

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	26.60	-1.00	25.60	<=33.00	Pass
			13	26.42	-1.00	25.42	<=33.00	Pass
			24	26.53	-1.00	25.53	<=33.00	Pass
		12	0	25.49	-1.00	24.49	<=33.00	Pass
			6	25.43	-1.00	24.43	<=33.00	Pass
			13	25.57	-1.00	24.57	<=33.00	Pass
		25	0	25.54	-1.00	24.54	<=33.00	Pass
	2593	1	0	26.61	-1.00	25.61	<=33.00	Pass
			13	26.70	-1.00	25.70	<=33.00	Pass
			24	26.56	-1.00	25.56	<=33.00	Pass
		12	0	25.46	-1.00	24.46	<=33.00	Pass
			6	25.50	-1.00	24.50	<=33.00	Pass
			13	25.48	-1.00	24.48	<=33.00	Pass
		25	0	25.49	-1.00	24.49	<=33.00	Pass
	2687.5	1	0	26.49	-1.00	25.49	<=33.00	Pass
			13	26.32	-1.00	25.32	<=33.00	Pass
			24	26.47	-1.00	25.47	<=33.00	Pass
		12	0	25.35	-1.00	24.35	<=33.00	Pass
			6	25.41	-1.00	24.41	<=33.00	Pass
			13	25.45	-1.00	24.45	<=33.00	Pass
		25	0	25.47	-1.00	24.47	<=33.00	Pass
16QAM	2498.5	1	0	25.58	-1.00	24.58	<=33.00	Pass
			13	25.73	-1.00	24.73	<=33.00	Pass
			24	25.72	-1.00	24.72	<=33.00	Pass
		12	0	24.69	-1.00	23.69	<=33.00	Pass
			6	24.43	-1.00	23.43	<=33.00	Pass
			13	24.65	-1.00	23.65	<=33.00	Pass
		25	0	24.50	-1.00	23.50	<=33.00	Pass
	2593	1	0	25.83	-1.00	24.83	<=33.00	Pass
			13	25.81	-1.00	24.81	<=33.00	Pass
			24	26.18	-1.00	25.18	<=33.00	Pass
		12	0	24.41	-1.00	23.41	<=33.00	Pass
			6	24.62	-1.00	23.62	<=33.00	Pass
			13	24.65	-1.00	23.65	<=33.00	Pass
		25	0	24.61	-1.00	23.61	<=33.00	Pass
	2687.5	1	0	25.66	-1.00	24.66	<=33.00	Pass
			13	25.65	-1.00	24.65	<=33.00	Pass
			24	25.45	-1.00	24.45	<=33.00	Pass
		12	0	24.50	-1.00	23.50	<=33.00	Pass
			6	24.36	-1.00	23.36	<=33.00	Pass
			13	24.51	-1.00	23.51	<=33.00	Pass
		25	0	24.36	-1.00	23.36	<=33.00	Pass
64QAM	2498.5	1	0	24.85	-1.00	23.85	<=33.00	Pass
			13	24.63	-1.00	23.63	<=33.00	Pass
			24	24.74	-1.00	23.74	<=33.00	Pass
		12	0	23.68	-1.00	22.68	<=33.00	Pass
			6	23.60	-1.00	22.60	<=33.00	Pass
			13	23.63	-1.00	22.63	<=33.00	Pass
		25	0	23.48	-1.00	22.48	<=33.00	Pass

	2593	1	0	24.99	-1.00	23.99	<=33.00	Pass
			13	24.59	-1.00	23.59	<=33.00	Pass
			24	24.80	-1.00	23.80	<=33.00	Pass
		12	0	23.39	-1.00	22.39	<=33.00	Pass
			6	23.55	-1.00	22.55	<=33.00	Pass
			13	23.54	-1.00	22.54	<=33.00	Pass
		25	0	23.55	-1.00	22.55	<=33.00	Pass
	2687.5	1	0	25.01	-1.00	24.01	<=33.00	Pass
			13	24.86	-1.00	23.86	<=33.00	Pass
			24	24.45	-1.00	23.45	<=33.00	Pass
		12	0	23.34	-1.00	22.34	<=33.00	Pass
			6	23.49	-1.00	22.49	<=33.00	Pass
			13	23.50	-1.00	22.50	<=33.00	Pass
		25	0	23.29	-1.00	22.29	<=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	26.68	-1.00	25.68	<=33.00	Pass
			25	26.53	-1.00	25.53	<=33.00	Pass
			49	26.64	-1.00	25.64	<=33.00	Pass
		25	0	25.62	-1.00	24.62	<=33.00	Pass
			13	25.62	-1.00	24.62	<=33.00	Pass
			25	25.52	-1.00	24.52	<=33.00	Pass
		50	0	25.62	-1.00	24.62	<=33.00	Pass
	2593	1	0	26.77	-1.00	25.77	<=33.00	Pass
			25	26.54	-1.00	25.54	<=33.00	Pass
			49	26.62	-1.00	25.62	<=33.00	Pass
		25	0	25.52	-1.00	24.52	<=33.00	Pass
			13	25.67	-1.00	24.67	<=33.00	Pass
			25	25.70	-1.00	24.70	<=33.00	Pass
		50	0	25.72	-1.00	24.72	<=33.00	Pass
	2685	1	0	26.47	-1.00	25.47	<=33.00	Pass
			25	26.60	-1.00	25.60	<=33.00	Pass
			49	26.66	-1.00	25.66	<=33.00	Pass
		25	0	25.49	-1.00	24.49	<=33.00	Pass
			13	25.57	-1.00	24.57	<=33.00	Pass
			25	25.45	-1.00	24.45	<=33.00	Pass
		50	0	25.58	-1.00	24.58	<=33.00	Pass
16QAM	2501	1	0	25.82	-1.00	24.82	<=33.00	Pass
			25	25.78	-1.00	24.78	<=33.00	Pass
			49	25.57	-1.00	24.57	<=33.00	Pass
		25	0	24.59	-1.00	23.59	<=33.00	Pass
			13	24.59	-1.00	23.59	<=33.00	Pass
			25	24.55	-1.00	23.55	<=33.00	Pass
		50	0	24.51	-1.00	23.51	<=33.00	Pass
	2593	1	0	25.60	-1.00	24.60	<=33.00	Pass
			25	25.61	-1.00	24.61	<=33.00	Pass
			49	25.66	-1.00	24.66	<=33.00	Pass
		25	0	24.68	-1.00	23.68	<=33.00	Pass
			13	24.56	-1.00	23.56	<=33.00	Pass
			25	24.58	-1.00	23.58	<=33.00	Pass
		50	0	24.67	-1.00	23.67	<=33.00	Pass
	2685	1	0	25.70	-1.00	24.70	<=33.00	Pass

64QAM		25	25	25.35	-1.00	24.35	<=33.00	Pass
			49	25.40	-1.00	24.40	<=33.00	Pass
			0	24.47	-1.00	23.47	<=33.00	Pass
			13	24.42	-1.00	23.42	<=33.00	Pass
			25	24.42	-1.00	23.42	<=33.00	Pass
		50	0	24.42	-1.00	23.42	<=33.00	Pass
			0	24.91	-1.00	23.91	<=33.00	Pass
			25	24.21	-1.00	23.21	<=33.00	Pass
			49	24.85	-1.00	23.85	<=33.00	Pass
			0	23.45	-1.00	22.45	<=33.00	Pass
	2501	1	13	23.58	-1.00	22.58	<=33.00	Pass
			25	23.49	-1.00	22.49	<=33.00	Pass
			25	23.49	-1.00	22.49	<=33.00	Pass
		25	0	23.47	-1.00	22.47	<=33.00	Pass
			0	25.27	-1.00	24.27	<=33.00	Pass
			25	25.19	-1.00	24.19	<=33.00	Pass
		50	49	25.36	-1.00	24.36	<=33.00	Pass
			0	23.64	-1.00	22.64	<=33.00	Pass
			13	23.66	-1.00	22.66	<=33.00	Pass
	2593	25	25	23.67	-1.00	22.67	<=33.00	Pass
			0	23.66	-1.00	22.66	<=33.00	Pass
			0	23.66	-1.00	22.66	<=33.00	Pass
		1	0	24.55	-1.00	23.55	<=33.00	Pass
			25	24.54	-1.00	23.54	<=33.00	Pass
			49	24.54	-1.00	23.54	<=33.00	Pass
		25	0	23.36	-1.00	22.36	<=33.00	Pass
			13	23.55	-1.00	22.55	<=33.00	Pass
			25	23.32	-1.00	22.32	<=33.00	Pass
		50	25	23.32	-1.00	22.32	<=33.00	Pass
			0	23.56	-1.00	22.56	<=33.00	Pass
			0	23.56	-1.00	22.56	<=33.00	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	26.60	-1.00	25.60	<=33.00	Pass
			38	26.67	-1.00	25.67	<=33.00	Pass
			74	26.53	-1.00	25.53	<=33.00	Pass
		36	0	25.52	-1.00	24.52	<=33.00	Pass
			18	25.58	-1.00	24.58	<=33.00	Pass
			39	25.49	-1.00	24.49	<=33.00	Pass
		75	0	25.66	-1.00	24.66	<=33.00	Pass
			0	26.58	-1.00	25.58	<=33.00	Pass
			38	26.84	-1.00	25.84	<=33.00	Pass
			74	26.84	-1.00	25.84	<=33.00	Pass
	2593	1	0	25.64	-1.00	24.64	<=33.00	Pass
			18	25.46	-1.00	24.46	<=33.00	Pass
			39	25.71	-1.00	24.71	<=33.00	Pass
		36	0	25.67	-1.00	24.67	<=33.00	Pass
			18	25.44	-1.00	24.44	<=33.00	Pass
			39	25.44	-1.00	24.44	<=33.00	Pass
		75	0	25.49	-1.00	24.49	<=33.00	Pass
			0	26.44	-1.00	25.44	<=33.00	Pass
			38	26.56	-1.00	25.56	<=33.00	Pass
			74	26.44	-1.00	25.44	<=33.00	Pass
	2682.5	1	0	25.37	-1.00	24.37	<=33.00	Pass
			18	25.44	-1.00	24.44	<=33.00	Pass
			39	25.44	-1.00	24.44	<=33.00	Pass
		36	0	25.49	-1.00	24.49	<=33.00	Pass
			18	25.49	-1.00	24.49	<=33.00	Pass
			39	25.49	-1.00	24.49	<=33.00	Pass
		75	0	25.82	-1.00	24.82	<=33.00	Pass
			38	25.56	-1.00	24.56	<=33.00	Pass
			0	25.56	-1.00	24.56	<=33.00	Pass
			38	25.56	-1.00	24.56	<=33.00	Pass

16QAM

2503.5

1

0

25.82

-1.00

24.82

<=33.00

Pass

			74	25.79	-1.00	24.79	<=33.00	Pass	
			36	0	24.53	-1.00	23.53	<=33.00	Pass
				18	24.47	-1.00	23.47	<=33.00	Pass
				39	24.48	-1.00	23.48	<=33.00	Pass
		75	0	24.59	-1.00	23.59	<=33.00	Pass	
		2593	1	0	25.59	-1.00	24.59	<=33.00	Pass
				38	25.67	-1.00	24.67	<=33.00	Pass
				74	25.68	-1.00	24.68	<=33.00	Pass
			36	0	24.50	-1.00	23.50	<=33.00	Pass
	18			24.47	-1.00	23.47	<=33.00	Pass	
	39			24.55	-1.00	23.55	<=33.00	Pass	
	75		0	24.70	-1.00	23.70	<=33.00	Pass	
	2682.5	1	0	25.70	-1.00	24.70	<=33.00	Pass	
			38	25.85	-1.00	24.85	<=33.00	Pass	
			74	25.51	-1.00	24.51	<=33.00	Pass	
		36	0	24.36	-1.00	23.36	<=33.00	Pass	
			18	24.42	-1.00	23.42	<=33.00	Pass	
			39	24.49	-1.00	23.49	<=33.00	Pass	
		75	0	24.49	-1.00	23.49	<=33.00	Pass	
	64QAM	2503.5	1	0	24.28	-1.00	23.28	<=33.00	Pass
				38	24.84	-1.00	23.84	<=33.00	Pass
				74	24.81	-1.00	23.81	<=33.00	Pass
			36	0	23.62	-1.00	22.62	<=33.00	Pass
				18	23.55	-1.00	22.55	<=33.00	Pass
39				23.49	-1.00	22.49	<=33.00	Pass	
75			0	23.51	-1.00	22.51	<=33.00	Pass	
2593			1	0	24.64	-1.00	23.64	<=33.00	Pass
				38	25.17	-1.00	24.17	<=33.00	Pass
		74		25.19	-1.00	24.19	<=33.00	Pass	
		36	0	23.64	-1.00	22.64	<=33.00	Pass	
			18	23.49	-1.00	22.49	<=33.00	Pass	
			39	23.58	-1.00	22.58	<=33.00	Pass	
		75	0	23.72	-1.00	22.72	<=33.00	Pass	
2682.5		1	0	24.81	-1.00	23.81	<=33.00	Pass	
			38	24.68	-1.00	23.68	<=33.00	Pass	
			74	24.52	-1.00	23.52	<=33.00	Pass	
		36	0	23.30	-1.00	22.30	<=33.00	Pass	
			18	23.41	-1.00	22.41	<=33.00	Pass	
			39	23.44	-1.00	22.44	<=33.00	Pass	
		75	0	23.49	-1.00	22.49	<=33.00	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	26.65	-1.00	25.65	<=33.00	Pass
			50	26.65	-1.00	25.65	<=33.00	Pass
			99	26.59	-1.00	25.59	<=33.00	Pass
		50	0	25.55	-1.00	24.55	<=33.00	Pass
			25	25.63	-1.00	24.63	<=33.00	Pass
			50	25.52	-1.00	24.52	<=33.00	Pass
		100	0	25.66	-1.00	24.66	<=33.00	Pass
	2593	1	0	26.55	-1.00	25.55	<=33.00	Pass
			50	26.62	-1.00	25.62	<=33.00	Pass
			99	26.81	-1.00	25.81	<=33.00	Pass

		50	0	25.68	-1.00	24.68	<=33.00	Pass		
			25	25.55	-1.00	24.55	<=33.00	Pass		
			50	25.74	-1.00	24.74	<=33.00	Pass		
		100	0	25.70	-1.00	24.70	<=33.00	Pass		
			1	0	26.64	-1.00	25.64	<=33.00	Pass	
				50	26.48	-1.00	25.48	<=33.00	Pass	
		99		26.64	-1.00	25.64	<=33.00	Pass		
		50	0	25.52	-1.00	24.52	<=33.00	Pass		
			25	25.37	-1.00	24.37	<=33.00	Pass		
	50		25.48	-1.00	24.48	<=33.00	Pass			
	100	0	25.51	-1.00	24.51	<=33.00	Pass			
	16QAM	2506	1	0	26.15	-1.00	25.15	<=33.00	Pass	
50				26.07	-1.00	25.07	<=33.00	Pass		
99				25.65	-1.00	24.65	<=33.00	Pass		
50			0	24.56	-1.00	23.56	<=33.00	Pass		
			25	24.60	-1.00	23.60	<=33.00	Pass		
			50	24.59	-1.00	23.59	<=33.00	Pass		
100			0	24.52	-1.00	23.52	<=33.00	Pass		
2593			1	0	25.95	-1.00	24.95	<=33.00	Pass	
				50	25.69	-1.00	24.69	<=33.00	Pass	
		99		25.72	-1.00	24.72	<=33.00	Pass		
		50	0	24.66	-1.00	23.66	<=33.00	Pass		
			25	24.52	-1.00	23.52	<=33.00	Pass		
			50	24.78	-1.00	23.78	<=33.00	Pass		
		100	0	24.68	-1.00	23.68	<=33.00	Pass		
		2680	1	0	25.74	-1.00	24.74	<=33.00	Pass	
				50	25.67	-1.00	24.67	<=33.00	Pass	
99				25.72	-1.00	24.72	<=33.00	Pass		
50			0	24.39	-1.00	23.39	<=33.00	Pass		
			25	24.36	-1.00	23.36	<=33.00	Pass		
			50	24.47	-1.00	23.47	<=33.00	Pass		
100			0	24.50	-1.00	23.50	<=33.00	Pass		
64QAM			2506	1	0	24.81	-1.00	23.81	<=33.00	Pass
					50	24.78	-1.00	23.78	<=33.00	Pass
		99			24.96	-1.00	23.96	<=33.00	Pass	
		50		0	23.55	-1.00	22.55	<=33.00	Pass	
				25	23.57	-1.00	22.57	<=33.00	Pass	
				50	23.51	-1.00	22.51	<=33.00	Pass	
		100		0	23.56	-1.00	22.56	<=33.00	Pass	
		2593		1	0	24.67	-1.00	23.67	<=33.00	Pass
					50	24.69	-1.00	23.69	<=33.00	Pass
	99		24.86		-1.00	23.86	<=33.00	Pass		
	50		0	23.55	-1.00	22.55	<=33.00	Pass		
			25	23.57	-1.00	22.57	<=33.00	Pass		
			50	23.62	-1.00	22.62	<=33.00	Pass		
	100	0	23.65	-1.00	22.65	<=33.00	Pass			
	2680	1	0	24.60	-1.00	23.60	<=33.00	Pass		
			50	24.56	-1.00	23.56	<=33.00	Pass		
			99	24.83	-1.00	23.83	<=33.00	Pass		
		50	0	23.49	-1.00	22.49	<=33.00	Pass		
			25	23.37	-1.00	22.37	<=33.00	Pass		
			50	23.38	-1.00	22.38	<=33.00	Pass		
		100	0	23.41	-1.00	22.41	<=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	3.27	0.300	0.0001	-2.5 to 2.5	Pass
					3.85	-3.354	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.208	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.102	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.019	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-6.043	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.804	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-6.855	-0.0026	-2.5 to 2.5	Pass
				30	3.85	2.407	0.0009	-2.5 to 2.5	Pass
				40	3.85	0.773	0.0003	-2.5 to 2.5	Pass
				50	3.85	-3.097	-0.0012	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

