

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	26.26	-1.60	24.66	<=33.01	Pass
			13	26.00	-1.60	24.40	<=33.01	Pass
			24	26.02	-1.60	24.42	<=33.01	Pass
		12	0	24.95	-1.60	23.35	<=33.01	Pass
			6	25.17	-1.60	23.57	<=33.01	Pass
			13	24.94	-1.60	23.34	<=33.01	Pass
		25	0	25.01	-1.60	23.41	<=33.01	Pass
	2593	1	0	25.92	-1.60	24.32	<=33.01	Pass
			13	26.21	-1.60	24.61	<=33.01	Pass
			24	26.23	-1.60	24.63	<=33.01	Pass
		12	0	24.88	-1.60	23.28	<=33.01	Pass
			6	25.17	-1.60	23.57	<=33.01	Pass
			13	24.86	-1.60	23.26	<=33.01	Pass
		25	0	25.20	-1.60	23.60	<=33.01	Pass
	2687.5	1	0	25.86	-1.60	24.26	<=33.01	Pass
			13	25.85	-1.60	24.25	<=33.01	Pass
			24	26.03	-1.60	24.43	<=33.01	Pass
		12	0	24.83	-1.60	23.23	<=33.01	Pass
			6	24.82	-1.60	23.22	<=33.01	Pass
			13	24.98	-1.60	23.38	<=33.01	Pass
		25	0	24.86	-1.60	23.26	<=33.01	Pass
16QAM	2498.5	1	0	25.19	-1.60	23.59	<=33.01	Pass
			13	25.09	-1.60	23.49	<=33.01	Pass
			24	25.25	-1.60	23.65	<=33.01	Pass
		12	0	23.95	-1.60	22.35	<=33.01	Pass
			6	24.01	-1.60	22.41	<=33.01	Pass
			13	24.02	-1.60	22.42	<=33.01	Pass
		25	0	24.17	-1.60	22.57	<=33.01	Pass
	2593	1	0	25.31	-1.60	23.71	<=33.01	Pass
			13	25.56	-1.60	23.96	<=33.01	Pass
			24	24.98	-1.60	23.38	<=33.01	Pass
		12	0	24.20	-1.60	22.60	<=33.01	Pass
			6	24.15	-1.60	22.55	<=33.01	Pass
			13	24.16	-1.60	22.56	<=33.01	Pass
		25	0	24.20	-1.60	22.60	<=33.01	Pass
	2687.5	1	0	25.19	-1.60	23.59	<=33.01	Pass
			13	24.97	-1.60	23.37	<=33.01	Pass
			24	24.97	-1.60	23.37	<=33.01	Pass
		12	0	24.09	-1.60	22.49	<=33.01	Pass
			6	24.08	-1.60	22.48	<=33.01	Pass
			13	24.09	-1.60	22.49	<=33.01	Pass
		25	0	23.87	-1.60	22.27	<=33.01	Pass
