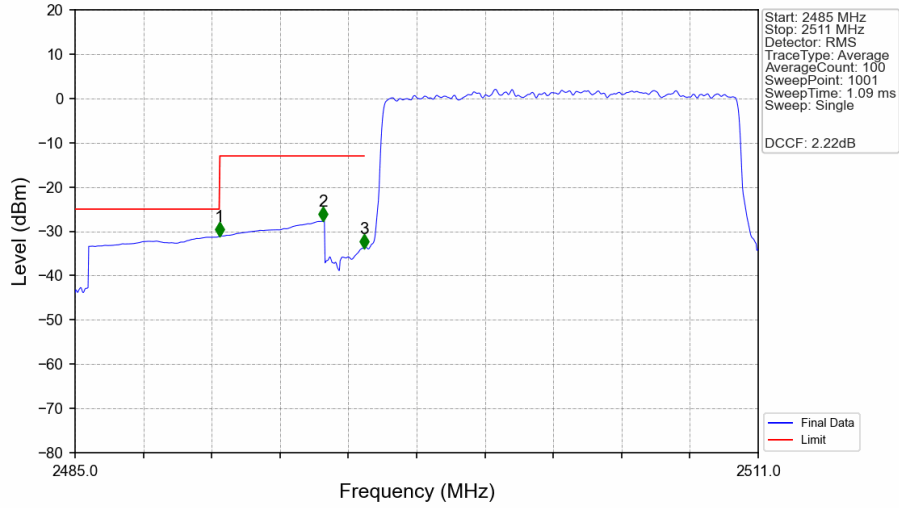
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

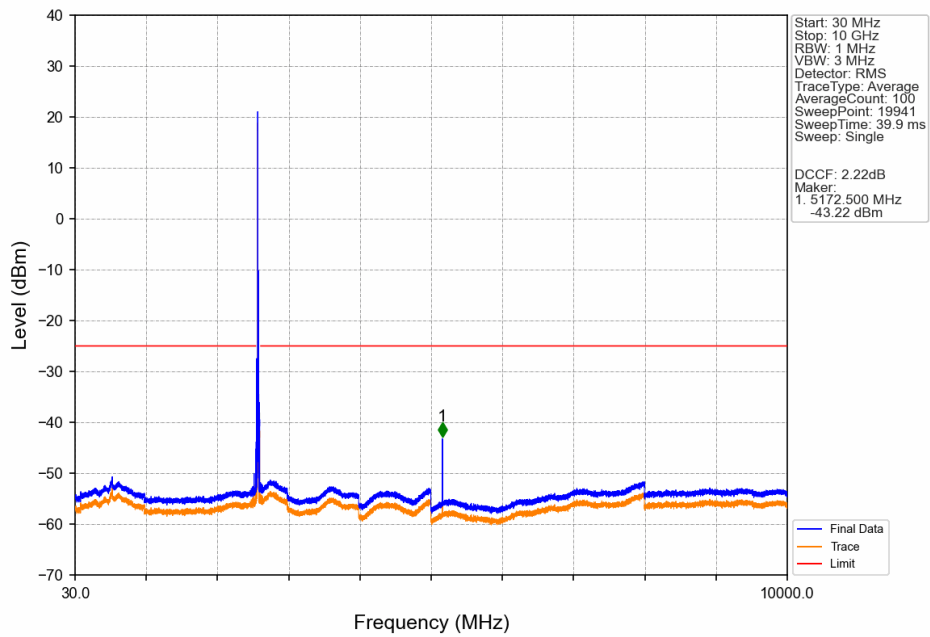


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

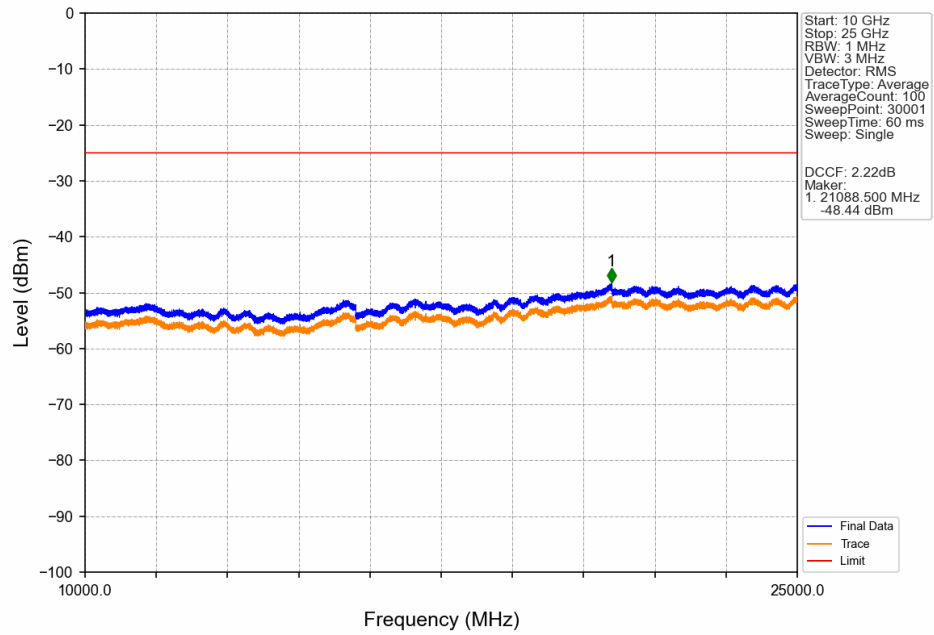


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-31.19	-25	Pass
2490.5	2495	1	CHP	2	2494.438	-27.72	-13	Pass
2495	2496	0.147	CHP	3	2495.998	-33.80	-13	Pass
2496	2511	0.147	CHP	/	/	/	/	/