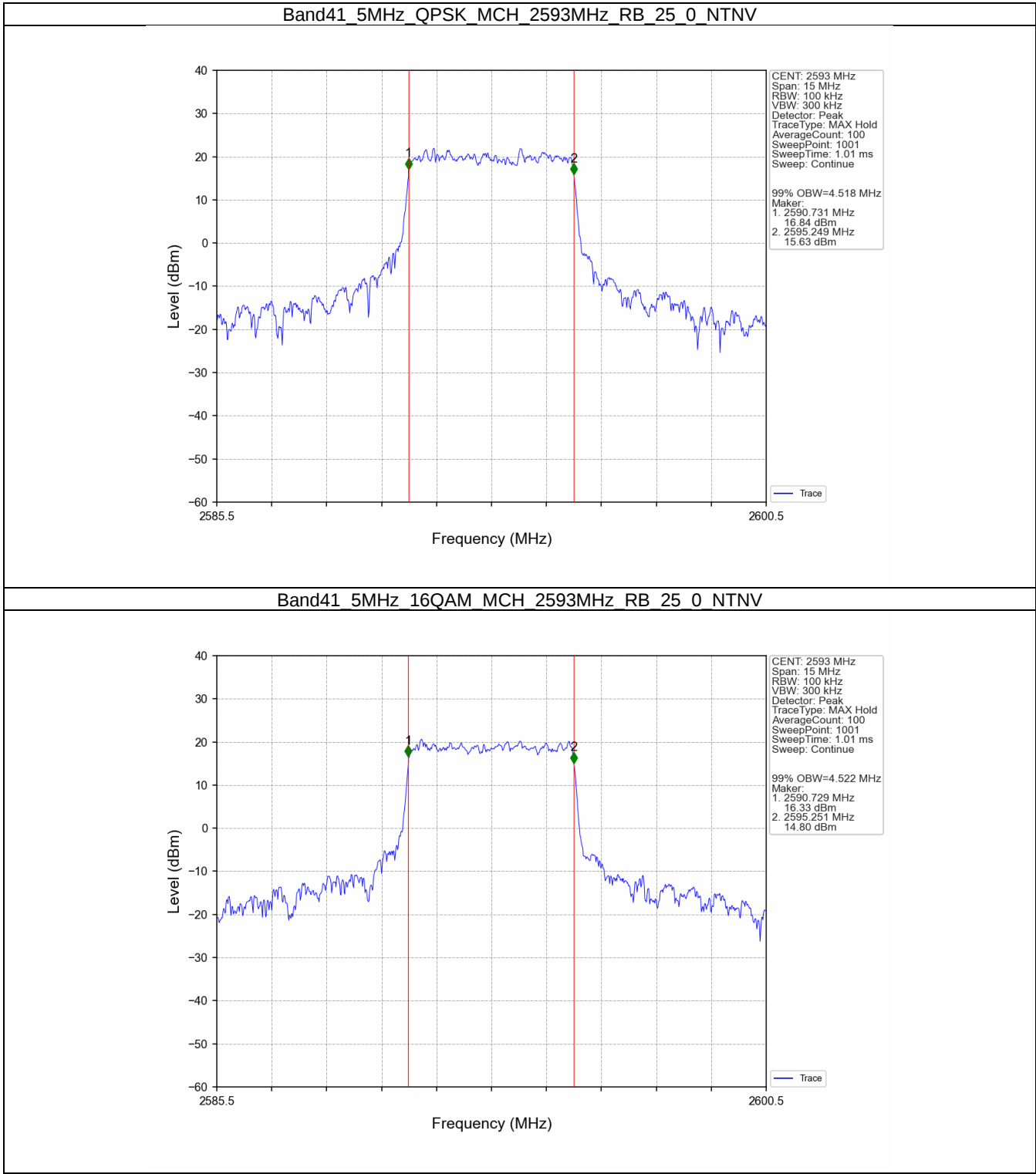
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.518	/	Pass
	16QAM	2593	25	0	4.522	/	Pass
10	QPSK	2593	50	0	9.009	/	Pass
	16QAM	2593	50	0	9.008	/	Pass
15	QPSK	2593	75	0	13.494	/	Pass
	16QAM	2593	75	0	13.540	/	Pass
20	QPSK	2593	100	0	18.103	/	Pass
	16QAM	2593	100	0	18.039	/	Pass

3.1.2 Band41_XDB

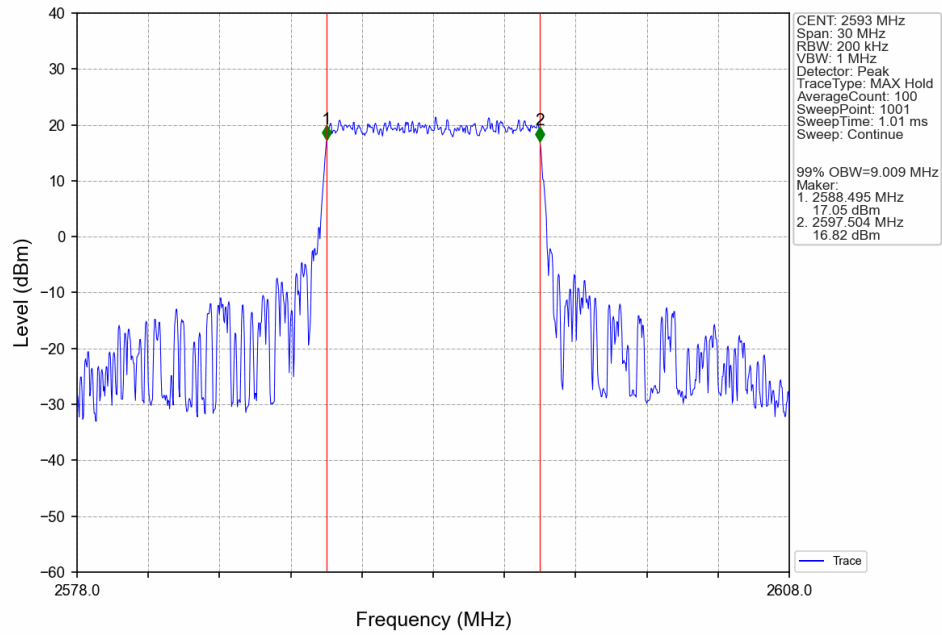
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.520	/	Pass
	16QAM	2593	25	0	5.424	/	Pass
10	QPSK	2593	50	0	10.150	/	Pass
	16QAM	2593	50	0	9.713	/	Pass
15	QPSK	2593	75	0	15.413	/	Pass
	16QAM	2593	75	0	14.687	/	Pass
20	QPSK	2593	100	0	20.315	/	Pass
	16QAM	2593	100	0	21.148	/	Pass

3.2 Test Graph

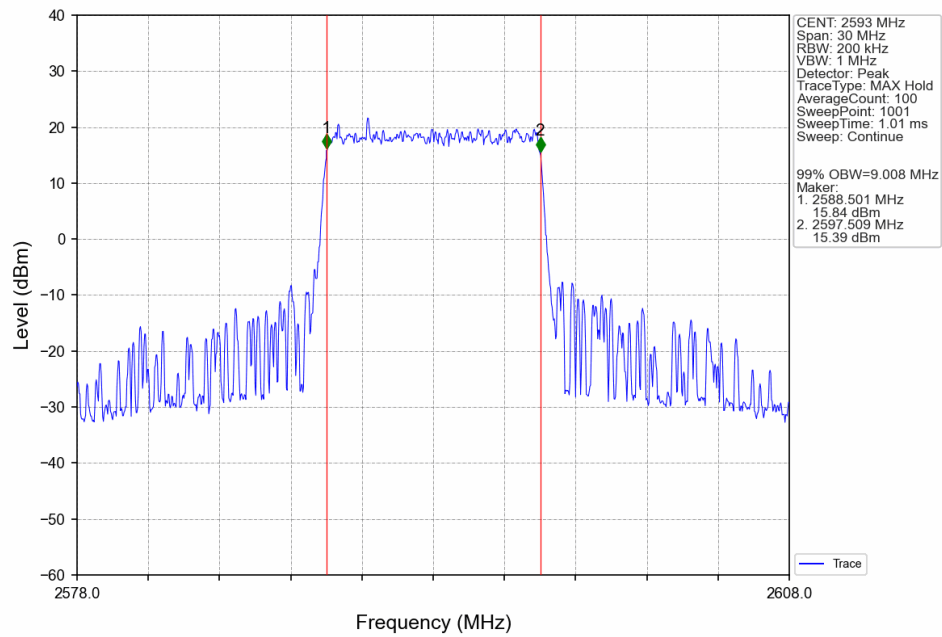
3.2.1 Band41_OBW



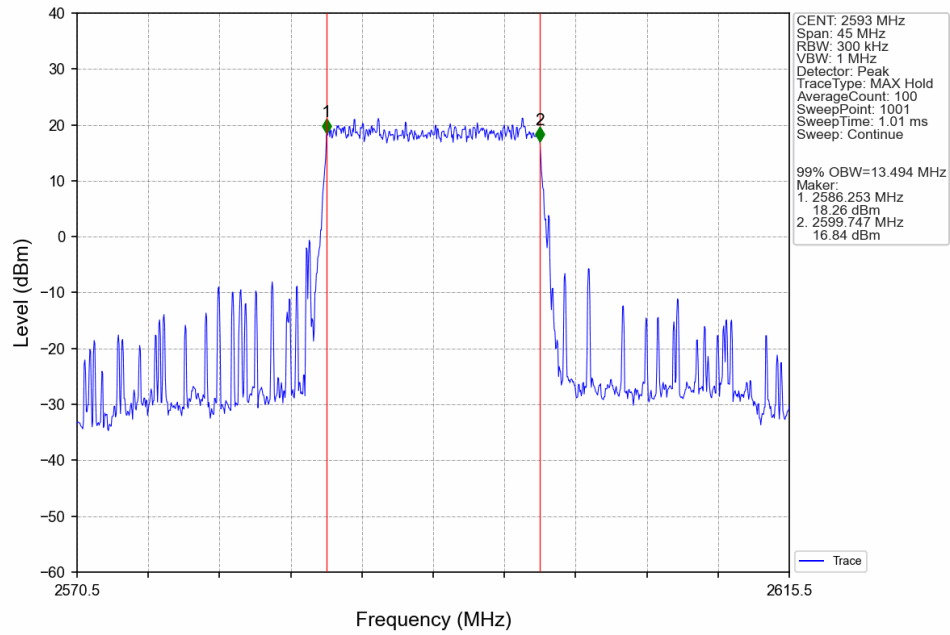
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



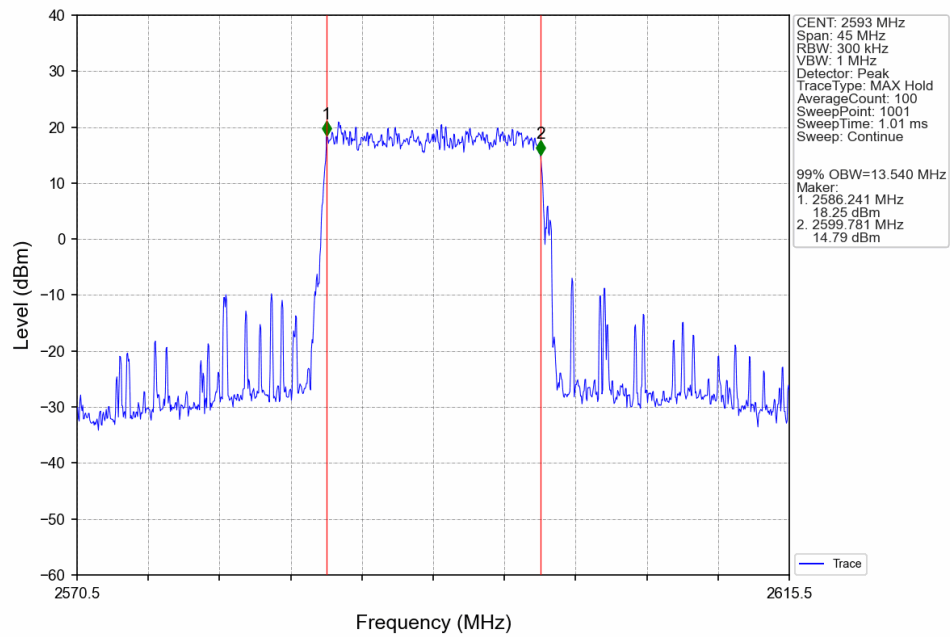
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



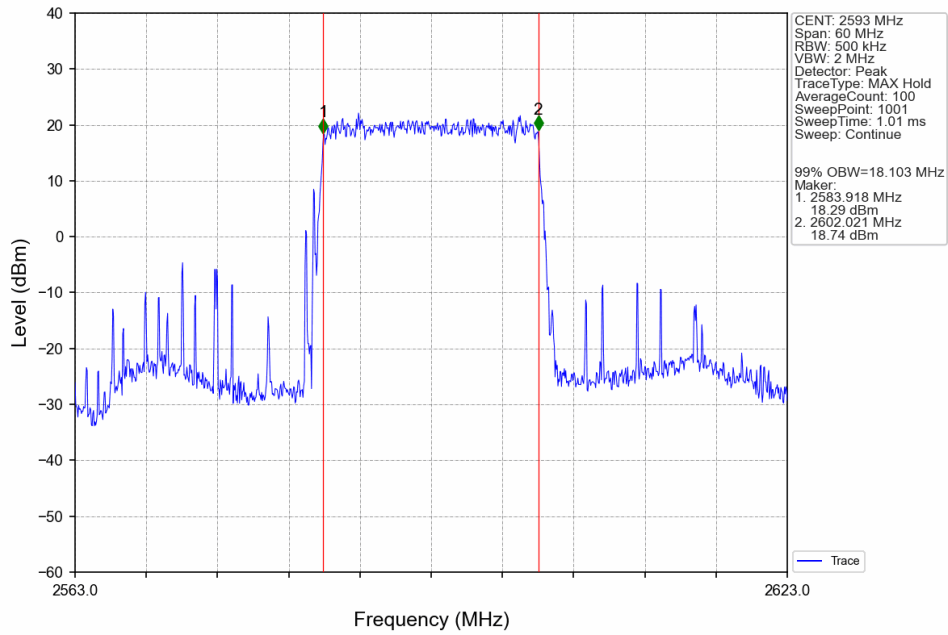
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



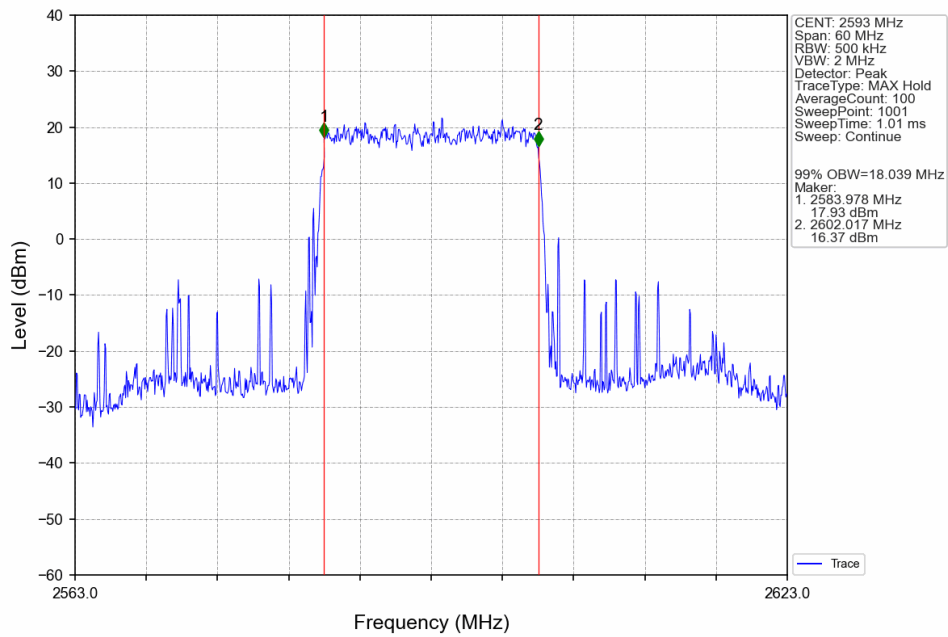
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



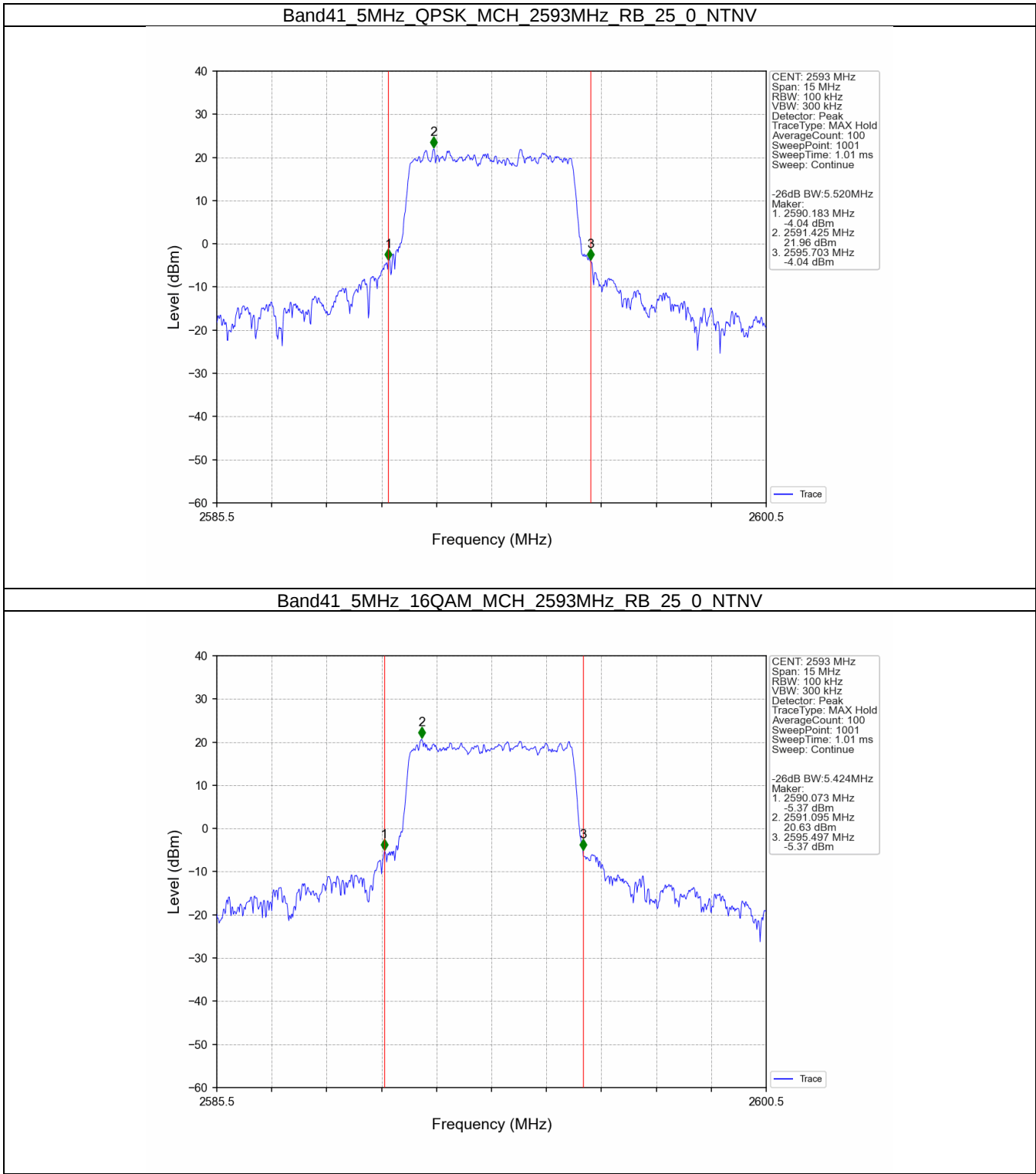
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



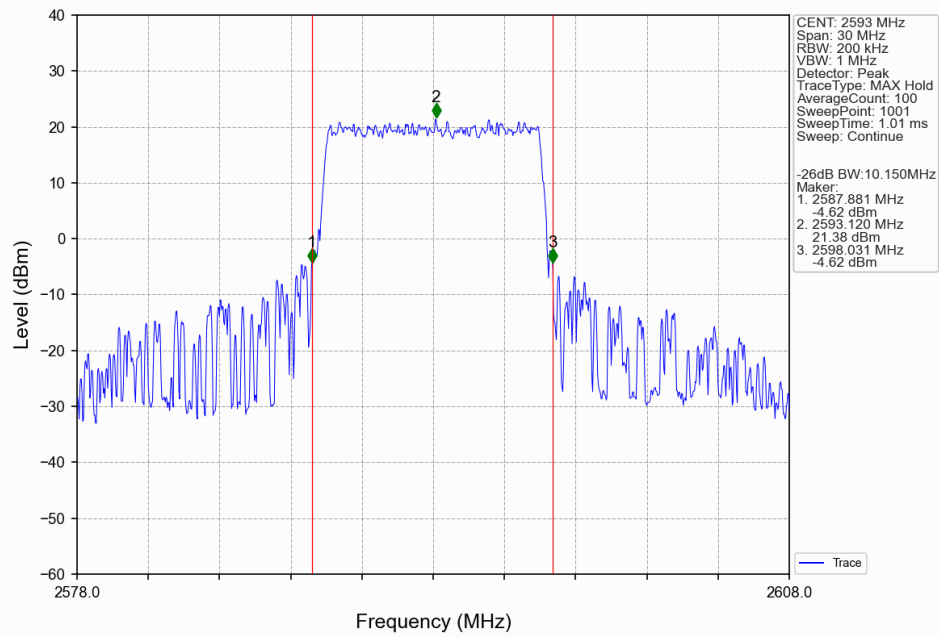
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