64QAM	2498.5	1	0	24.16	-1.60	22.56	<=33.01	Pass
			13	24.16	-1.60	22.56	<=33.01	Pass
			24	24.28	-1.60	22.68	<=33.01	Pass
		12	0	23.02	-1.60	21.42	<=33.01	Pass
			6	23.20	-1.60	21.60	<=33.01	Pass
			13	23.20	-1.60	21.60	<=33.01	Pass

	2593	25	0	23.01	-1.60	21.41	<=33.01	Pass
		1	0	24.00	-1.60	22.40	<=33.01	Pass
			13	24.05	-1.60	22.45	<=33.01	Pass
			24	24.06	-1.60	22.46	<=33.01	Pass
		12	0	23.12	-1.60	21.52	<=33.01	Pass
			6	23.12	-1.60	21.52	<=33.01	Pass
			13	23.13	-1.60	21.53	<=33.01	Pass
			25	23.11	-1.60	21.51	<=33.01	Pass
	2687.5	1	0	23.97	-1.60	22.37	<=33.01	Pass
			13	24.26	-1.60	22.66	<=33.01	Pass
			24	24.50	-1.60	22.90	<=33.01	Pass
			25	24.50	-1.60	22.90	<=33.01	Pass
		12	0	23.11	-1.60	21.51	<=33.01	Pass
			6	23.12	-1.60	21.52	<=33.01	Pass
			13	22.95	-1.60	21.35	<=33.01	Pass
			25	22.83	-1.60	21.23	<=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	26.00	-1.60	24.40	<=33.01	Pass
			25	26.24	-1.60	24.64	<=33.01	Pass
			49	26.02	-1.60	24.42	<=33.01	Pass
		25	0	24.96	-1.60	23.36	<=33.01	Pass
			13	25.19	-1.60	23.59	<=33.01	Pass
			25	25.21	-1.60	23.61	<=33.01	Pass
		50	0	24.98	-1.60	23.38	<=33.01	Pass
		2593	1	0	25.92	24.32	<=33.01	Pass
				25	26.30	24.70	<=33.01	Pass
				49	26.30	24.70	<=33.01	Pass
			25	0	25.22	23.62	<=33.01	Pass
				13	25.22	23.62	<=33.01	Pass
				25	25.22	23.62	<=33.01	Pass
		50	0	24.85	-1.60	23.25	<=33.01	Pass
	2685	1	0	25.78	-1.60	24.18	<=33.01	Pass
			25	25.83	-1.60	24.23	<=33.01	Pass
			49	25.95	-1.60	24.35	<=33.01	Pass
			25	0	24.84	23.24	<=33.01	Pass
				13	25.04	23.44	<=33.01	Pass
				25	25.07	23.47	<=33.01	Pass
		50	0	25.06	-1.60	23.46	<=33.01	Pass
			1	0	25.11	23.51	<=33.01	Pass