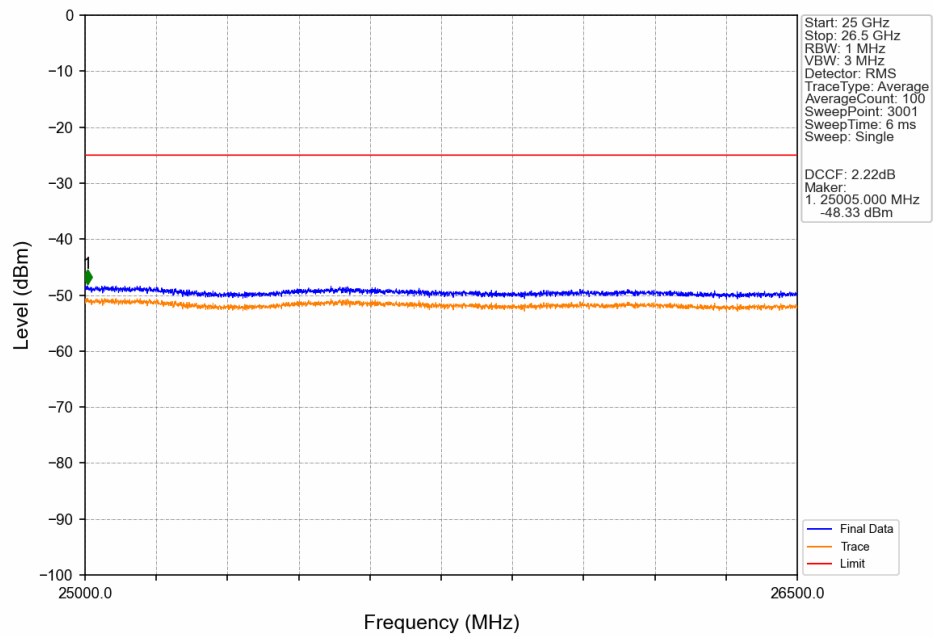
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



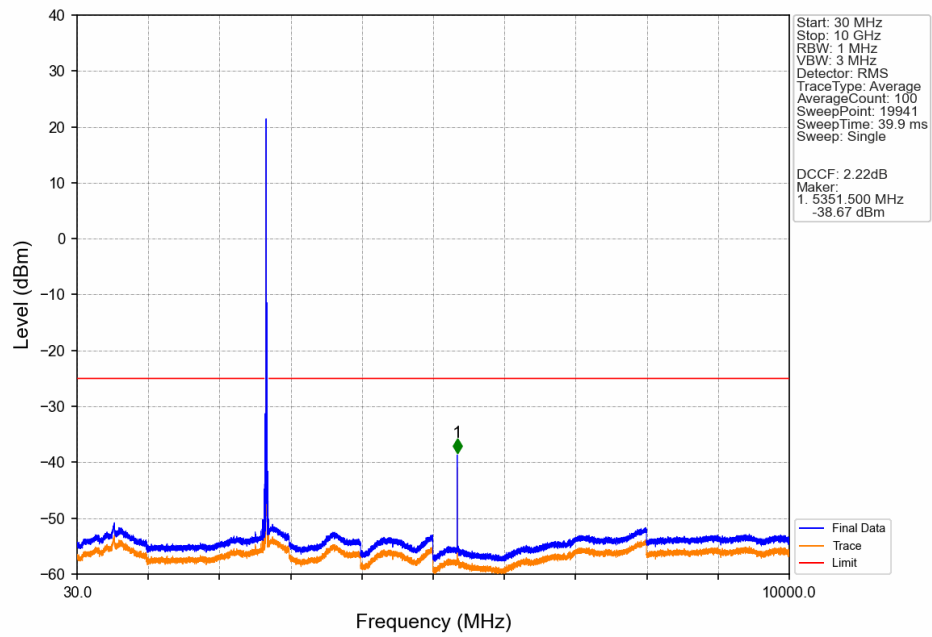
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



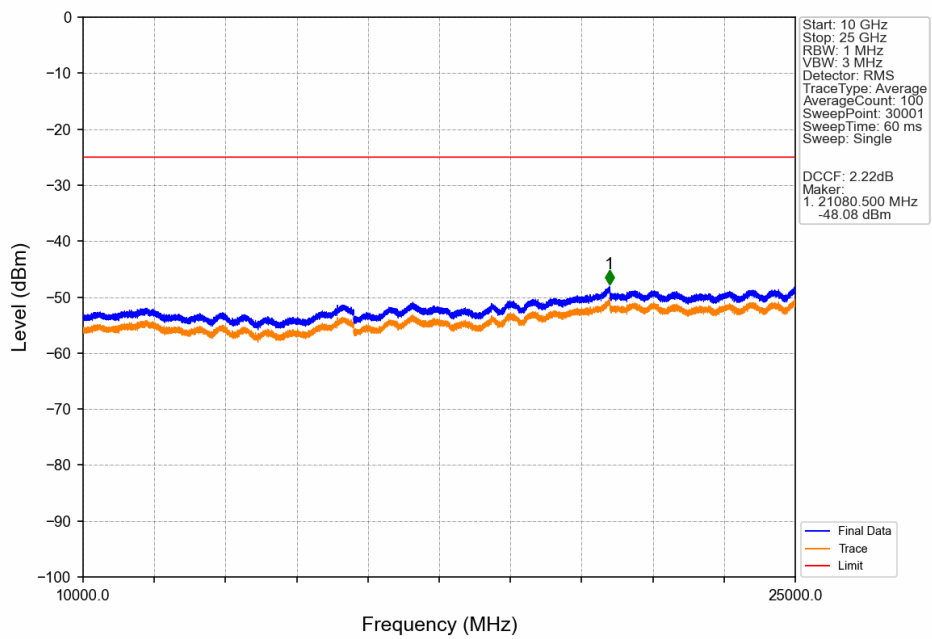
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