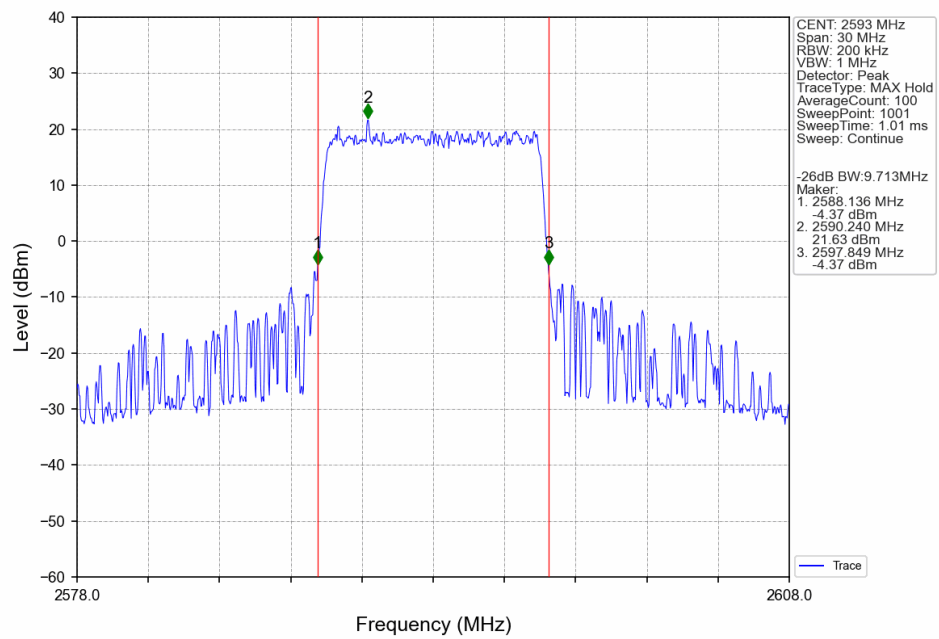
3.2.2 Band41_XDB



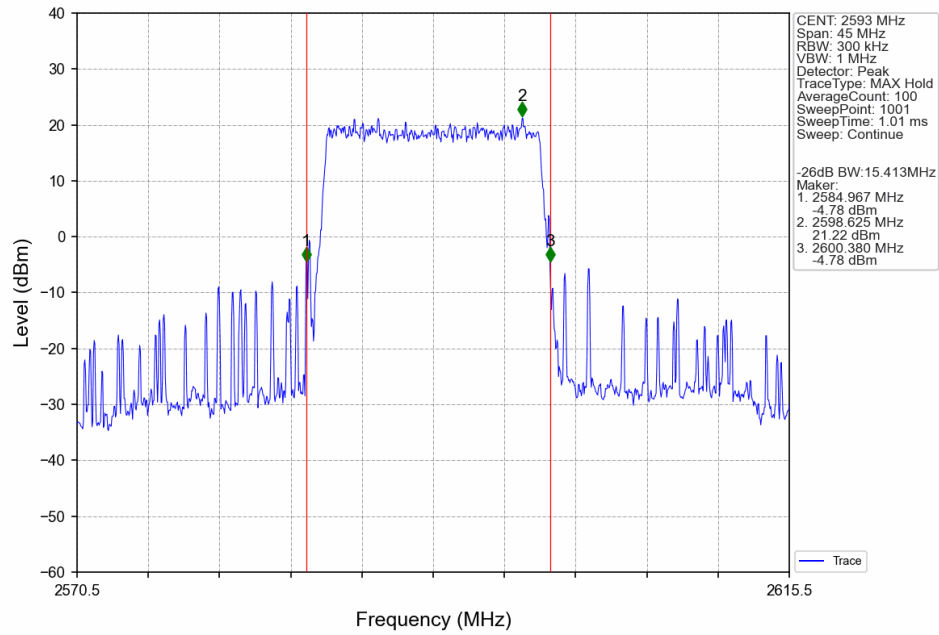
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



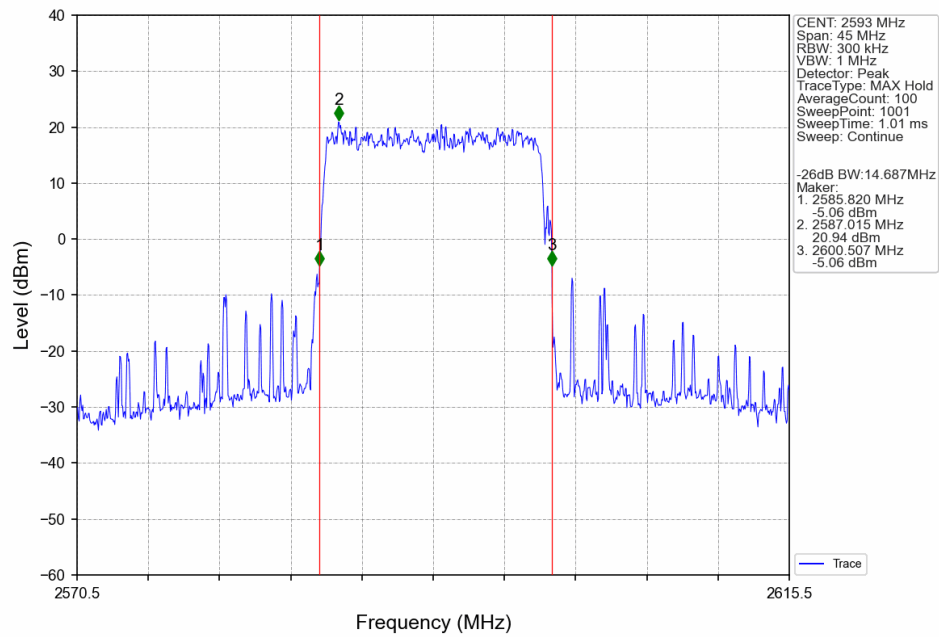
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



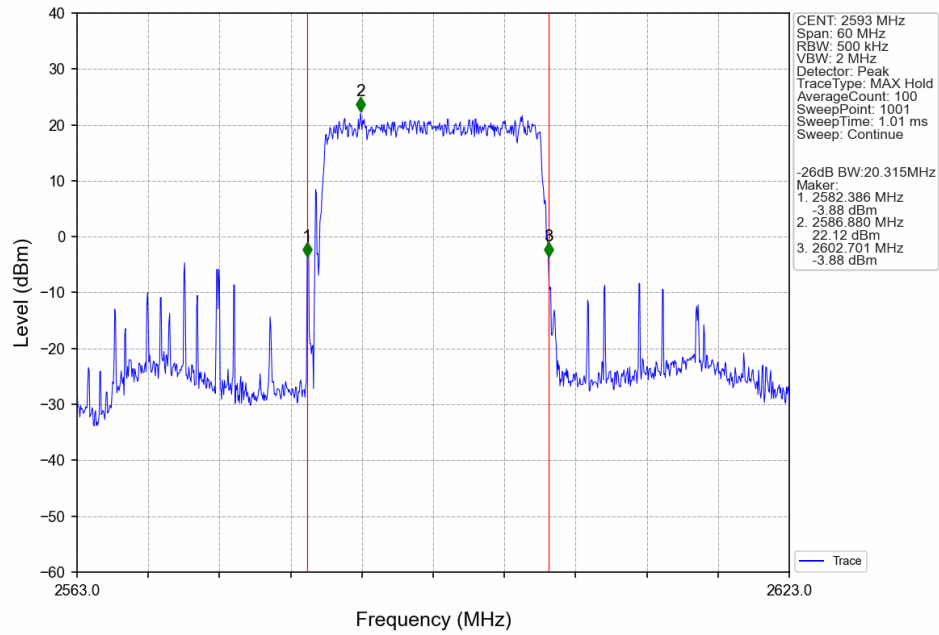
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



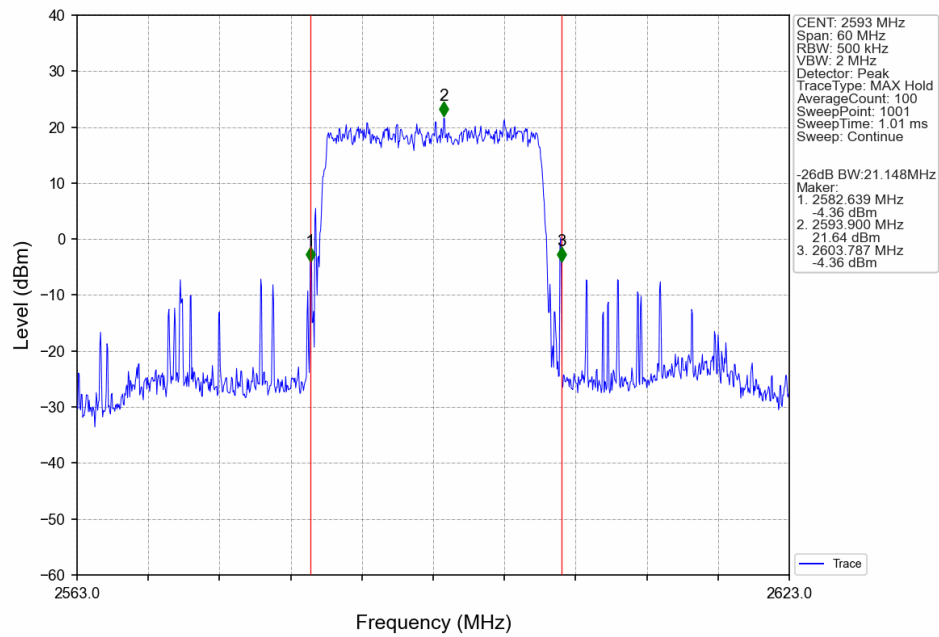
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

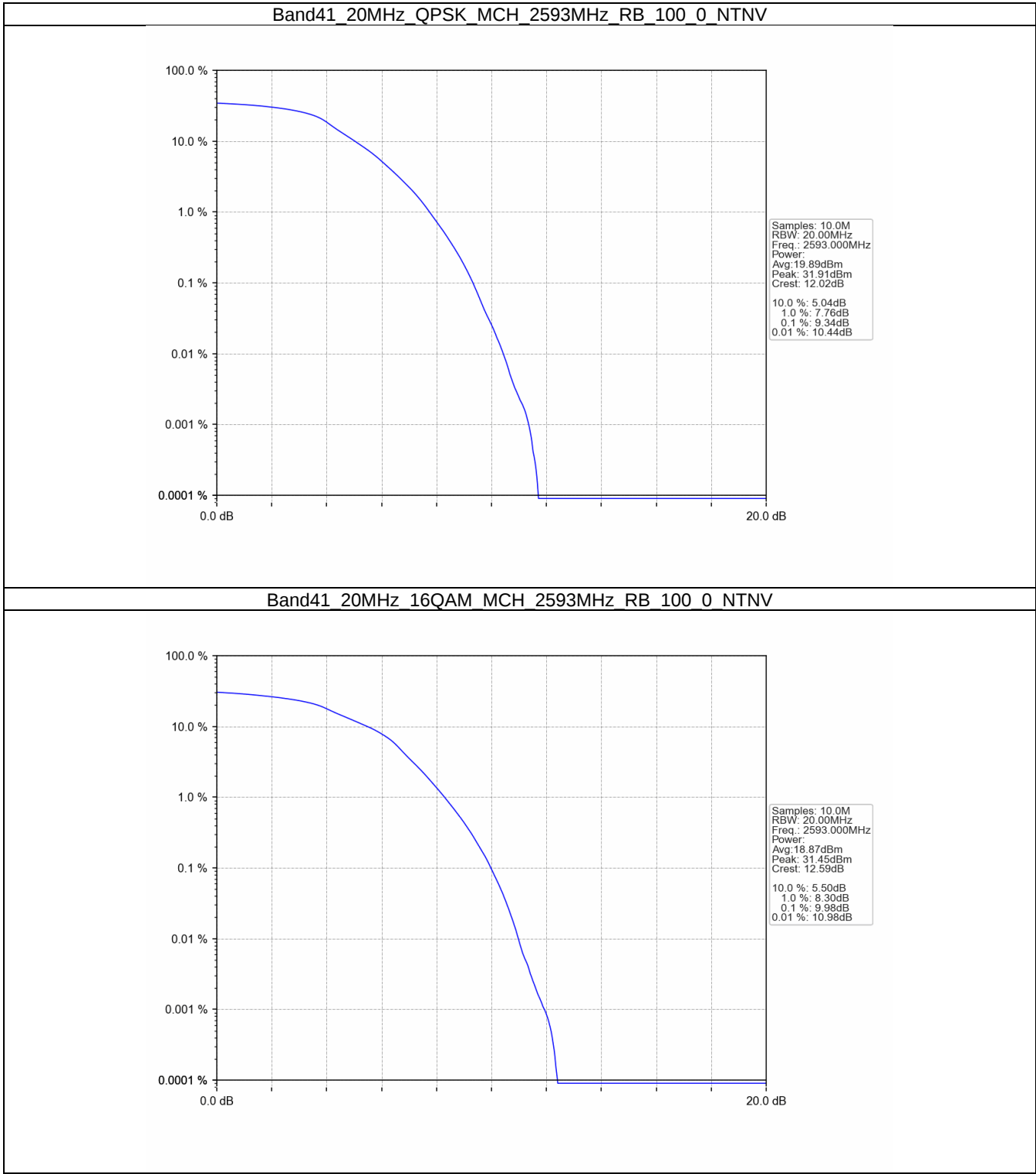
4.1 Test Result

4.1.1 B41_20MHz

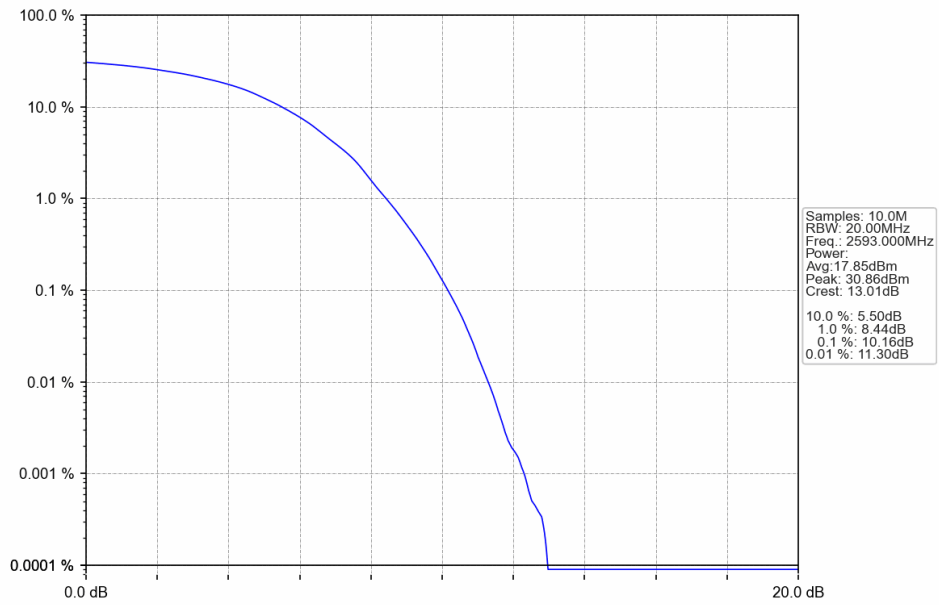
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	9.34	<=13	Pass
16QAM	2593	100	0	9.98	<=13	Pass
64QAM	2593	100	0	10.16	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



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 / NTVN						
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

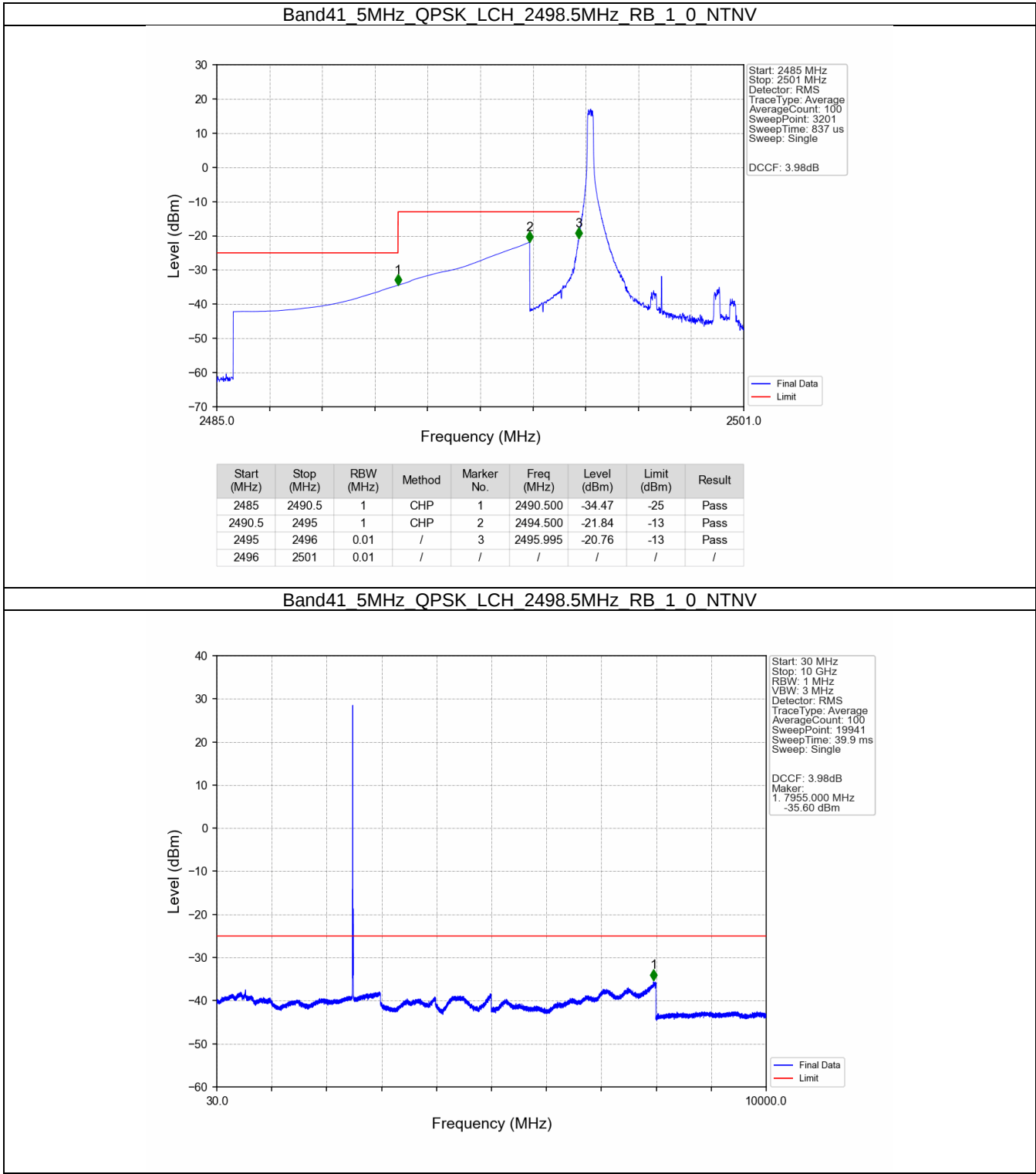
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