				25	25.32	23.72	<=33.01	Pass
				49	25.37	23.77	<=33.01	Pass
16QAM	2501	25	0	24.15	-1.60	22.55	<=33.01	Pass
			13	24.05	-1.60	22.45	<=33.01	Pass
			25	24.04	-1.60	22.44	<=33.01	Pass
		50	0	24.17	-1.60	22.57	<=33.01	Pass
	2593	1	0	24.83	-1.60	23.23	<=33.01	Pass
			25	25.11	-1.60	23.51	<=33.01	Pass
			49	25.09	-1.60	23.49	<=33.01	Pass
		25	0	23.88	-1.60	22.28	<=33.01	Pass
			13	24.21	-1.60	22.61	<=33.01	Pass
			25	24.21	-1.60	22.61	<=33.01	Pass

	2685	50	0	24.14	-1.60	22.54	<=33.01	Pass
		1	0	24.86	-1.60	23.26	<=33.01	Pass
			25	25.12	-1.60	23.52	<=33.01	Pass
			49	24.95	-1.60	23.35	<=33.01	Pass
		25	0	24.05	-1.60	22.45	<=33.01	Pass
			13	24.09	-1.60	22.49	<=33.01	Pass
			25	24.06	-1.60	22.46	<=33.01	Pass
		50	0	23.86	-1.60	22.26	<=33.01	Pass
64QAM	2501	1	0	24.04	-1.60	22.44	<=33.01	Pass
			25	24.07	-1.60	22.47	<=33.01	Pass
			49	24.07	-1.60	22.47	<=33.01	Pass
		25	0	22.96	-1.60	21.36	<=33.01	Pass
			13	23.24	-1.60	21.64	<=33.01	Pass
			25	23.19	-1.60	21.59	<=33.01	Pass
		50	0	23.22	-1.60	21.62	<=33.01	Pass
	2593	1	0	24.17	-1.60	22.57	<=33.01	Pass
			25	24.24	-1.60	22.64	<=33.01	Pass
			49	24.16	-1.60	22.56	<=33.01	Pass
		25	0	22.93	-1.60	21.33	<=33.01	Pass
			13	23.15	-1.60	21.55	<=33.01	Pass
			25	22.92	-1.60	21.32	<=33.01	Pass
		50	0	22.88	-1.60	21.28	<=33.01	Pass
	2685	1	0	23.76	-1.60	22.16	<=33.01	Pass
			25	23.93	-1.60	22.33	<=33.01	Pass
			49	23.88	-1.60	22.28	<=33.01	Pass
		25	0	22.77	-1.60	21.17	<=33.01	Pass
			13	23.06	-1.60	21.46	<=33.01	Pass
			25	23.08	-1.60	21.48	<=33.01	Pass
		50	0	23.08	-1.60	21.48	<=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	25.99	-1.60	24.39	<=33.01	Pass