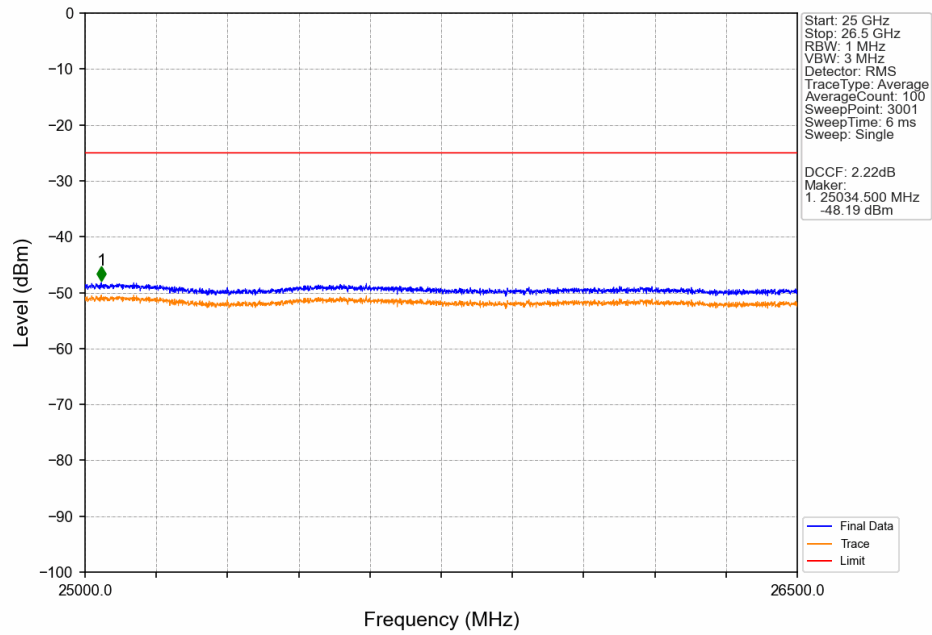
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



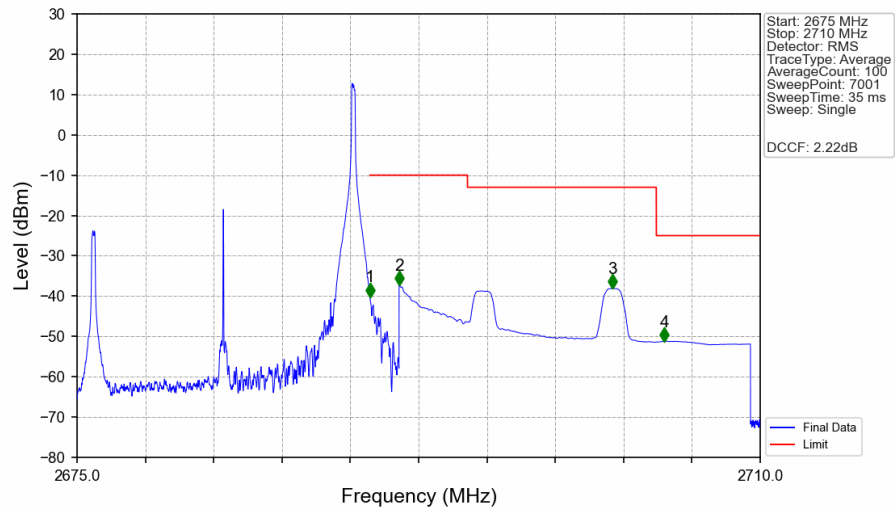
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