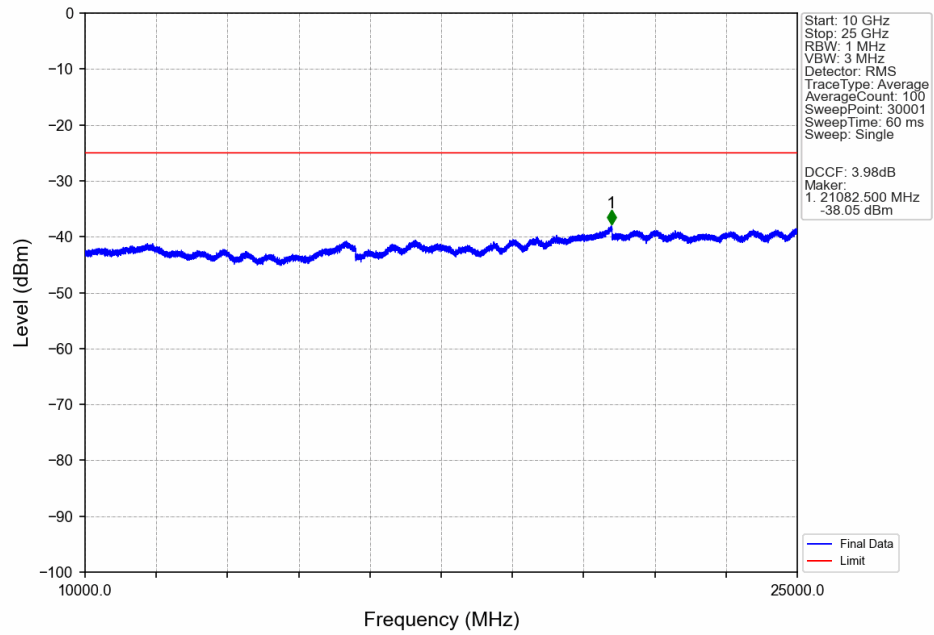
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

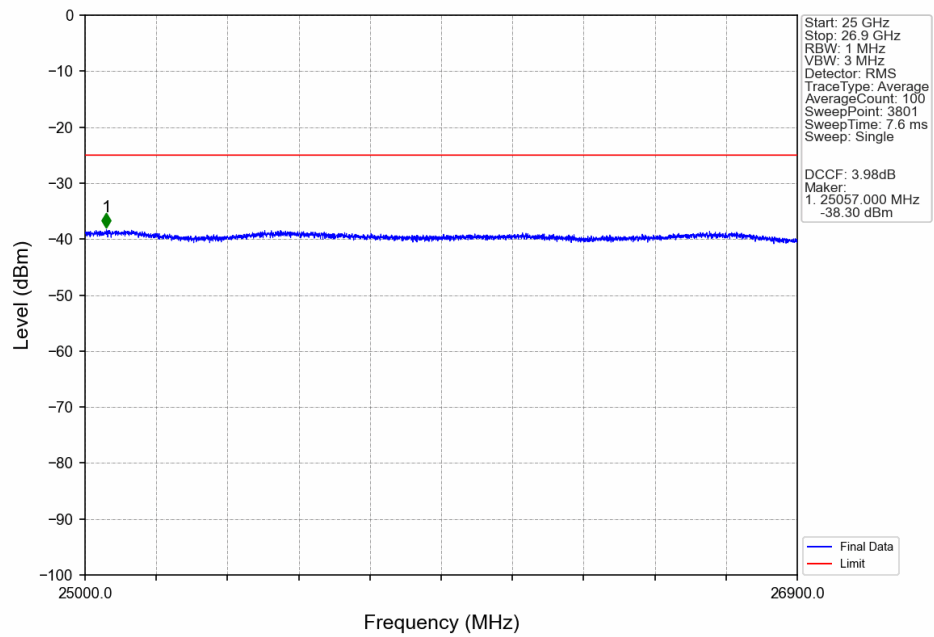
5.2.1 B41_5MHz



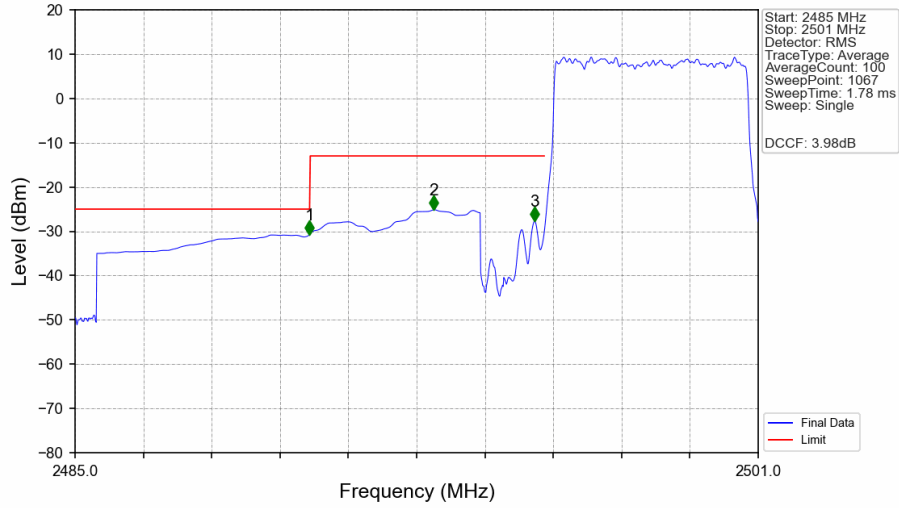
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

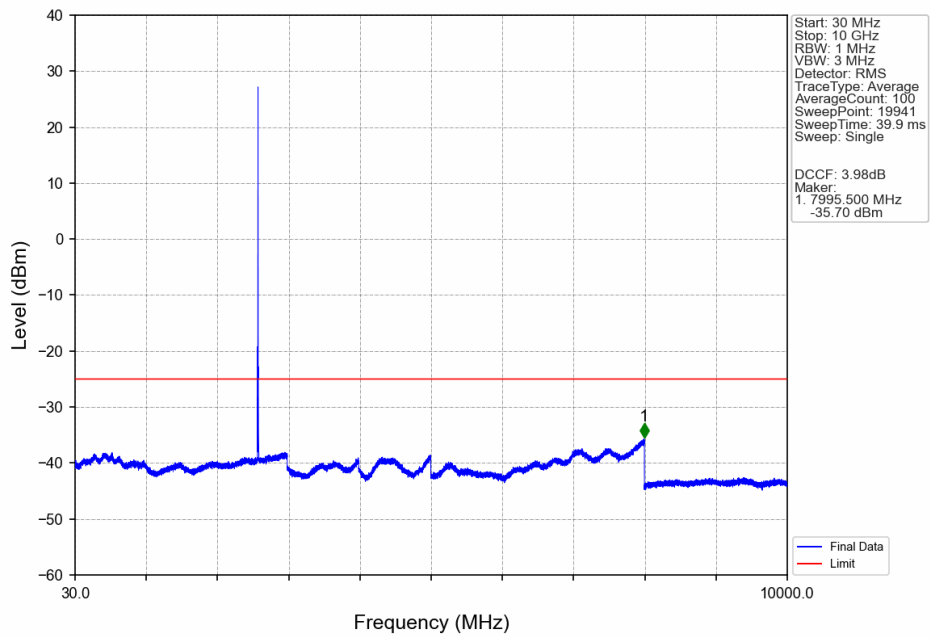


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

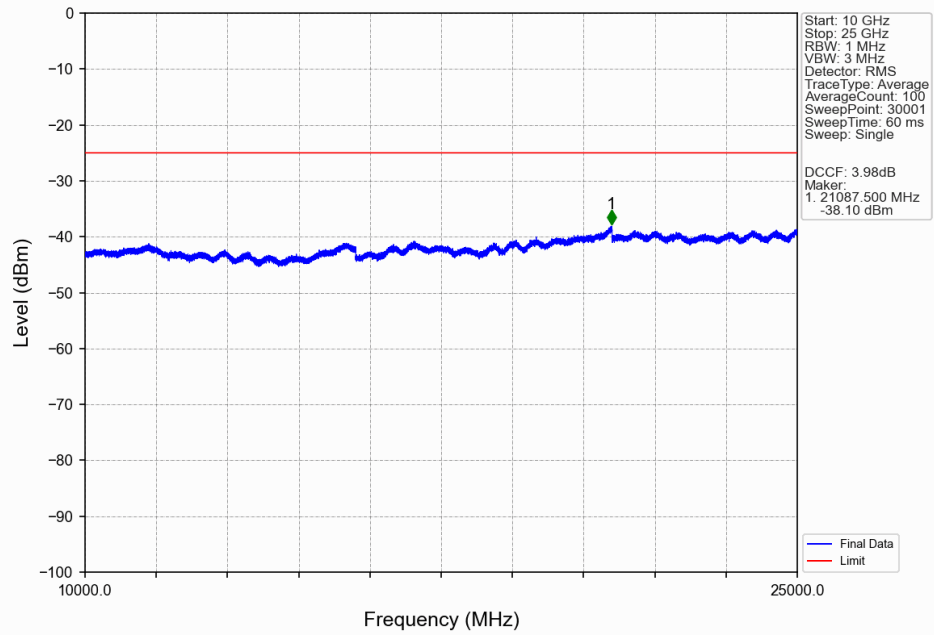


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-30.71	-25	Pass
2490.5	2495	1	CHP	2	2493.405	-25.15	-13	Pass
2495	2496	0.055	CHP	3	2495.762	-27.72	-13	Pass
2496	2501	0.055	CHP	/	/	/	/	/

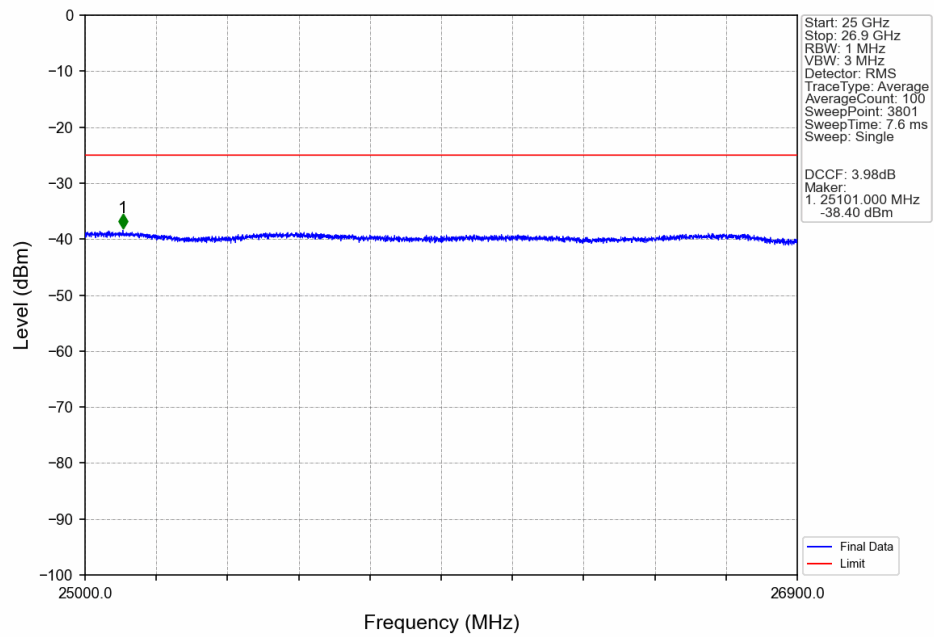
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



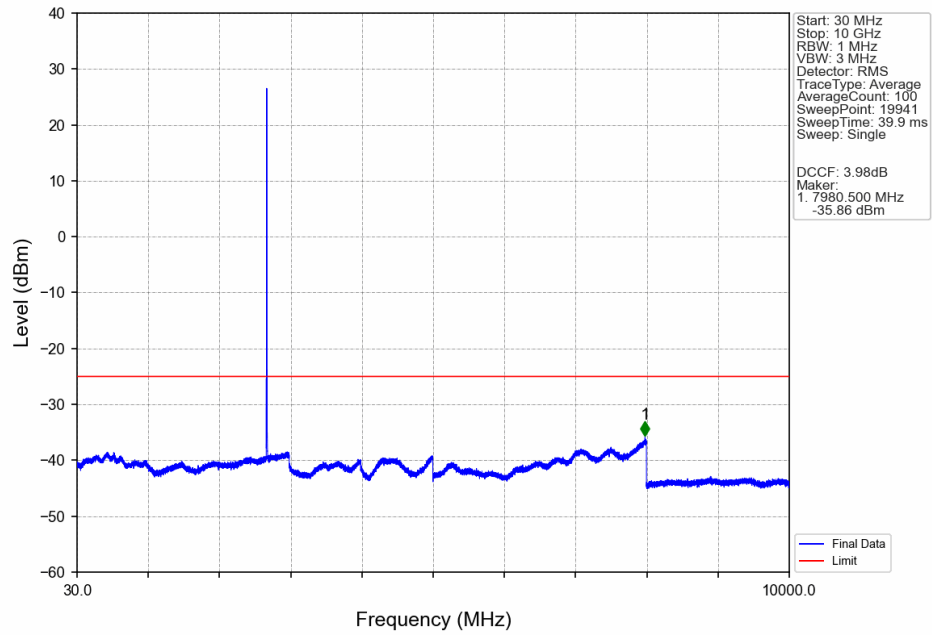
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



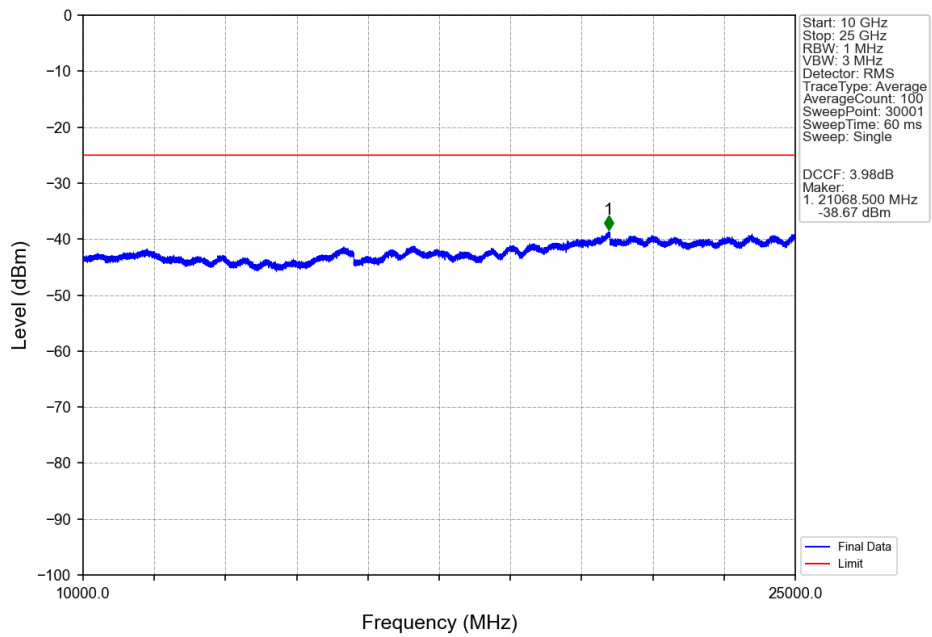
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



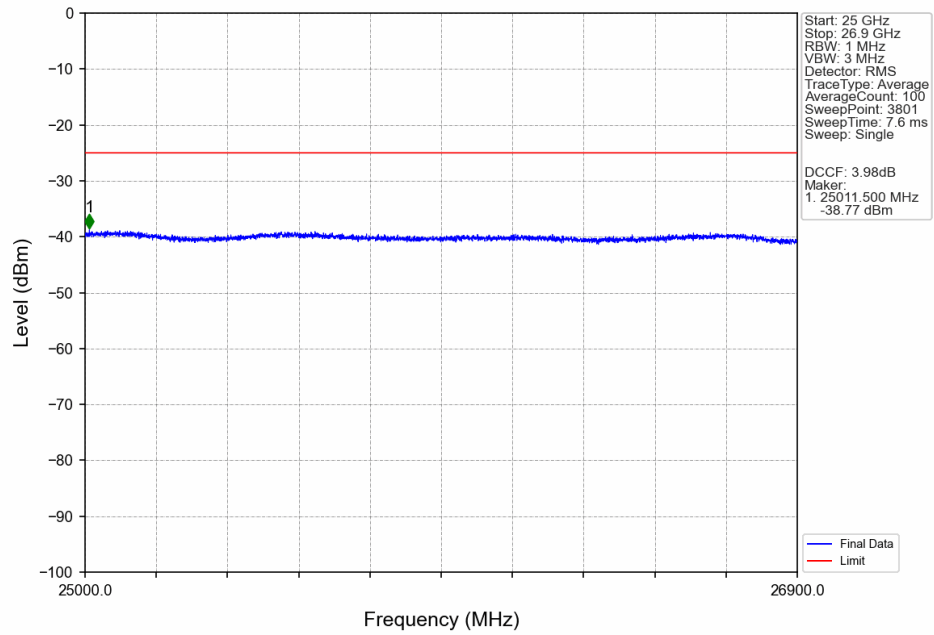
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



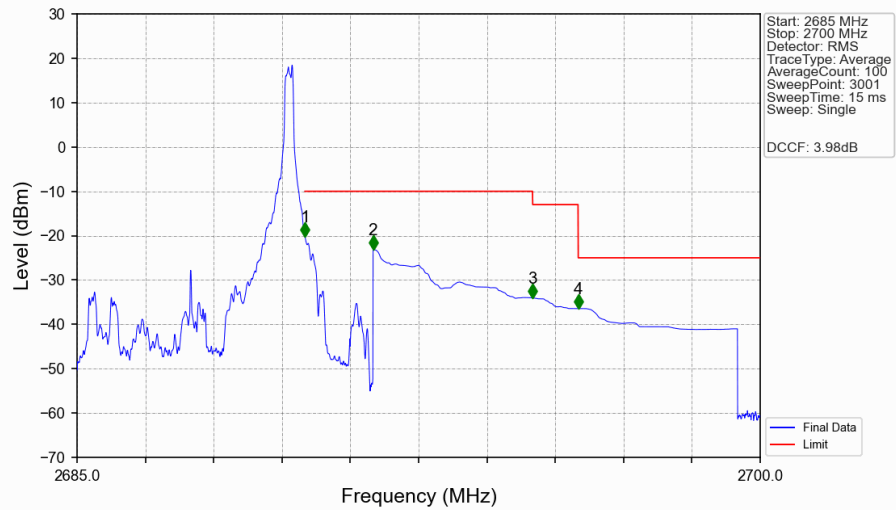
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