			38	26.22	-1.60	24.62	<=33.01	Pass
			74	26.20	-1.60	24.60	<=33.01	Pass
		36	0	25.13	-1.60	23.53	<=33.01	Pass
			18	25.16	-1.60	23.56	<=33.01	Pass
			39	25.16	-1.60	23.56	<=33.01	Pass
		75	0	24.94	-1.60	23.34	<=33.01	Pass
	2593	1	0	25.87	-1.60	24.27	<=33.01	Pass
			38	25.92	-1.60	24.32	<=33.01	Pass
			74	25.86	-1.60	24.26	<=33.01	Pass
		36	0	24.83	-1.60	23.23	<=33.01	Pass
			18	25.14	-1.60	23.54	<=33.01	Pass
			39	25.13	-1.60	23.53	<=33.01	Pass
		75	0	24.86	-1.60	23.26	<=33.01	Pass
	2682.5	1	0	26.26	-1.60	24.66	<=33.01	Pass
			38	25.91	-1.60	24.31	<=33.01	Pass
			74	25.89	-1.60	24.29	<=33.01	Pass
		36	0	24.85	-1.60	23.25	<=33.01	Pass
			18	25.04	-1.60	23.44	<=33.01	Pass
			39	24.97	-1.60	23.37	<=33.01	Pass

		75	0	24.84	-1.60	23.24	<=33.01	Pass	
16QAM	2503.5	1	0	25.07	-1.60	23.47	<=33.01	Pass	
			38	25.35	-1.60	23.75	<=33.01	Pass	
			74	25.21	-1.60	23.61	<=33.01	Pass	
			0	23.98	-1.60	22.38	<=33.01	Pass	
		36	18	24.01	-1.60	22.41	<=33.01	Pass	
			39	24.01	-1.60	22.41	<=33.01	Pass	
			75	0	23.98	-1.60	22.38	<=33.01	Pass
		2593	1	0	25.04	-1.60	23.44	<=33.01	Pass
				38	24.84	-1.60	23.24	<=33.01	Pass
				74	24.93	-1.60	23.33	<=33.01	Pass
	0			24.16	-1.60	22.56	<=33.01	Pass	
	36		18	23.83	-1.60	22.23	<=33.01	Pass	
			39	24.12	-1.60	22.52	<=33.01	Pass	
			75	0	23.80	-1.60	22.20	<=33.01	Pass
	2682.5		1	0	25.26	-1.60	23.66	<=33.01	Pass
				38	25.00	-1.60	23.40	<=33.01	Pass
				74	25.13	-1.60	23.53	<=33.01	Pass
		0		24.13	-1.60	22.53	<=33.01	Pass	
		36	18	23.83	-1.60	22.23	<=33.01	Pass	
			39	23.81	-1.60	22.21	<=33.01	Pass	
75			0	23.85	-1.60	22.25	<=33.01	Pass	
64QAM		2503.5	1	0	24.24	-1.60	22.64	<=33.01	Pass