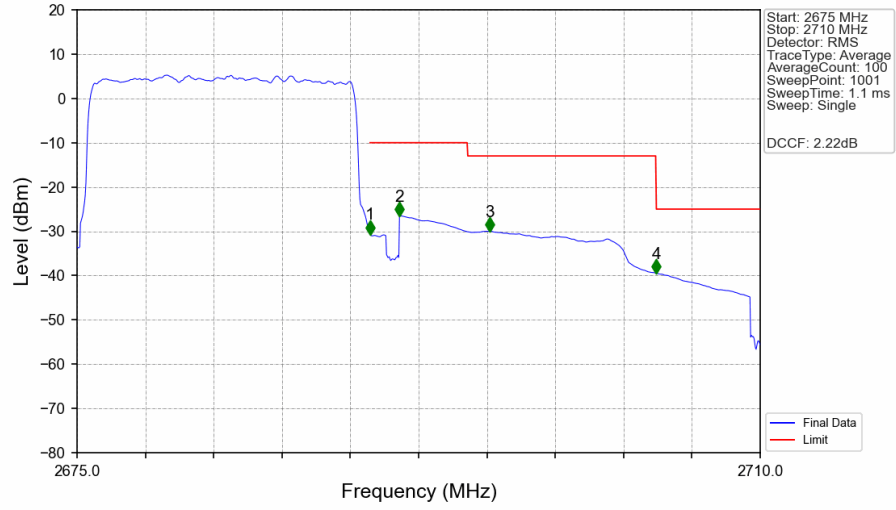


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



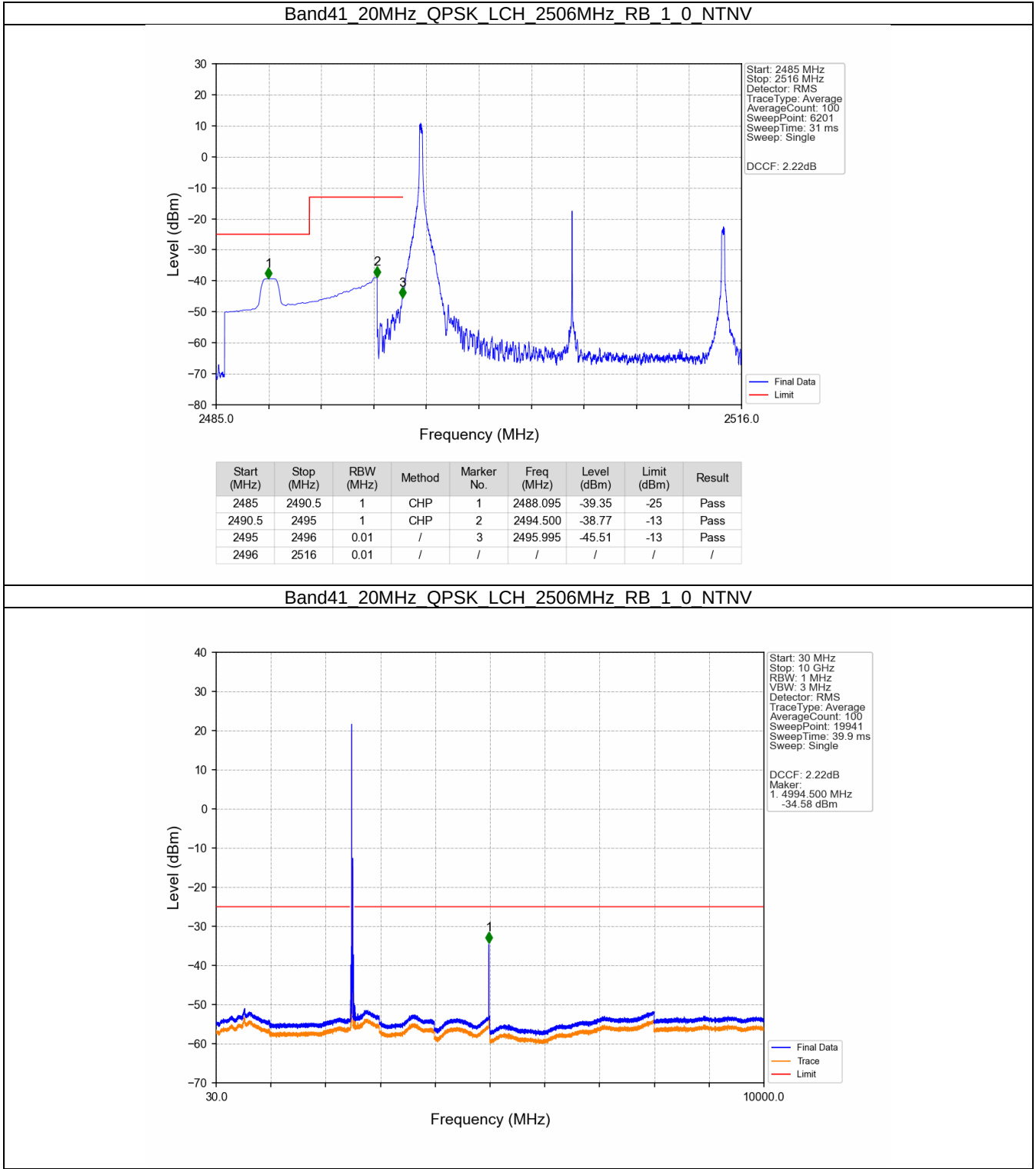
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-40.17	-10	Pass
2691	2695	1	CHP	2	2691.500	-37.28	-10	Pass
2695	2704.676	1	CHP	3	2702.435	-38.10	-13	Pass
2704.676	2710	1	CHP	4	2705.080	-51.20	-25	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

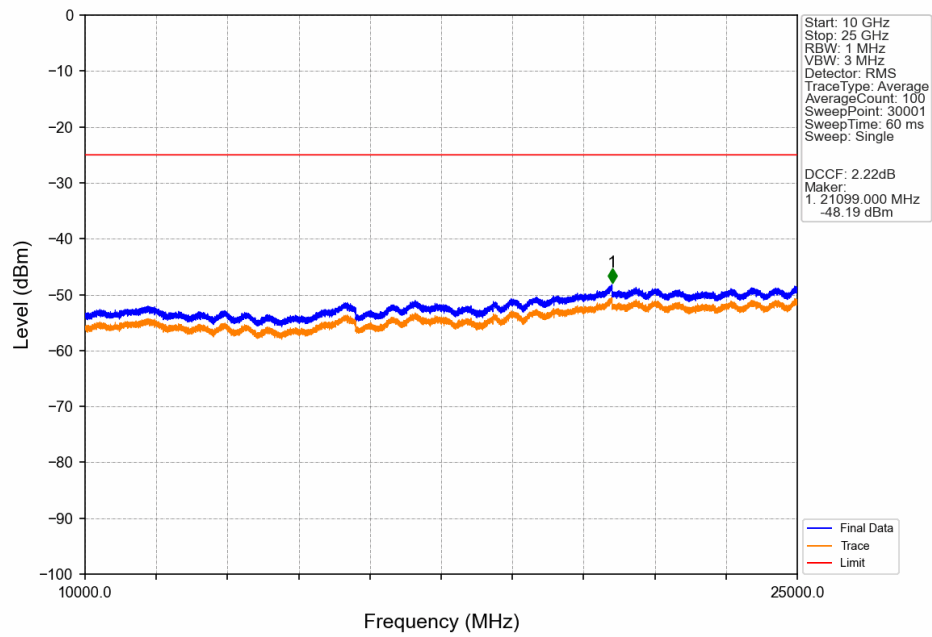


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.294	CHP	/	/	/	/	/
2690	2691	0.294	CHP	1	2690.015	-30.67	-10	Pass
2691	2695	1	CHP	2	2691.520	-26.52	-10	Pass
2695	2704.676	1	CHP	3	2696.140	-29.99	-13	Pass
2704.676	2710	1	CHP	4	2704.680	-39.51	-25	Pass