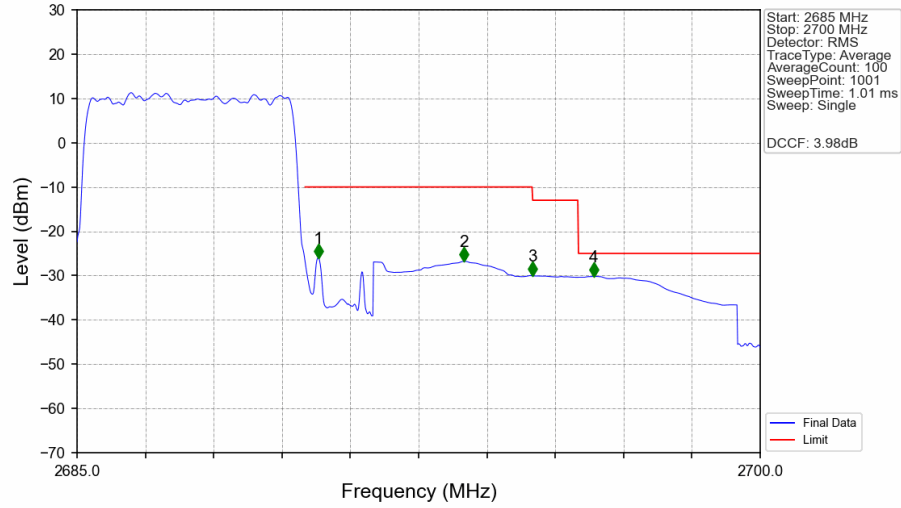


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



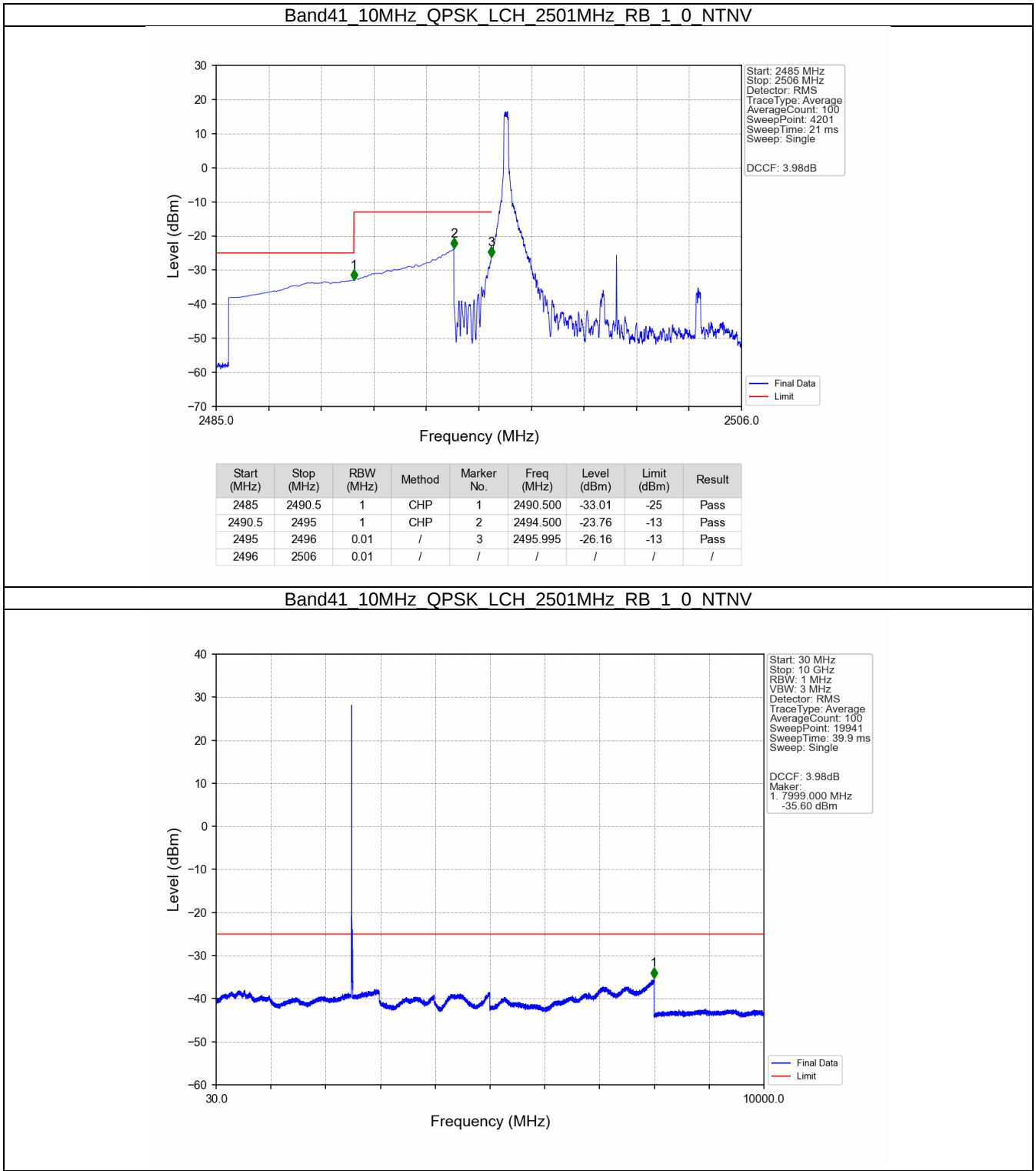
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-20.28	-10	Pass
2691	2695	1	CHP	2	2691.500	-23.17	-10	Pass
2695	2696	1	CHP	3	2695.005	-34.06	-13	Pass
2696	2700	1	CHP	4	2696.005	-36.45	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

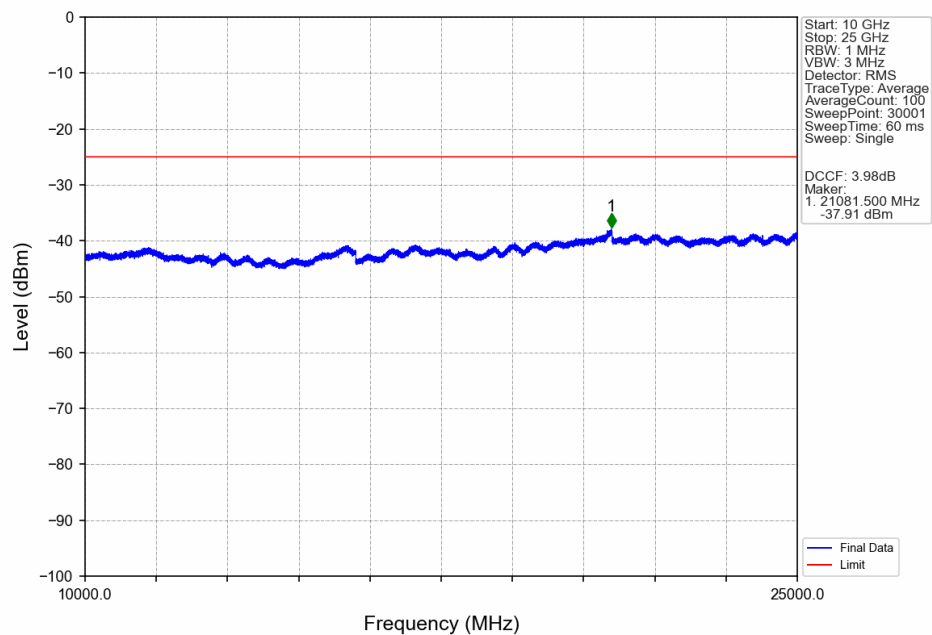


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.11	CHP	/	/	/	/	/
2690	2691	0.11	CHP	1	2690.295	-25.99	-10	Pass
2691	2695	1	CHP	2	2693.490	-26.81	-10	Pass
2695	2696	1	CHP	3	2695.005	-30.08	-13	Pass
2696	2700	1	CHP	4	2696.340	-30.19	-25	Pass

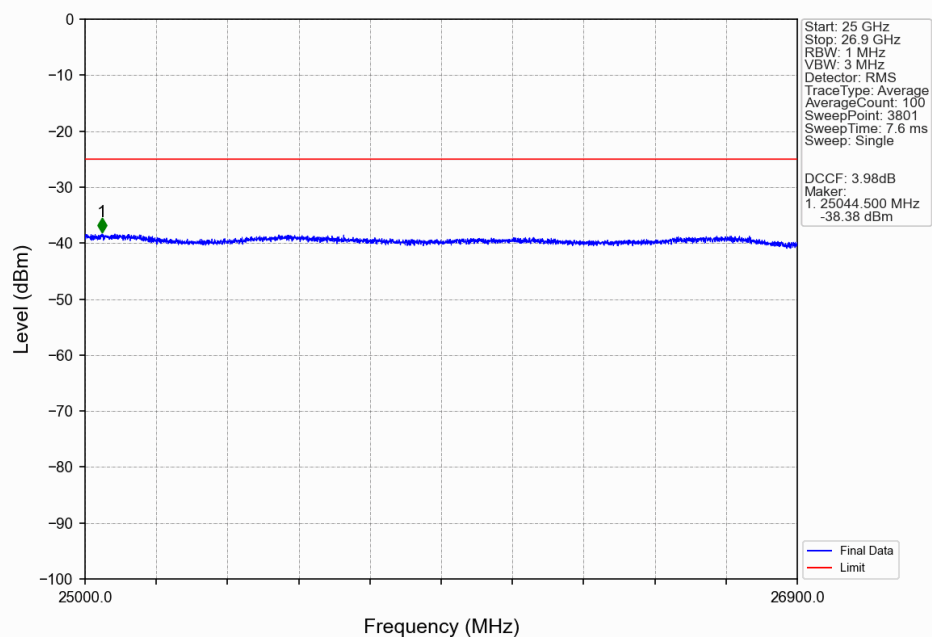
5.2.2 B41_10MHz



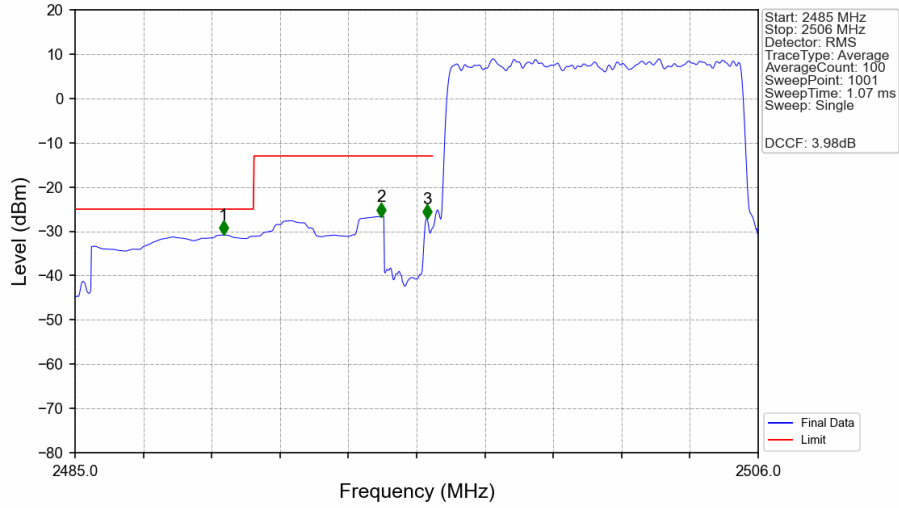
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

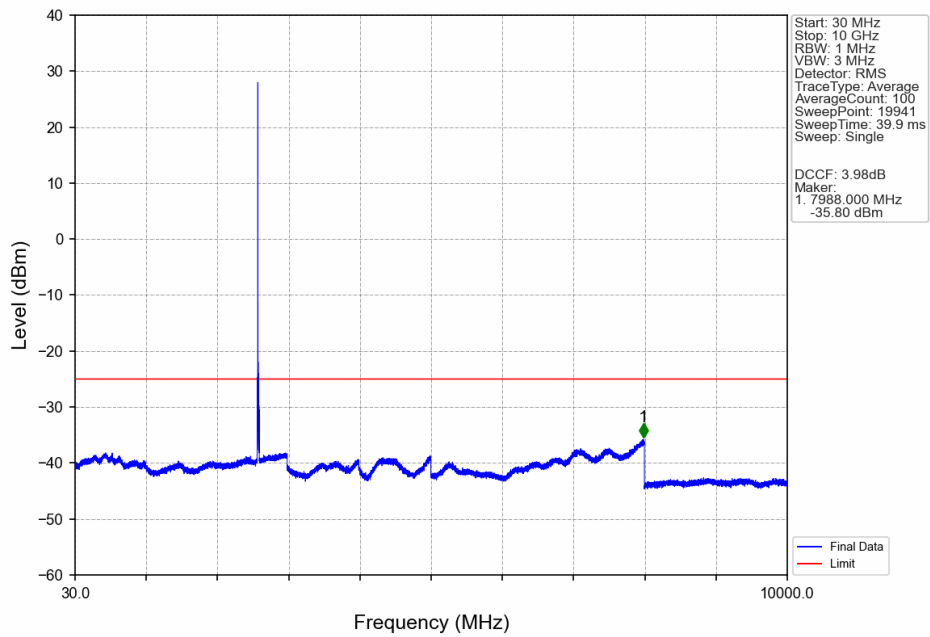


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

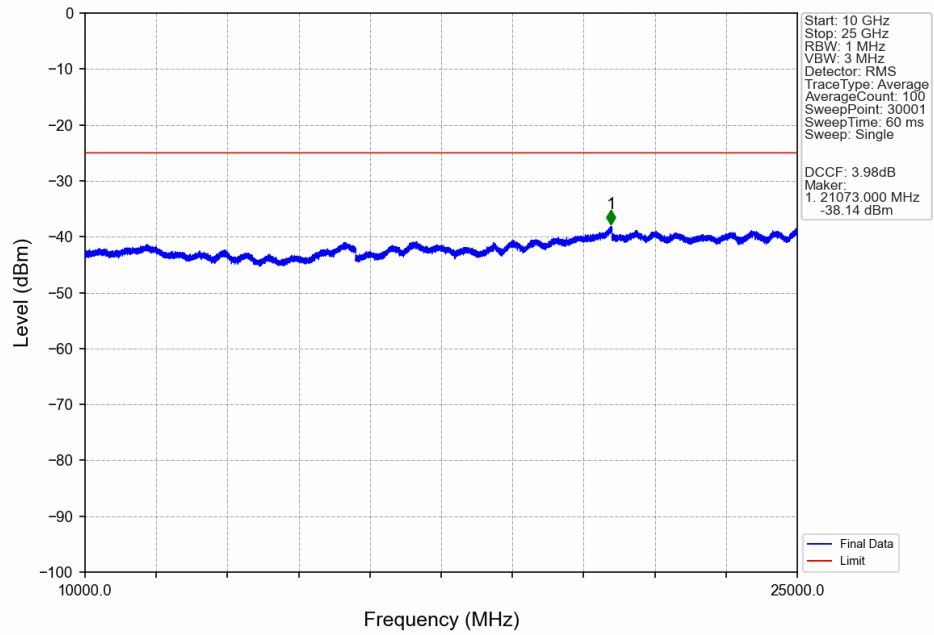


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.557	-30.82	-25	Pass
2490.5	2495	1	CHP	2	2494.408	-26.67	-13	Pass
2495	2496	0.102	CHP	3	2495.815	-27.08	-13	Pass
2496	2506	0.102	CHP	/	/	/	/	/

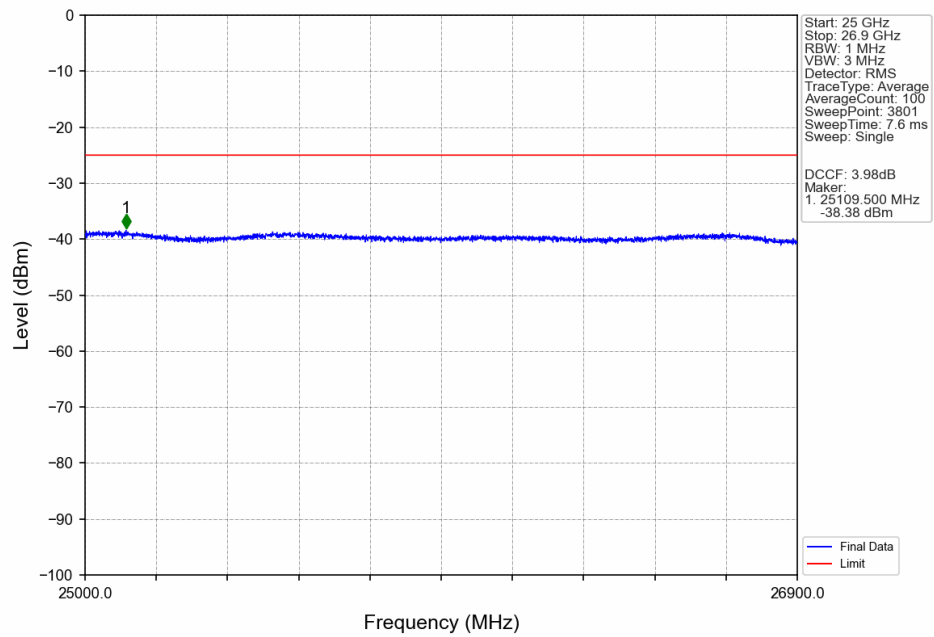
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



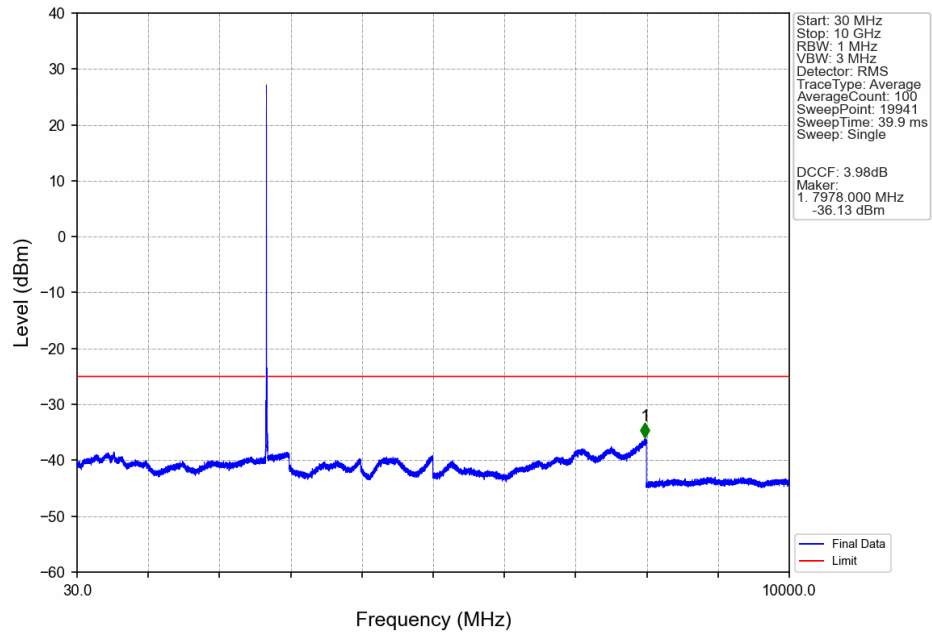
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



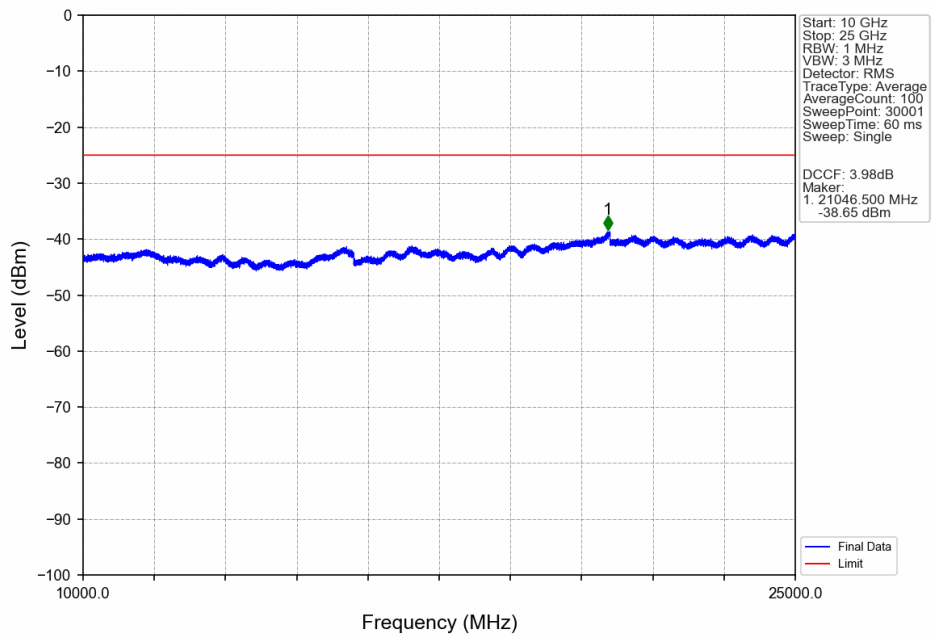
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