	38			23.91	-1.60	22.31	<=33.01	Pass	
	74			24.30	-1.60	22.70	<=33.01	Pass	
	0			23.21	-1.60	21.61	<=33.01	Pass	
	36		18	23.04	-1.60	21.44	<=33.01	Pass	
			39	23.24	-1.60	21.64	<=33.01	Pass	
			75	0	23.01	-1.60	21.41	<=33.01	Pass
	2593		1	0	24.11	-1.60	22.51	<=33.01	Pass
				38	24.08	-1.60	22.48	<=33.01	Pass
				74	24.37	-1.60	22.77	<=33.01	Pass
		0		22.90	-1.60	21.30	<=33.01	Pass	
		36	18	23.18	-1.60	21.58	<=33.01	Pass	
			39	22.87	-1.60	21.27	<=33.01	Pass	
			75	0	23.16	-1.60	21.56	<=33.01	Pass
		2682.5	1	0	24.15	-1.60	22.55	<=33.01	Pass
				38	24.17	-1.60	22.57	<=33.01	Pass
				74	24.03	-1.60	22.43	<=33.01	Pass
	0			23.09	-1.60	21.49	<=33.01	Pass	
	36		18	22.84	-1.60	21.24	<=33.01	Pass	
			39	22.86	-1.60	21.26	<=33.01	Pass	
			75	0	23.05	-1.60	21.45	<=33.01	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	26.13	-1.60	24.53	<=33.01	Pass
			50	26.15	-1.60	24.55	<=33.01	Pass
			99	26.07	-1.60	24.47	<=33.01	Pass
		50	0	25.19	-1.60	23.59	<=33.01	Pass
			25	25.19	-1.60	23.59	<=33.01	Pass
			50	24.98	-1.60	23.38	<=33.01	Pass

		100	0	25.16	-1.60	23.56	<=33.01	Pass
	2593	1	0	26.16	-1.60	24.56	<=33.01	Pass
			50	25.85	-1.60	24.25	<=33.01	Pass
			99	26.13	-1.60	24.53	<=33.01	Pass
			0	25.15	-1.60	23.55	<=33.01	Pass
		25	25.20	-1.60	23.60	<=33.01	Pass	
		50	24.85	-1.60	23.25	<=33.01	Pass	
	100	0	24.84	-1.60	23.24	<=33.01	Pass	
	2680	1	0	25.82	-1.60	24.22	<=33.01	Pass
			50	25.84	-1.60	24.24	<=33.01	Pass
			99	25.96	-1.60	24.36	<=33.01	Pass
			0	25.08	-1.60	23.48	<=33.01	Pass
		25	24.84	-1.60	23.24	<=33.01	Pass	
		50	25.06	-1.60	23.46	<=33.01	Pass	
100	0	24.84	-1.60	23.24	<=33.01	Pass		
16QAM	2506	1	0	25.04	-1.60	23.44	<=33.01	Pass