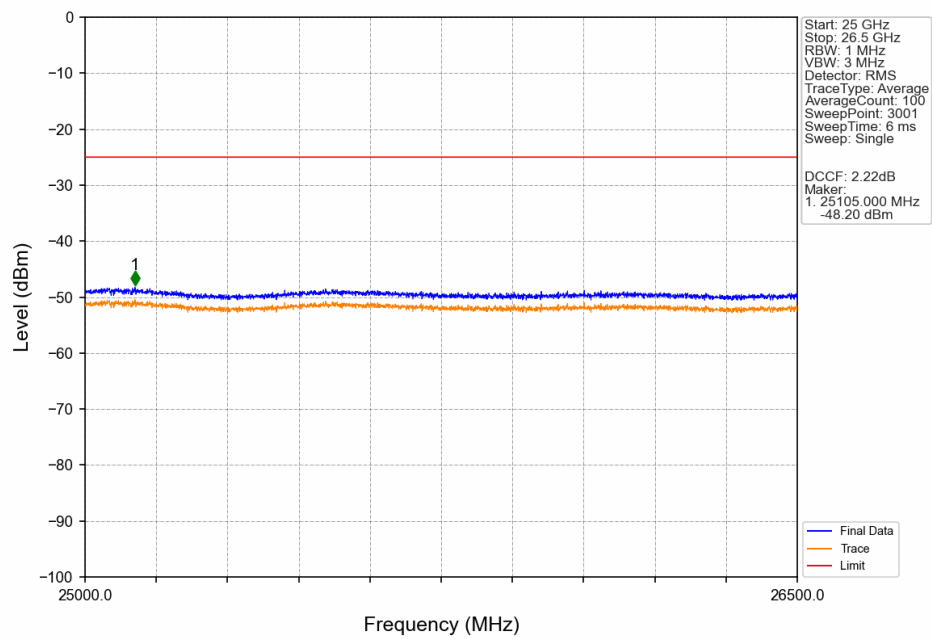
5.2.4 B41_20MHz



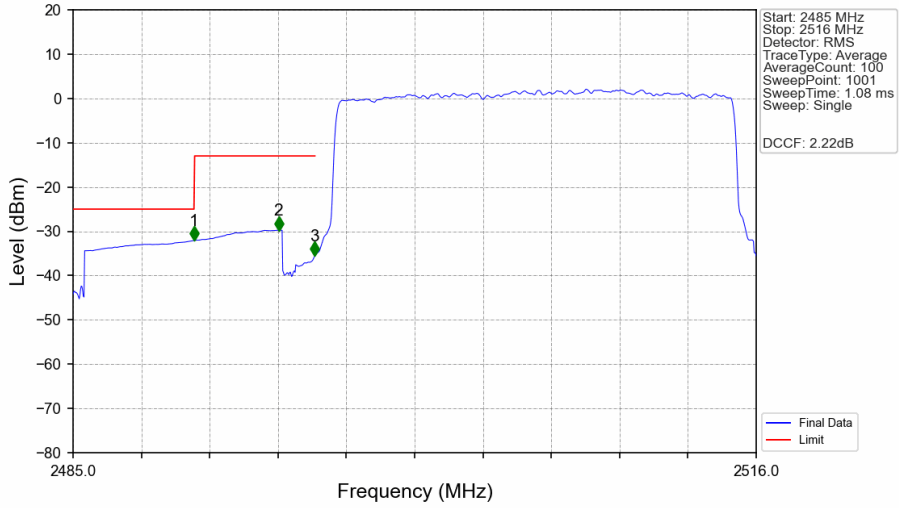
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