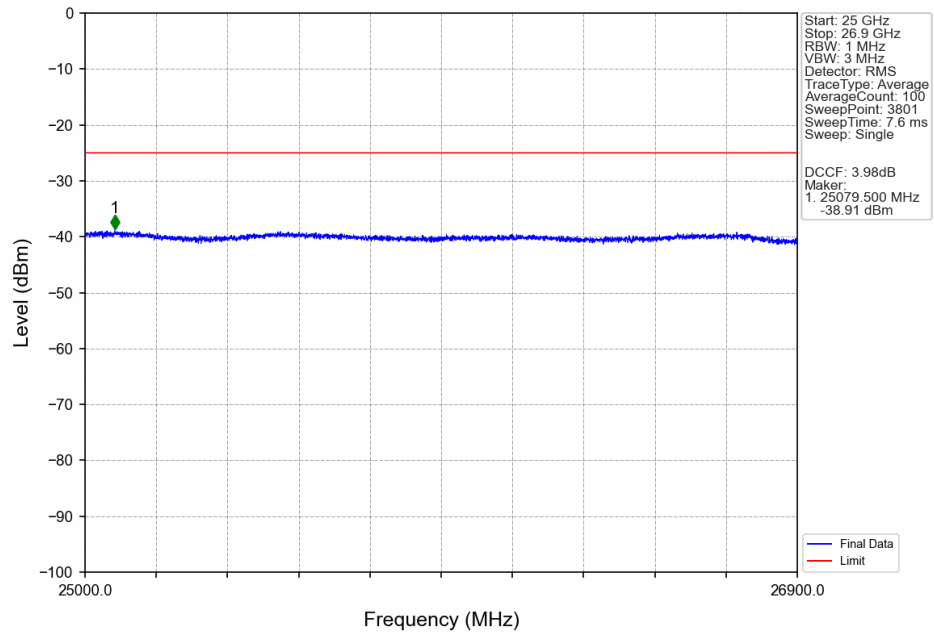
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



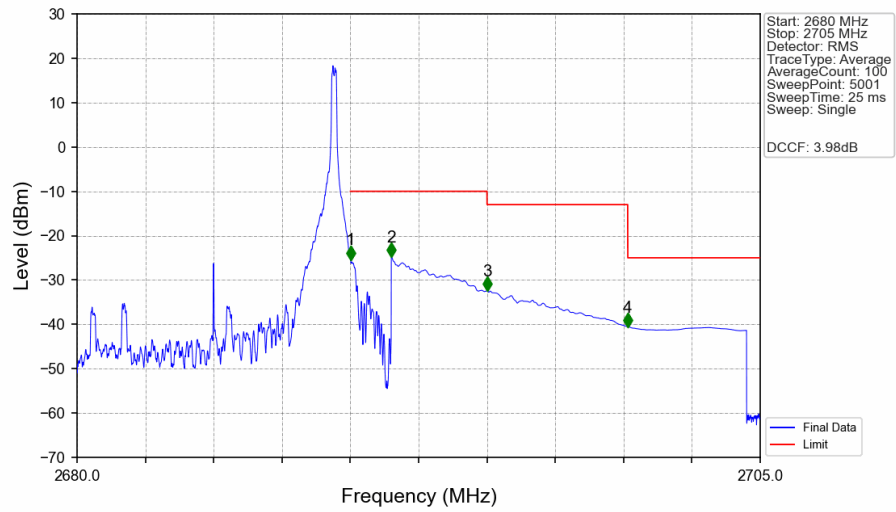
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

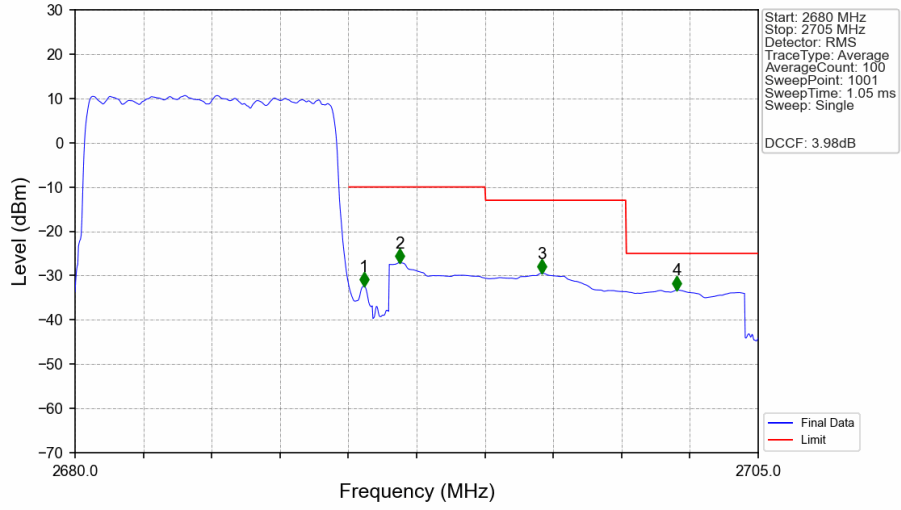


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



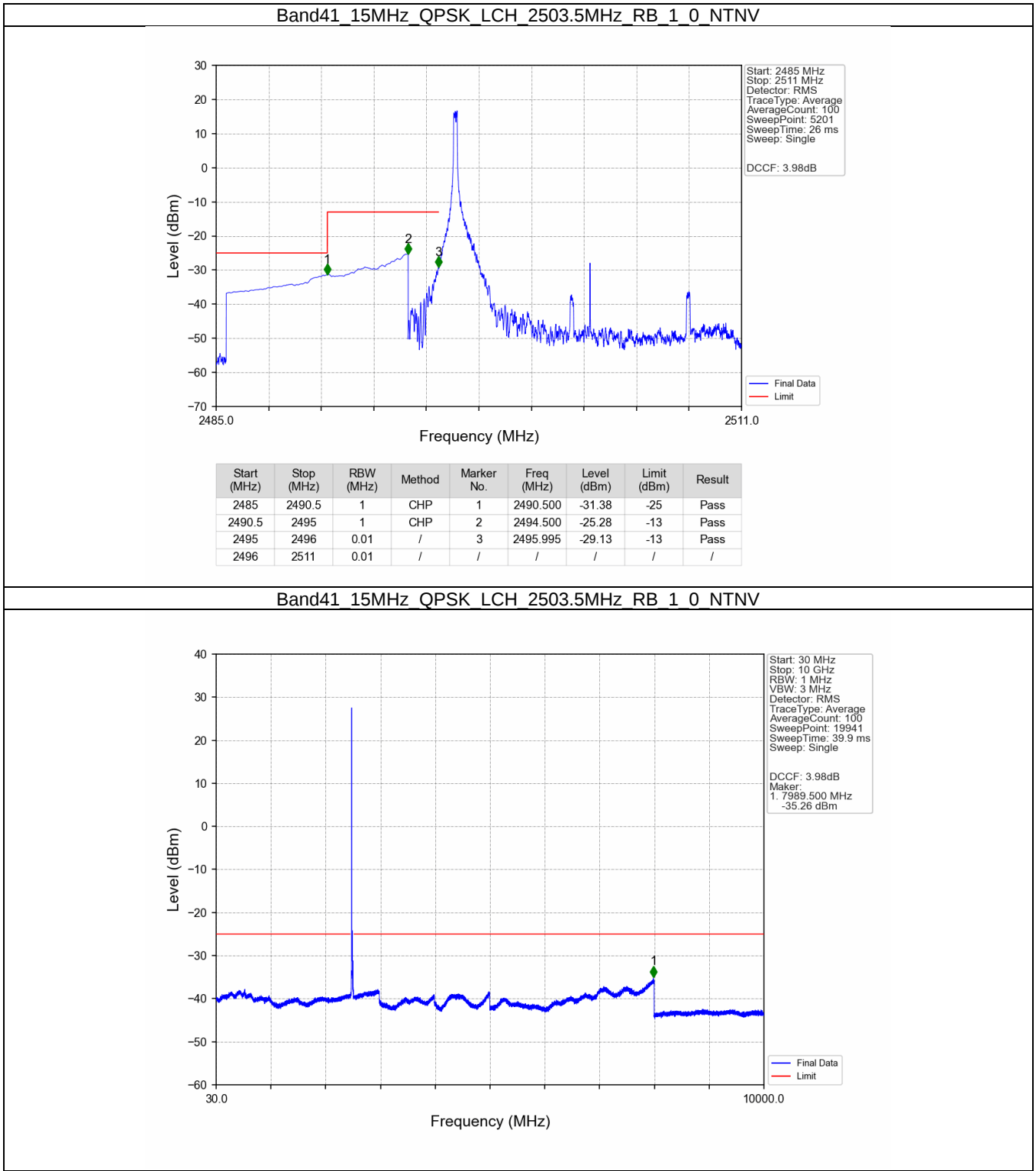
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-25.41	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.72	-10	Pass
2695	2700.15	1	CHP	3	2695.005	-32.42	-13	Pass
2700.15	2705	1	CHP	4	2700.155	-40.54	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

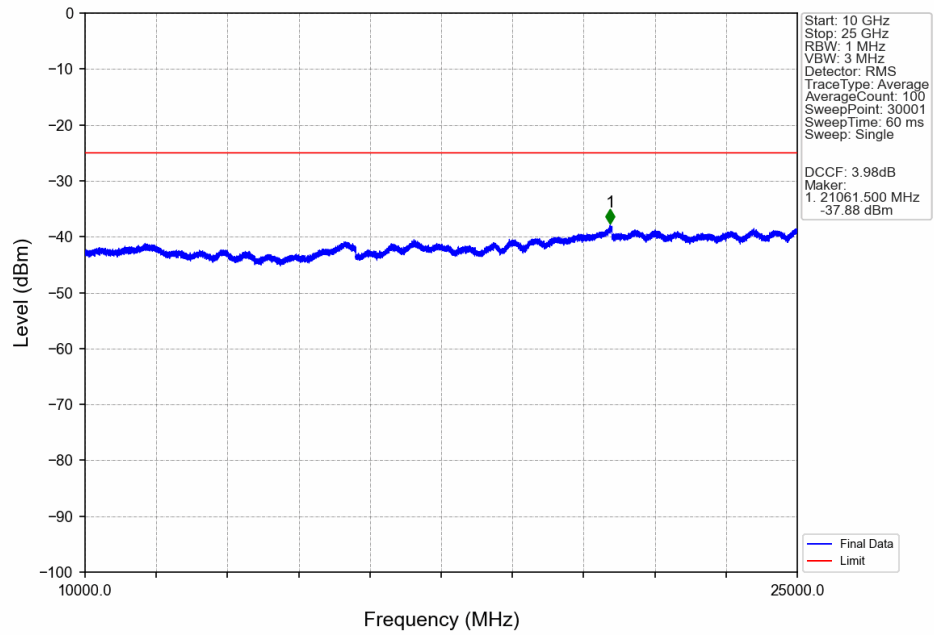


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.203	CHP	/	/	/	/	/
2690	2691	0.203	CHP	1	2690.575	-32.41	-10	Pass
2691	2695	1	CHP	2	2691.875	-27.09	-10	Pass
2695	2700.15	1	CHP	3	2697.075	-29.48	-13	Pass
2700.15	2705	1	CHP	4	2702.025	-33.24	-25	Pass

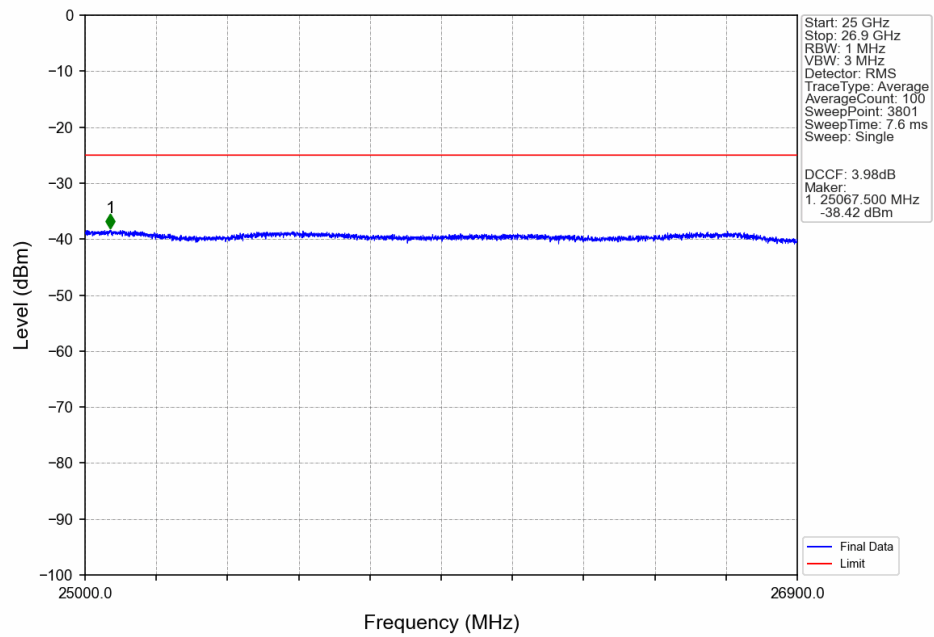
5.2.3 B41_15MHz



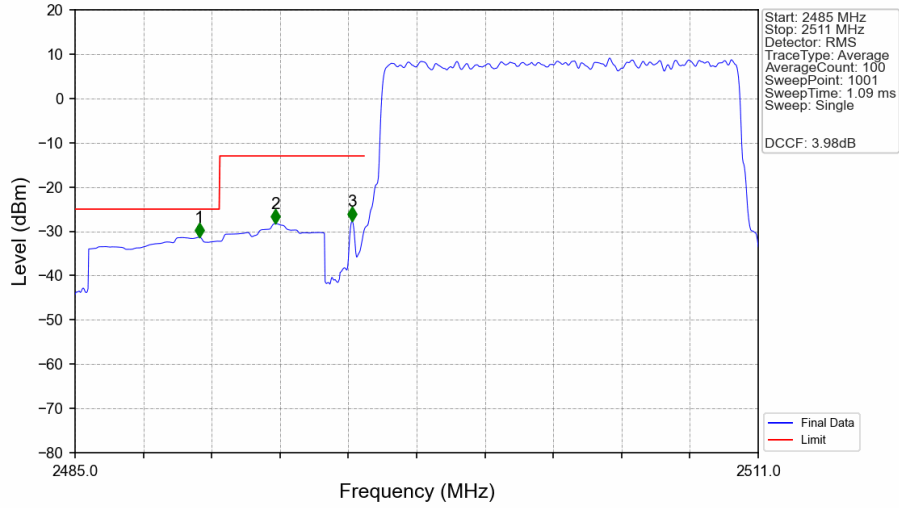
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

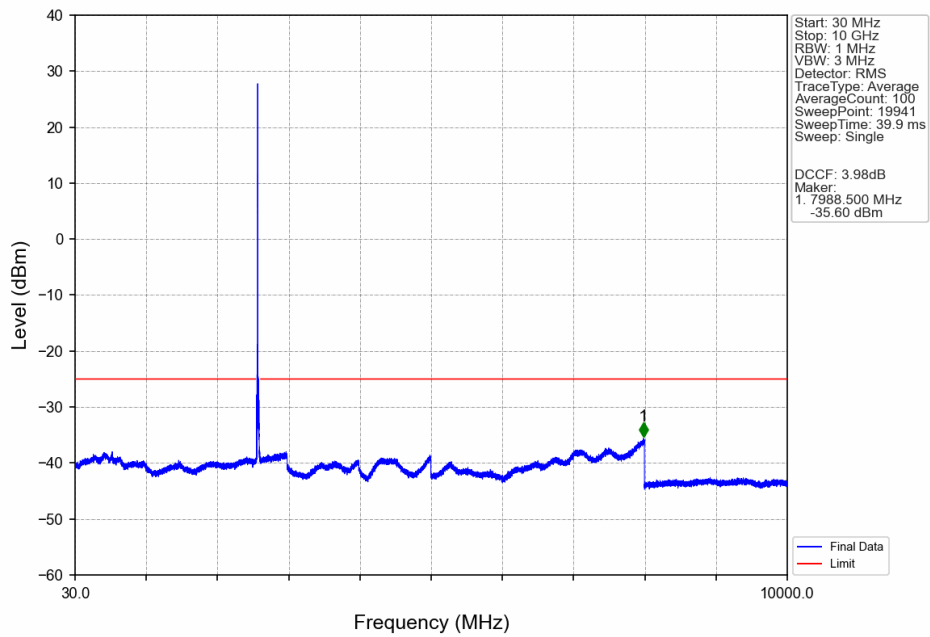


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

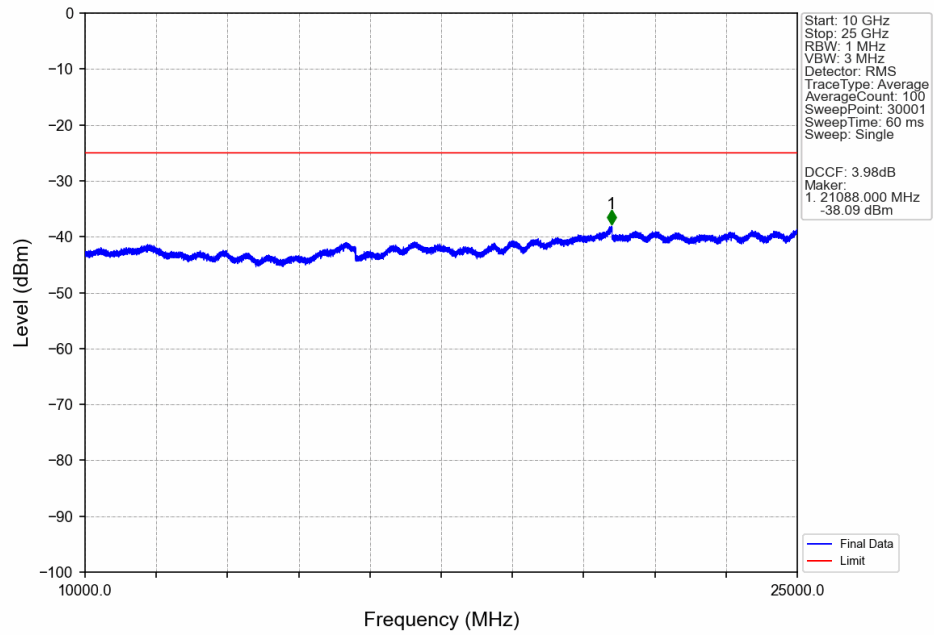


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.732	-31.33	-25	Pass
2490.5	2495	1	CHP	2	2492.618	-28.30	-13	Pass
2495	2496	0.154	CHP	3	2495.556	-27.75	-13	Pass
2496	2511	0.154	CHP	/	/	/	/	/