			50	25.13	-1.60	23.53	<=33.01	Pass
			99	25.27	-1.60	23.67	<=33.01	Pass
		50	0	24.20	-1.60	22.60	<=33.01	Pass
			25	24.21	-1.60	22.61	<=33.01	Pass
			50	24.03	-1.60	22.43	<=33.01	Pass
	100	0	23.99	-1.60	22.39	<=33.01	Pass	
	2593	1	0	25.12	-1.60	23.52	<=33.01	Pass
			50	24.89	-1.60	23.29	<=33.01	Pass
			99	25.14	-1.60	23.54	<=33.01	Pass
		50	0	23.88	-1.60	22.28	<=33.01	Pass
			25	23.90	-1.60	22.30	<=33.01	Pass
			50	24.13	-1.60	22.53	<=33.01	Pass
	100	0	23.87	-1.60	22.27	<=33.01	Pass	
	2680	1	0	25.22	-1.60	23.62	<=33.01	Pass
			50	25.39	-1.60	23.79	<=33.01	Pass
			99	25.09	-1.60	23.49	<=33.01	Pass
		50	0	24.08	-1.60	22.48	<=33.01	Pass
			25	24.07	-1.60	22.47	<=33.01	Pass
			50	24.04	-1.60	22.44	<=33.01	Pass
	100	0	23.85	-1.60	22.25	<=33.01	Pass	
64QAM	2506	1	0	24.09	-1.60	22.49	<=33.01	Pass
			50	24.12	-1.60	22.52	<=33.01	Pass
			99	24.07	-1.60	22.47	<=33.01	Pass
		50	0	23.24	-1.60	21.64	<=33.01	Pass
			25	23.24	-1.60	21.64	<=33.01	Pass
			50	23.27	-1.60	21.67	<=33.01	Pass
	100	0	23.22	-1.60	21.62	<=33.01	Pass	
	2593	1	0	23.93	-1.60	22.33	<=33.01	Pass
			50	24.05	-1.60	22.45	<=33.01	Pass
			99	24.02	-1.60	22.42	<=33.01	Pass
		50	0	23.21	-1.60	21.61	<=33.01	Pass
			25	22.95	-1.60	21.35	<=33.01	Pass
			50	22.90	-1.60	21.30	<=33.01	Pass
	100	0	23.19	-1.60	21.59	<=33.01	Pass	
	2680	1	0	24.37	-1.60	22.77	<=33.01	Pass
			50	24.02	-1.60	22.42	<=33.01	Pass
			99	23.94	-1.60	22.34	<=33.01	Pass
		50	0	22.96	-1.60	21.36	<=33.01	Pass
25			23.09	-1.60	21.49	<=33.01	Pass	
50			22.87	-1.60	21.27	<=33.01	Pass	
100	0	23.07	-1.60	21.47	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