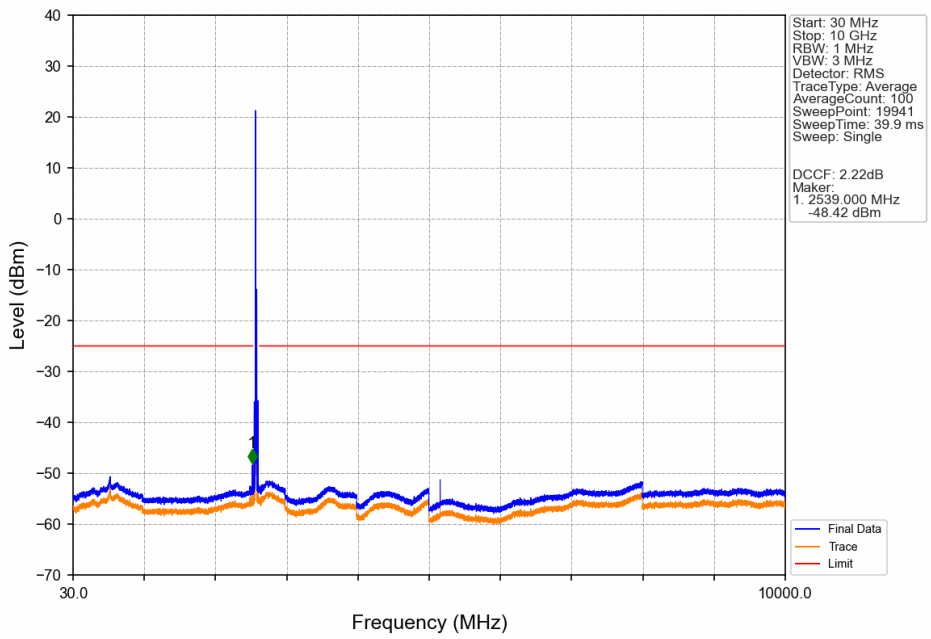


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

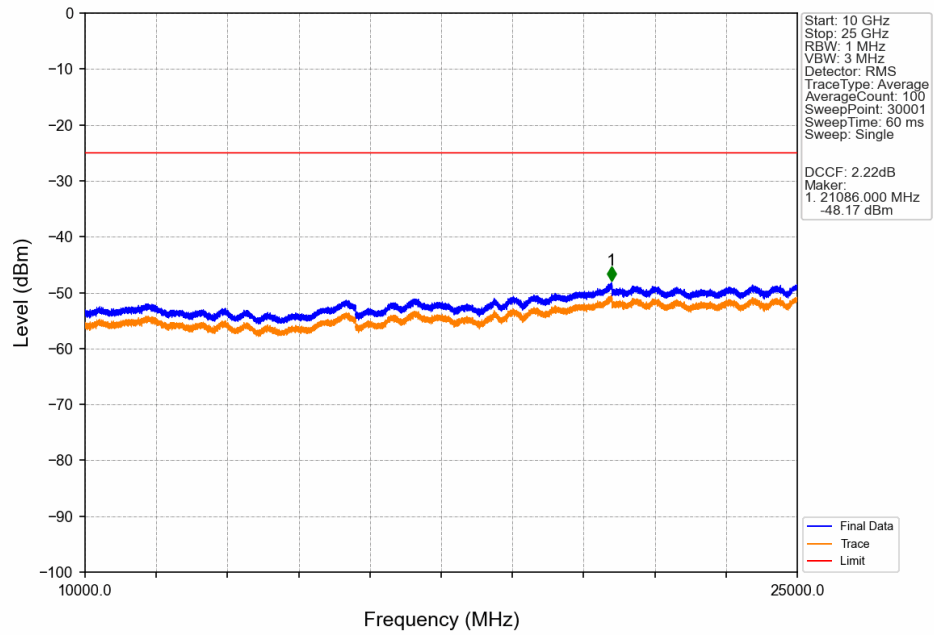


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-32.12	-25	Pass
2490.5	2495	1	CHP	2	2494.331	-29.76	-13	Pass
2495	2496	0.193	CHP	3	2495.974	-35.47	-13	Pass
2496	2516	0.193	CHP	/	/	/	/	/

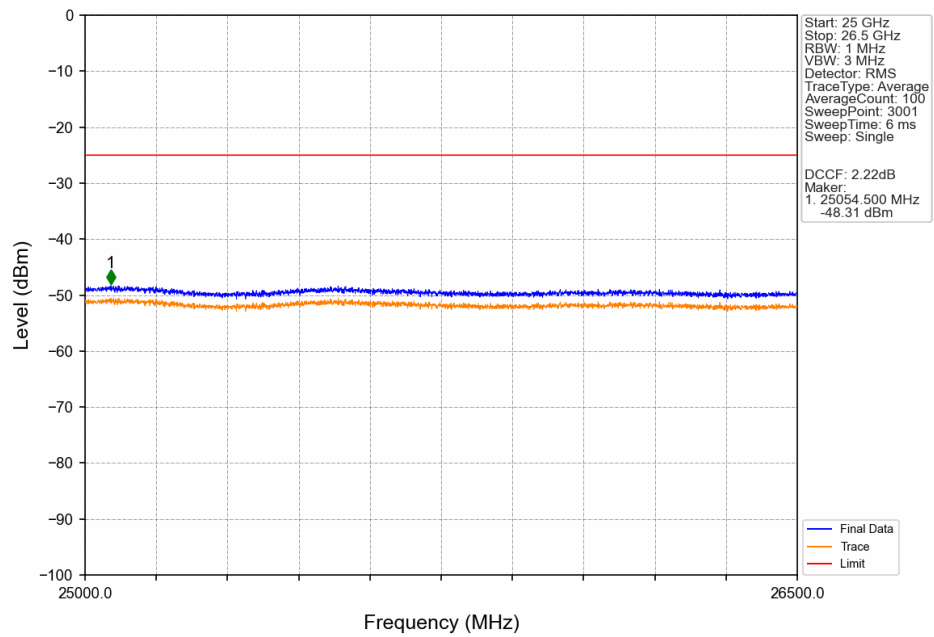
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



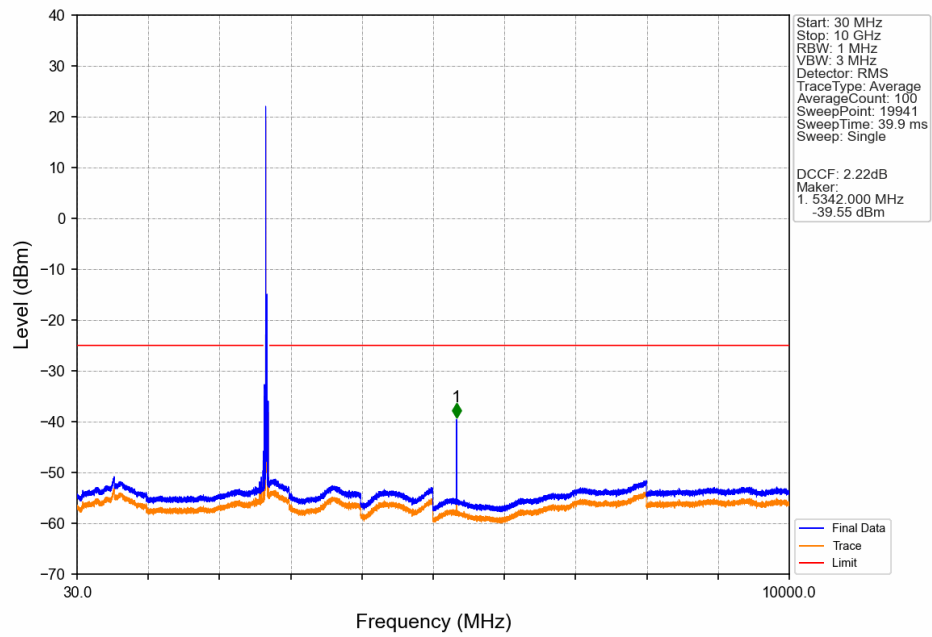
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