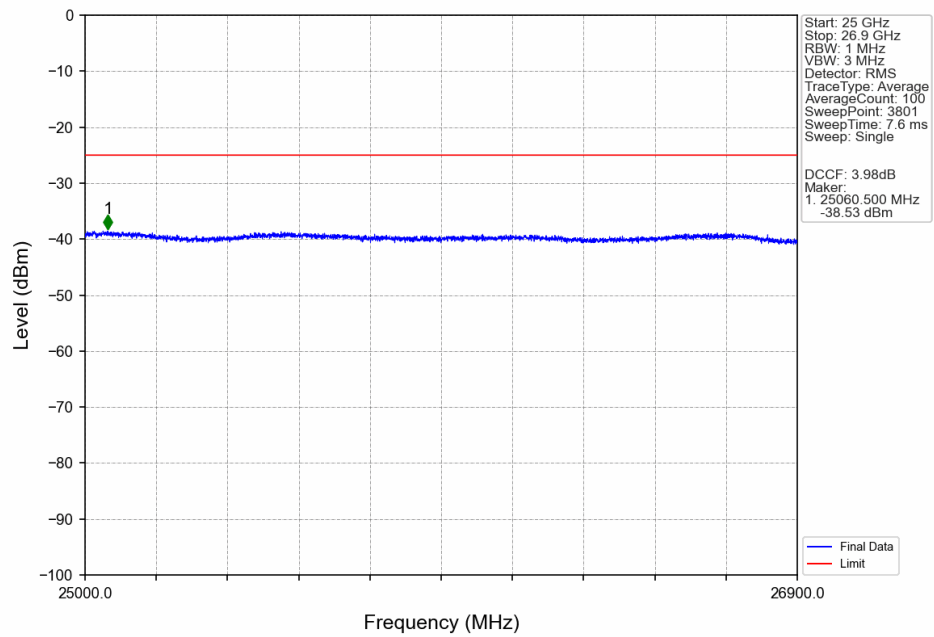
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



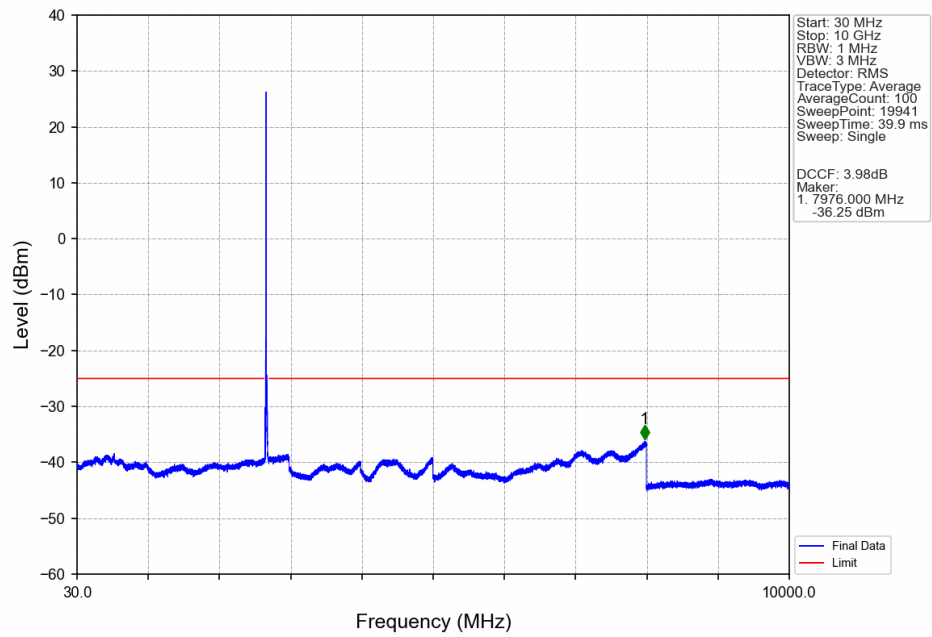
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



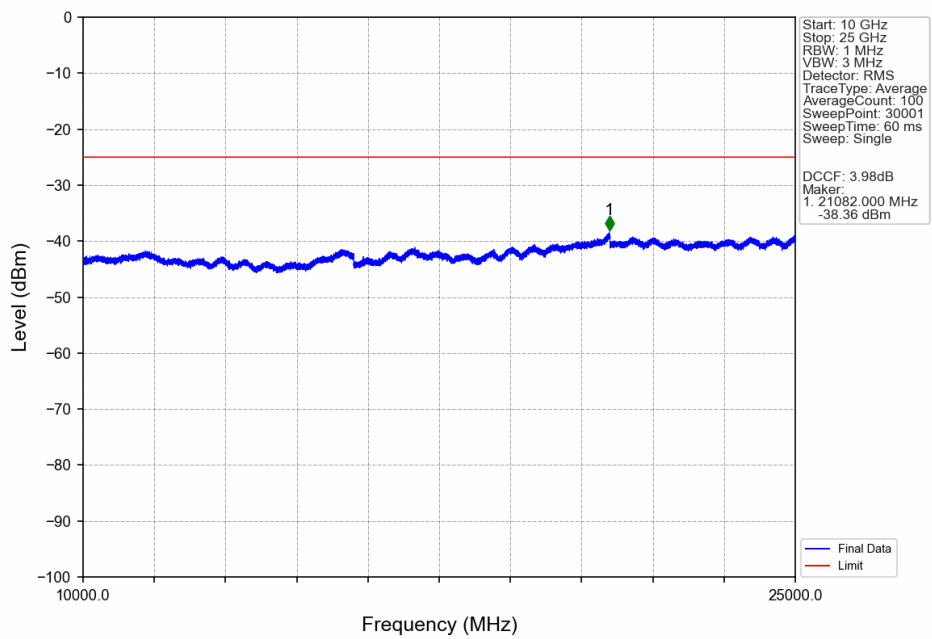
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



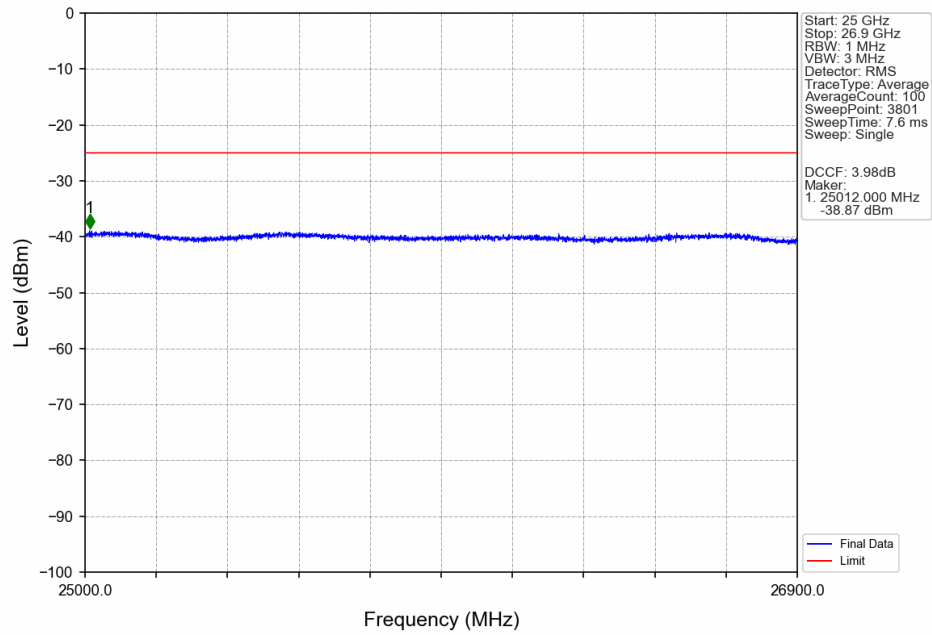
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



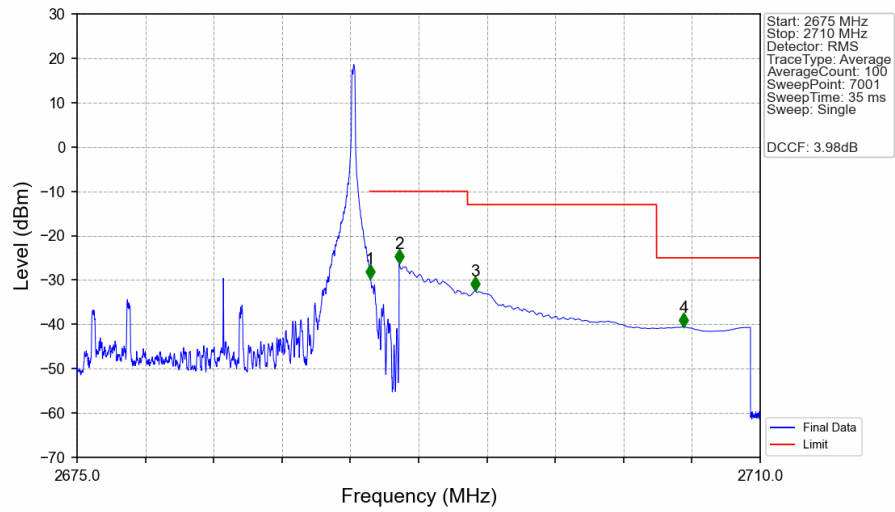
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

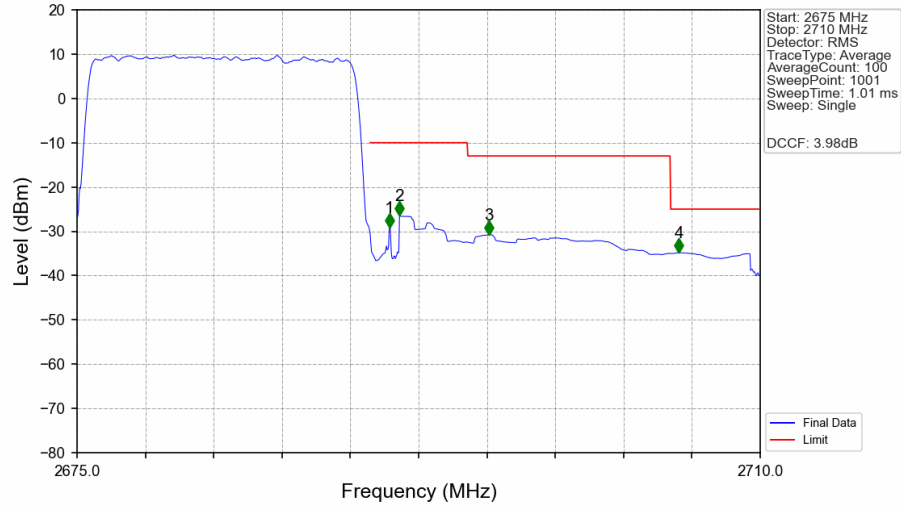


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



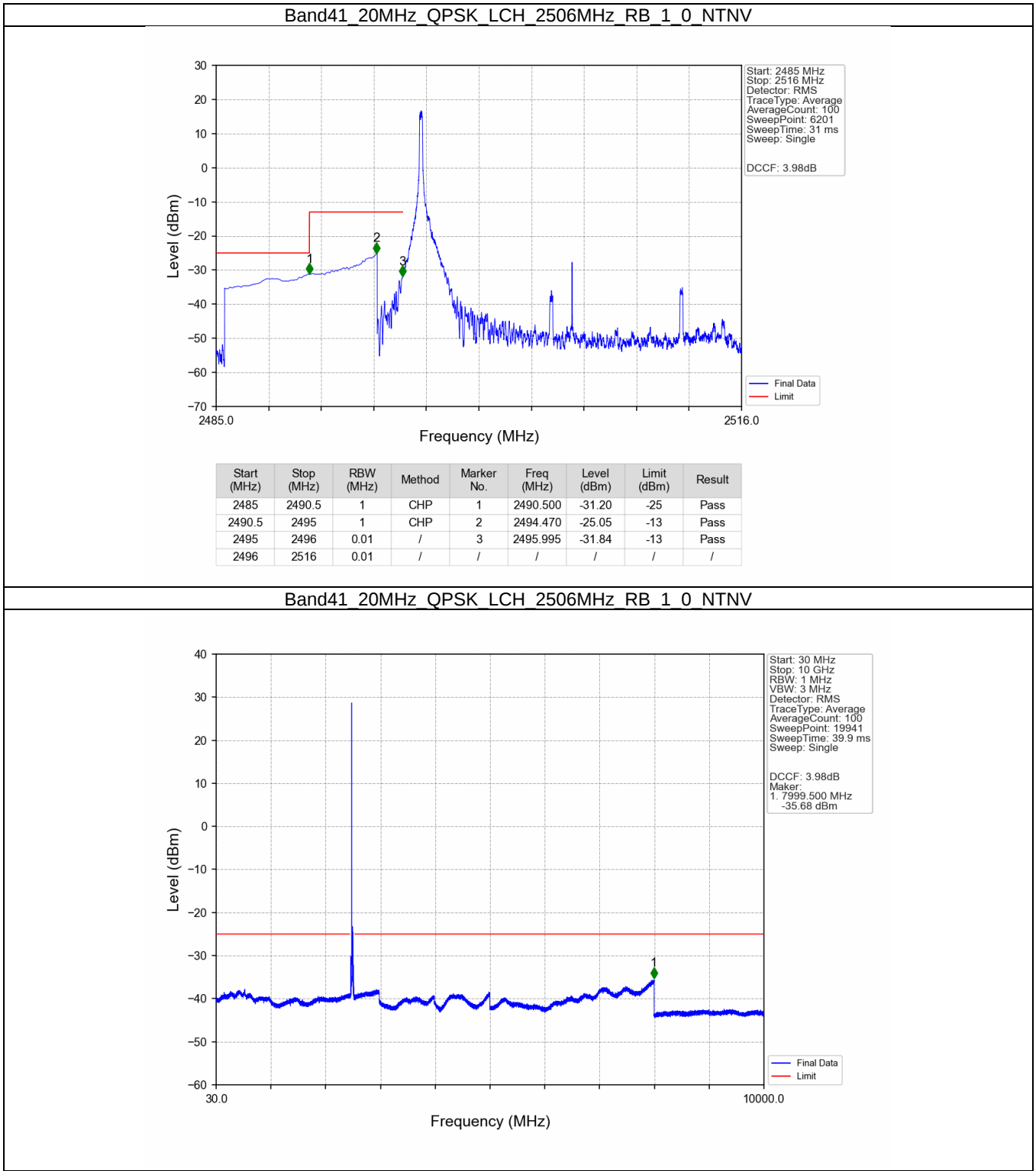
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-29.69	-10	Pass
2691	2695	1	CHP	2	2691.500	-26.23	-10	Pass
2695	2704.687	1	CHP	3	2695.415	-32.44	-13	Pass
2704.687	2710	1	CHP	4	2706.085	-40.59	-25	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

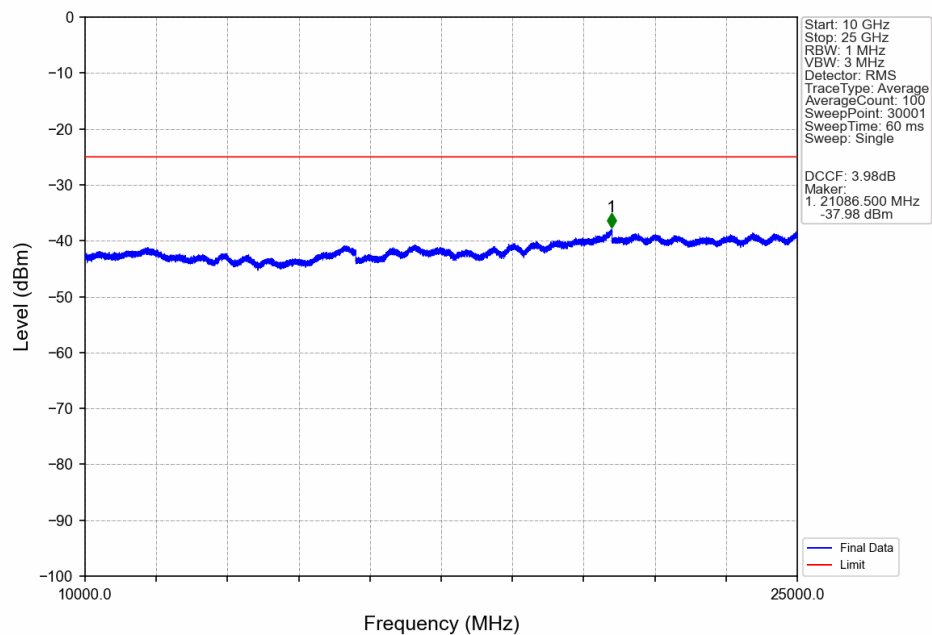


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.308	CHP	/	/	/	/	/
2690	2691	0.308	CHP	1	2690.995	-29.10	-10	Pass
2691	2695	1	CHP	2	2691.520	-26.39	-10	Pass
2695	2705.413	1	CHP	3	2696.105	-30.79	-13	Pass
2705.413	2710	1	CHP	4	2705.835	-34.85	-25	Pass

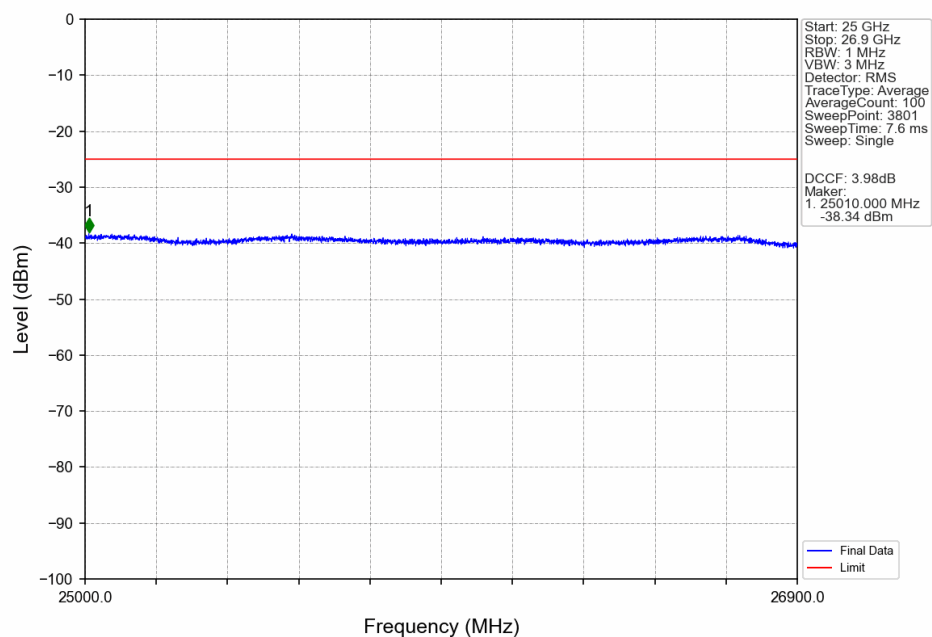
5.2.4 B41_20MHz



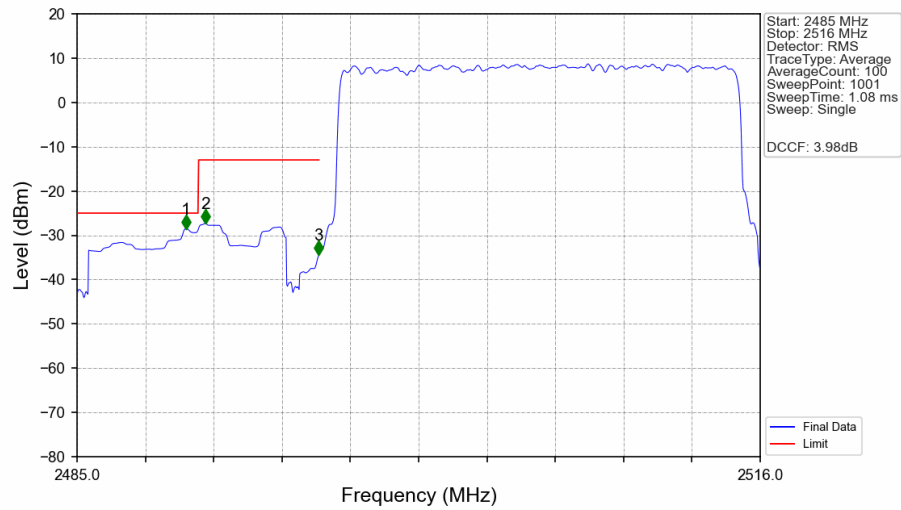
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

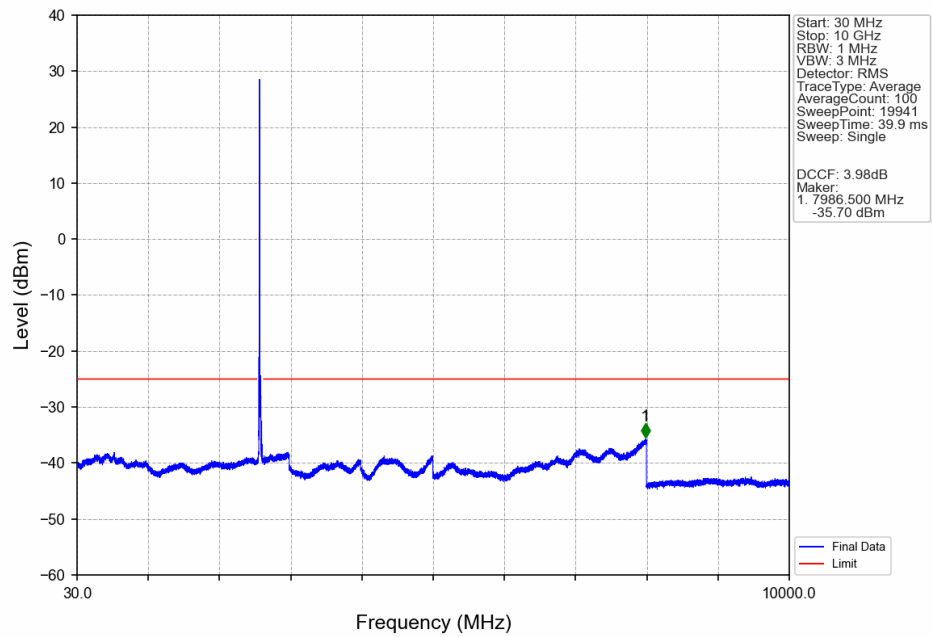


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

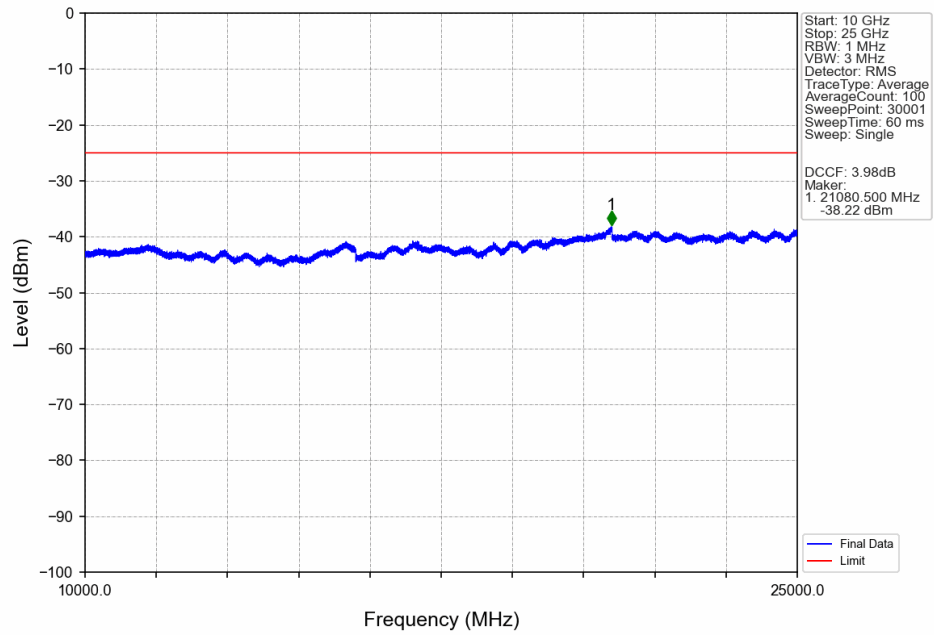


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.929	-28.53	-25	Pass
2490.5	2495	1	CHP	2	2490.828	-27.26	-13	Pass
2495	2496	0.203	CHP	3	2495.974	-34.45	-13	Pass
2496	2516	0.203	CHP	/	/	/	/	/

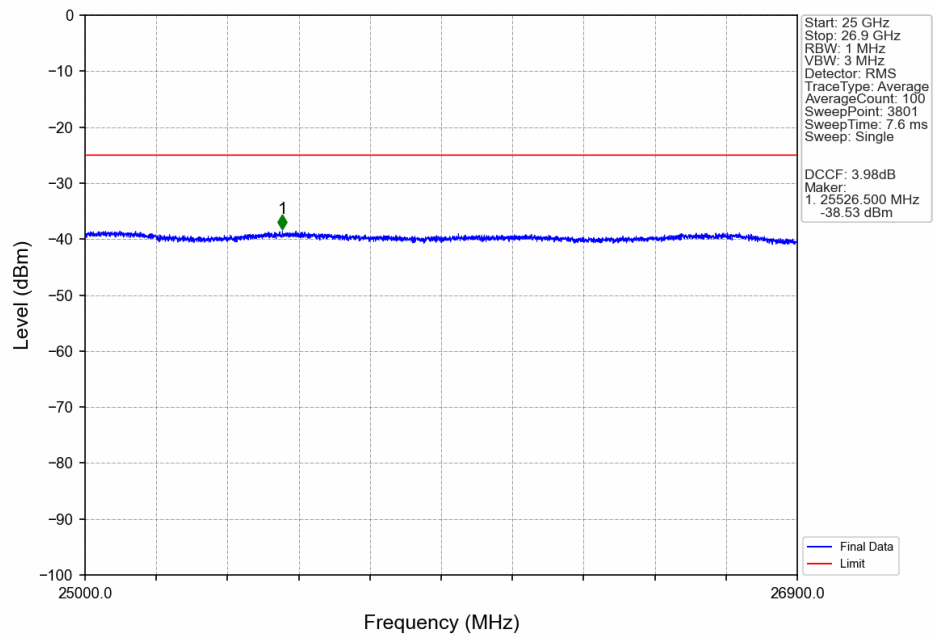
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



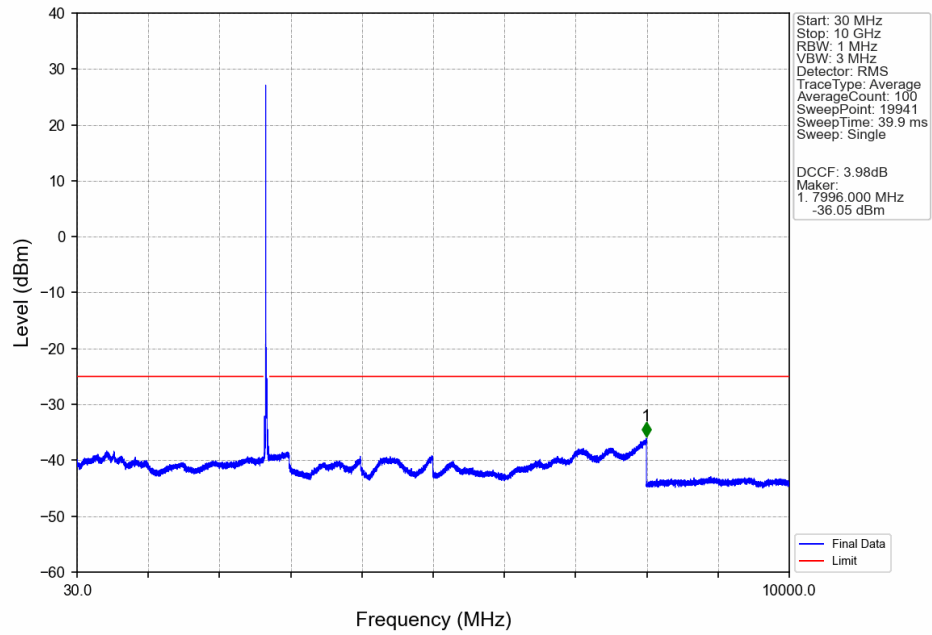
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



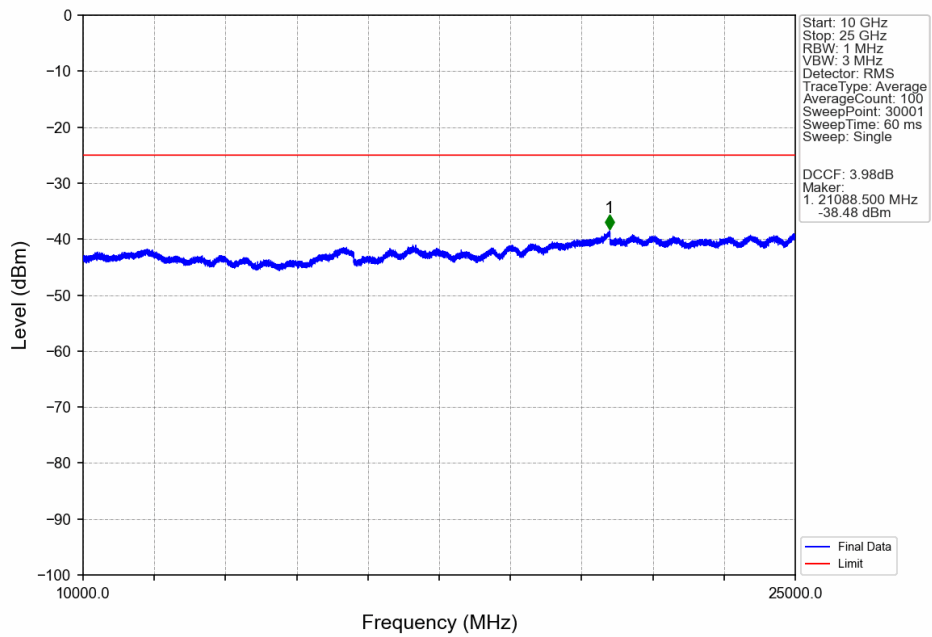
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



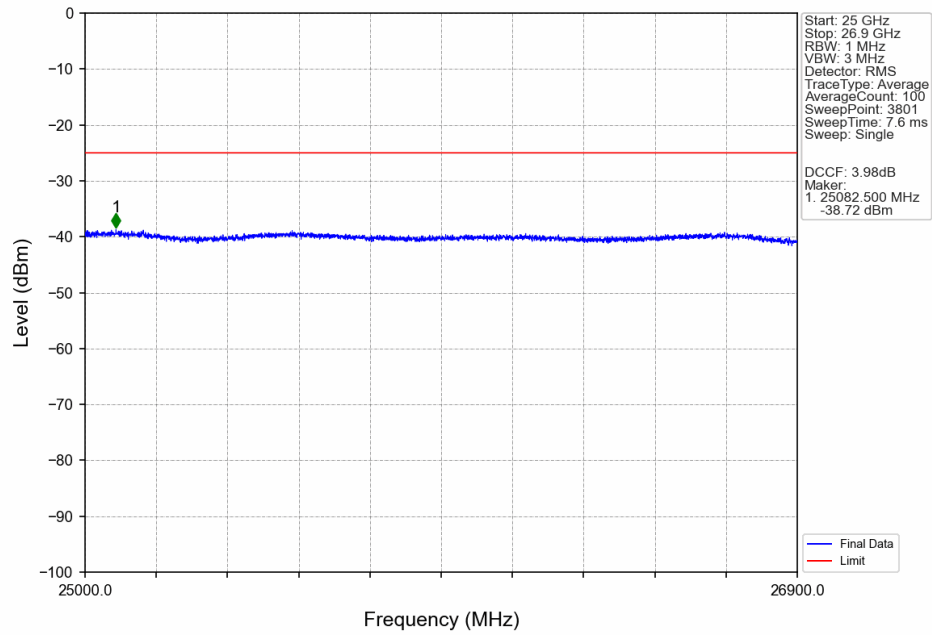
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



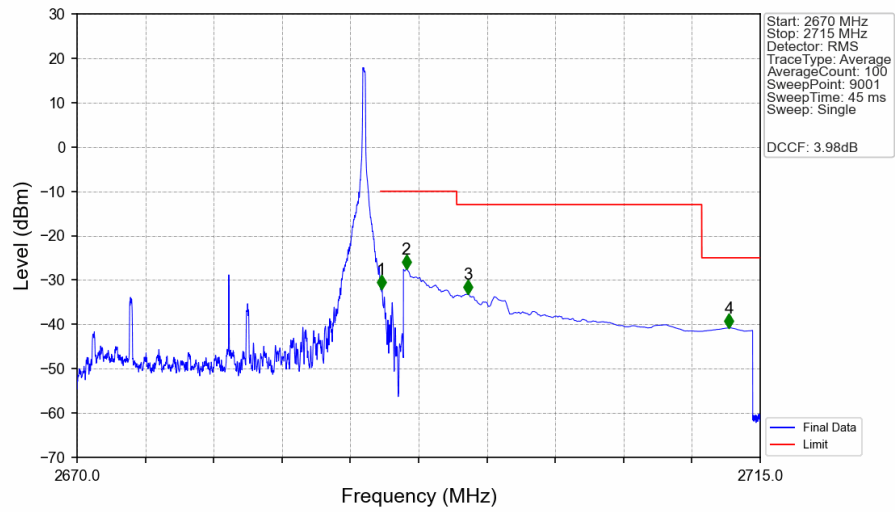
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

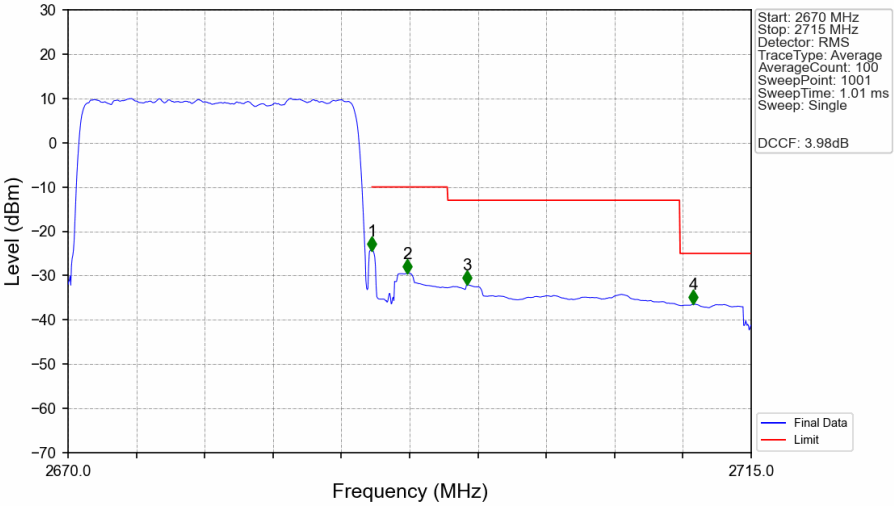


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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	2690.030	-32.00	-10	Pass
2691	2695	1	CHP	2	2691.680	-27.54	-10	Pass
2695	2711.148	1	CHP	3	2695.770	-33.21	-13	Pass
2711.148	2715	1	CHP	4	2712.930	-40.76	-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	0.406	CHP	/	/	/	/	/
2690	2691	0.406	CHP	1	2690.025	-24.34	-10	Pass
2691	2695	1	CHP	2	2692.365	-29.46	-10	Pass
2695	2710.315	1	CHP	3	2696.280	-31.99	-13	Pass
2710.315	2715	1	CHP	4	2711.175	-36.48	-25	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 41_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	49.62	-48.01	31.19	-62.46	-25.00	37.46	Horizontal
2	7491.27	48.43	-46.17	36.38	-56.62	-25.00	31.62	Horizontal
3	9988.36	47.41	-41.75	38.78	-50.81	-25.00	25.81	Horizontal
4	12485.45	48.16	-39.84	39.11	-47.83	-25.00	22.83	Horizontal
5	14982.54	50.16	-37.89	40.20	-42.79	-25.00	17.79	Horizontal
6	17479.63	50.90	-36.93	41.68	-39.61	-25.00	14.61	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	49.79	-48.01	31.19	-62.29	-25.00	37.29	Vertical
2	7491.27	49.03	-46.17	36.38	-56.02	-25.00	31.02	Vertical
3	9988.36	47.72	-41.75	38.78	-50.50	-25.00	25.50	Vertical
4	12485.45	48.49	-39.84	39.11	-47.50	-25.00	22.50	Vertical
5	14982.54	50.22	-37.89	40.20	-42.73	-25.00	17.73	Vertical
6	17479.63	49.91	-36.93	41.68	-40.60	-25.00	15.60	Vertical

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

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17378.5	53.86	-37.34	41.07	-37.67	-25.00	12.67	Horizontal
2	5168.18	50.40	-47.87	31.67	-61.06	-25.00	36.06	Horizontal
3	7752.27	49.23	-45.05	36.35	-54.73	-25.00	29.73	Horizontal
4	10336.36	47.92	-41.18	39.04	-49.49	-25.00	24.49	Horizontal
5	12920.45	48.96	-39.42	38.85	-46.87	-25.00	21.87	Horizontal
6	15504.54	51.95	-38.05	39.29	-42.07	-25.00	17.07	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17852.5	51.36	-36.91	43.92	-36.89	-25.00	11.89	Vertical
2	5168.18	50.20	-47.87	31.67	-61.26	-25.00	36.26	Vertical
3	7752.27	48.75	-45.05	36.35	-55.21	-25.00	30.21	Vertical
4	10336.36	48.73	-41.18	39.04	-48.68	-25.00	23.68	Vertical
5	12920.45	48.79	-39.42	38.85	-47.04	-25.00	22.04	Vertical
6	15504.54	51.47	-38.05	39.29	-42.55	-25.00	17.55	Vertical

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

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17930	51.64	-36.49	44.38	-35.73	-25.00	10.73	Horizontal
2	5255.18	50.79	-47.83	31.92	-60.38	-25.00	35.38	Horizontal
3	7882.77	48.41	-45.36	36.32	-55.88	-25.00	30.88	Horizontal
4	10510.36	47.60	-40.71	39.16	-49.22	-25.00	24.22	Horizontal
5	13137.95	48.77	-38.51	39.01	-46.00	-25.00	21.00	Horizontal
6	15765.54	50.43	-38.22	38.82	-44.23	-25.00	19.23	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17506.5	51.97	-36.82	41.84	-38.27	-25.00	13.27	Vertical
2	5255.18	50.57	-47.83	31.92	-60.60	-25.00	35.60	Vertical
3	7882.77	48.22	-45.36	36.32	-56.07	-25.00	31.07	Vertical
4	10510.36	47.83	-40.71	39.16	-48.99	-25.00	23.99	Vertical
5	13137.95	49.35	-38.51	39.01	-45.42	-25.00	20.42	Vertical
6	15765.54	51.94	-38.22	38.82	-42.72	-25.00	17.72	Vertical