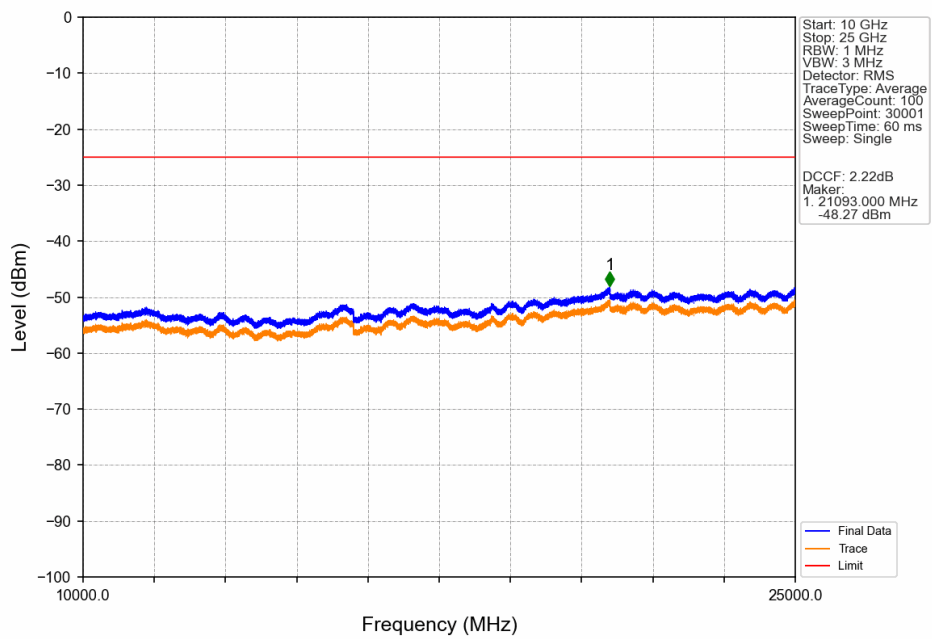
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



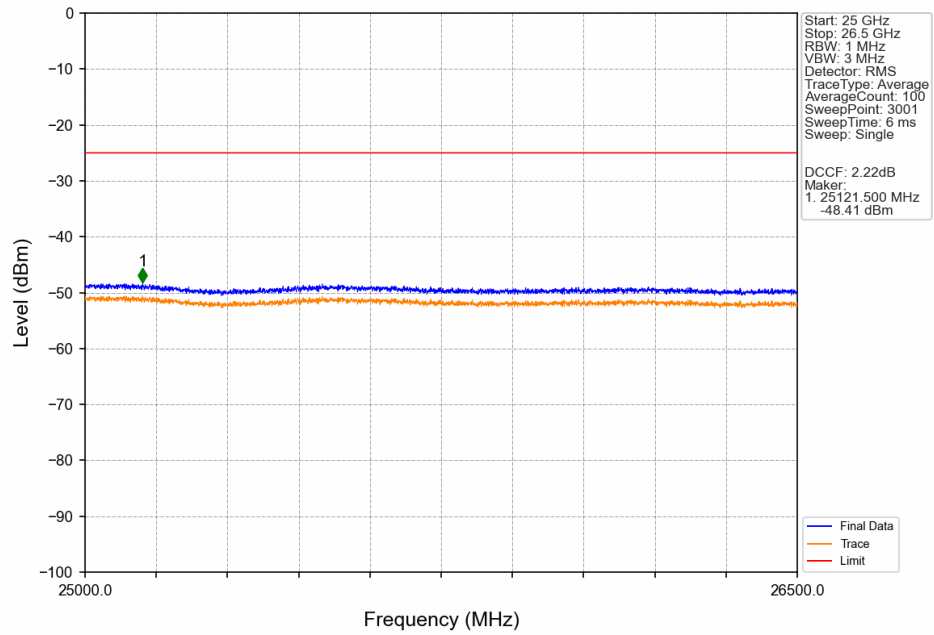
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



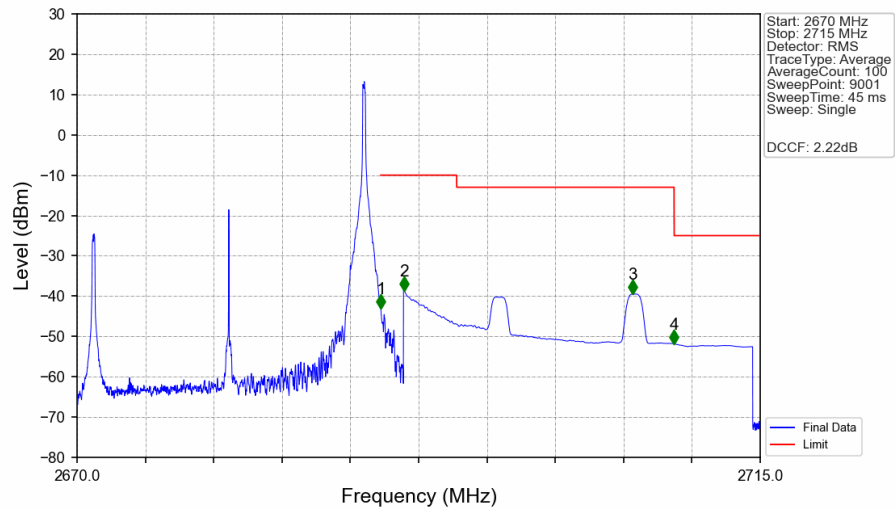
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

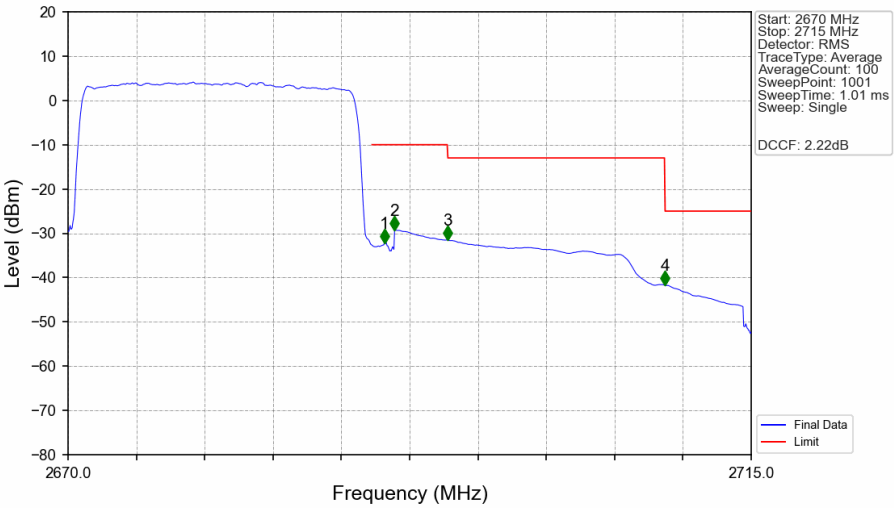


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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	2690.005	-42.98	-10	Pass
2691	2695	1	CHP	2	2691.530	-38.58	-10	Pass
2695	2709.329	1	CHP	3	2706.585	-39.48	-13	Pass
2709.329	2715	1	CHP	4	2709.330	-51.83	-25	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.387	CHP	/	/	/	/	/
2690	2691	0.387	CHP	1	2690.835	-32.16	-10	Pass
2691	2695	1	CHP	2	2691.510	-29.30	-10	Pass
2695	2709.329	1	CHP	3	2695.020	-31.52	-13	Pass
2709.329	2715	1	CHP	4	2709.330	-41.74	-25	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 41_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994	70.90	-48.01	31.19	-41.18	-25.00	16.18	Horizontal
2	7491.27	56.33	-46.17	36.38	-48.72	-25.00	23.72	Horizontal
3	9988.36	48.39	-41.75	38.78	-49.83	-25.00	24.83	Horizontal
4	12485.45	49.21	-39.84	39.11	-46.78	-25.00	21.78	Horizontal
5	14982.54	50.06	-37.89	40.20	-42.89	-25.00	17.89	Horizontal
6	17479.63	51.06	-36.93	41.68	-39.45	-25.00	14.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	63.22	-48.01	31.19	-48.86	-25.00	23.86	Vertical
2	7491.27	55.86	-46.17	36.38	-49.19	-25.00	24.19	Vertical
3	9988.36	48.08	-41.75	38.78	-50.14	-25.00	25.14	Vertical
4	12485.45	49.95	-39.84	39.11	-46.04	-25.00	21.04	Vertical
5	14982.54	51.00	-37.89	40.20	-41.95	-25.00	16.95	Vertical
6	17479.63	50.75	-36.93	41.68	-39.76	-25.00	14.76	Vertical

Test Band = LTE Band 41_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5168	63.72	-47.87	31.67	-47.74	-25.00	22.74	Horizontal
2	16566	55.49	-37.39	38.63	-38.53	-25.00	13.53	Horizontal
3	7752.27	56.47	-45.05	36.35	-47.49	-25.00	22.49	Horizontal
4	10336.36	48.50	-41.18	39.04	-48.91	-25.00	23.91	Horizontal
5	12920.45	49.55	-39.42	38.85	-46.28	-25.00	21.28	Horizontal
6	15504.54	51.92	-38.05	39.29	-42.10	-25.00	17.10	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5168	56.52	-47.87	31.67	-54.94	-25.00	29.94	Vertical
2	7752	62.30	-45.05	36.35	-41.66	-25.00	16.66	Vertical
3	15504	56.36	-38.05	39.29	-37.66	-25.00	12.66	Vertical
4	16860.5	55.36	-37.02	38.74	-38.18	-25.00	13.18	Vertical
5	10336.36	48.29	-41.18	39.04	-49.12	-25.00	24.12	Vertical
6	12920.45	49.75	-39.42	38.85	-46.08	-25.00	21.08	Vertical

Test Band = LTE Band 41_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17524	52.43	-36.82	41.94	-37.71	-25.00	12.71	Horizontal
2	5255.18	61.49	-47.83	31.92	-49.68	-25.00	24.68	Horizontal
3	7882.77	58.93	-45.36	36.32	-45.36	-25.00	20.36	Horizontal
4	10510.36	48.51	-40.71	39.16	-48.31	-25.00	23.31	Horizontal
5	13137.95	49.26	-38.51	39.01	-45.51	-25.00	20.51	Horizontal
6	15765.54	52.41	-38.22	38.82	-42.25	-25.00	17.25	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5255.5	62.12	-47.83	31.92	-49.05	-25.00	24.05	Vertical
2	7882.5	63.79	-45.36	36.32	-40.50	-25.00	15.50	Vertical
3	15765.5	61.91	-38.22	38.82	-32.75	-25.00	7.75	Vertical
4	17519.5	52.79	-36.82	41.92	-37.37	-25.00	12.37	Vertical
5	10510.36	48.51	-40.71	39.16	-48.31	-25.00	23.31	Vertical
6	13137.95	51.82	-38.51	39.01	-42.95	-25.00	17.95	Vertical