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	-4.183	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.816	-0.0015	-2.5 to 2.5	Pass
					4.43	0.861	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.074	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.677	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.413	0.0009	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-7.211	-0.0028	-2.5 to 2.5	Pass
				40	3.85	2.724	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.048	0.0008	-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	4.519	/	Pass
	16QAM	2593	25	0	4.512	/	Pass
	64QAM	2593	25	0	4.506	/	Pass
10	QPSK	2593	50	0	8.994	/	Pass
	16QAM	2593	50	0	8.976	/	Pass
	64QAM	2593	50	0	8.981	/	Pass
15	QPSK	2593	75	0	13.512	/	Pass
	16QAM	2593	75	0	13.530	/	Pass
	64QAM	2593	75	0	13.488	/	Pass
20	QPSK	2593	100	0	18.028	/	Pass
	16QAM	2593	100	0	18.032	/	Pass
	64QAM	2593	100	0	18.027	/	Pass

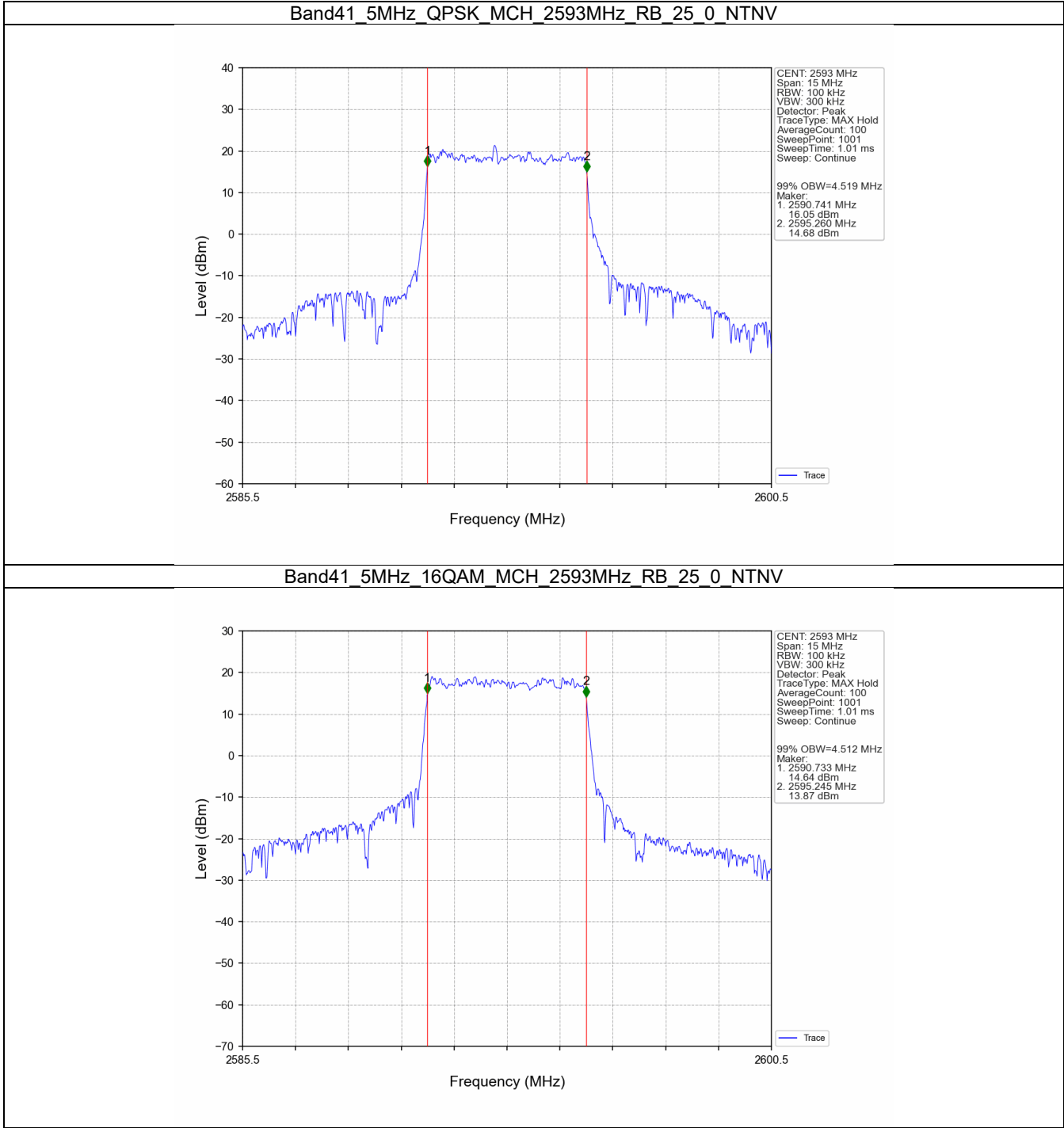
3.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.142	/	Pass
	16QAM	2593	25	0	4.995	/	Pass

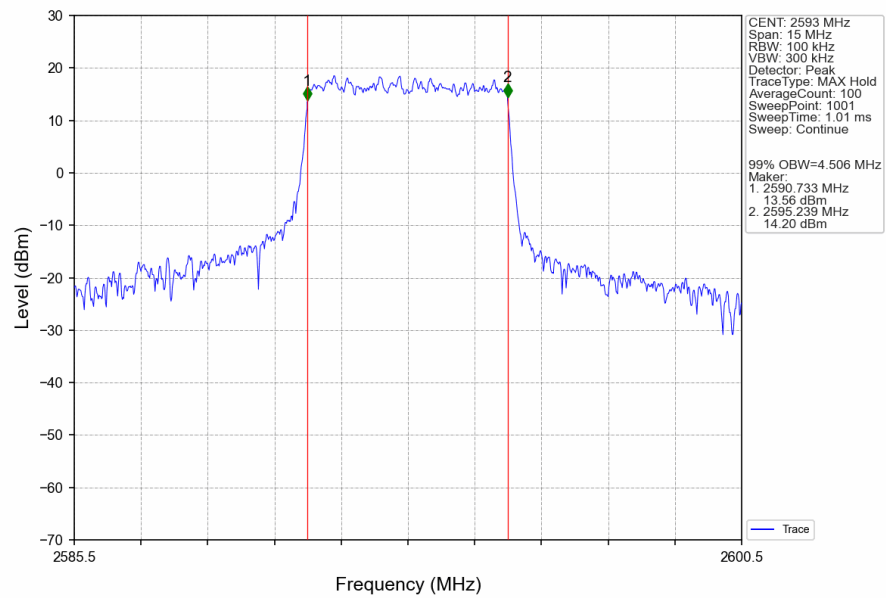
	64QAM	2593	25	0	5.045	/	Pass
10	QPSK	2593	50	0	9.958	/	Pass
	16QAM	2593	50	0	9.741	/	Pass
	64QAM	2593	50	0	9.736	/	Pass
	64QAM	2593	50	0	9.736	/	Pass
15	QPSK	2593	75	0	14.814	/	Pass
	16QAM	2593	75	0	15.403	/	Pass
	64QAM	2593	75	0	14.642	/	Pass
	64QAM	2593	75	0	14.642	/	Pass
20	QPSK	2593	100	0	19.366	/	Pass
	16QAM	2593	100	0	19.435	/	Pass
	64QAM	2593	100	0	20.976	/	Pass
	64QAM	2593	100	0	20.976	/	Pass

3.2 Test Graph

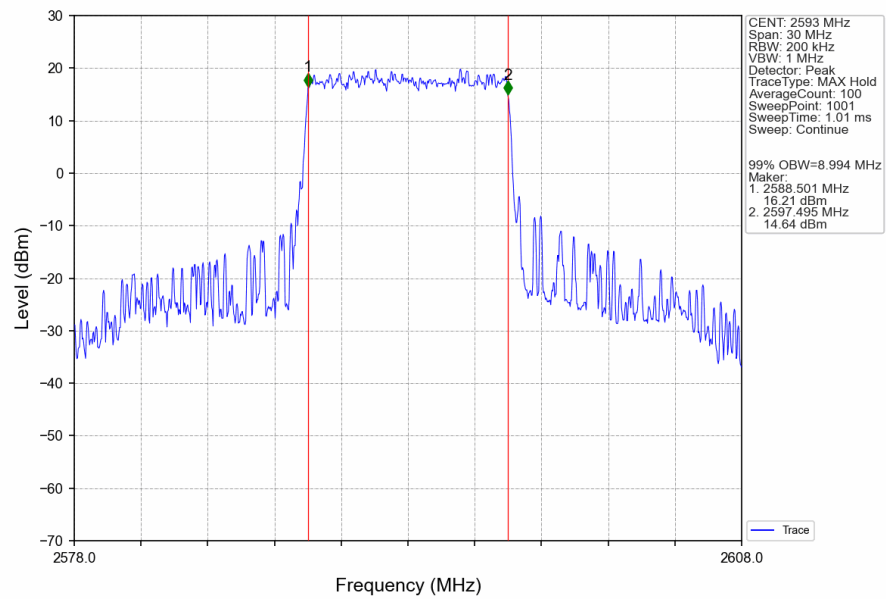
3.2.1 Band41_OBW



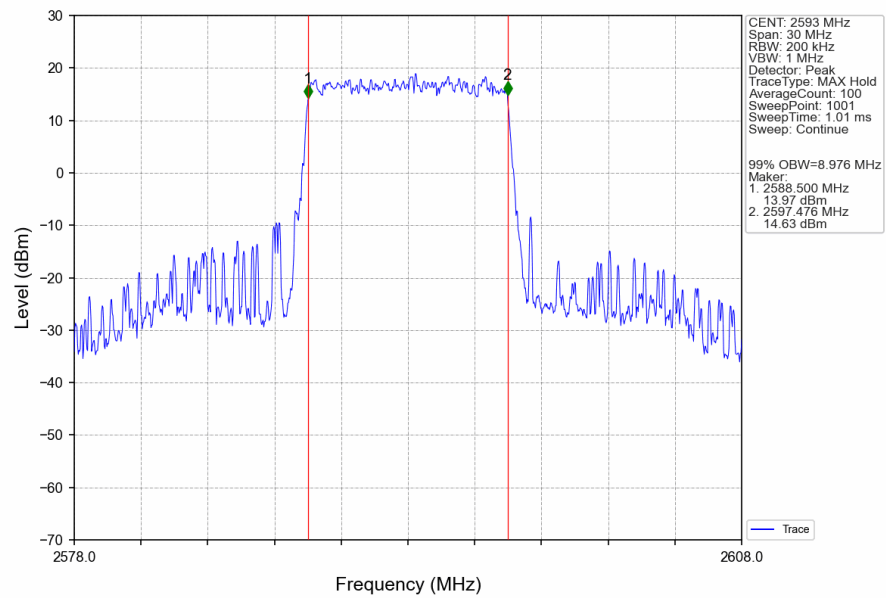
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



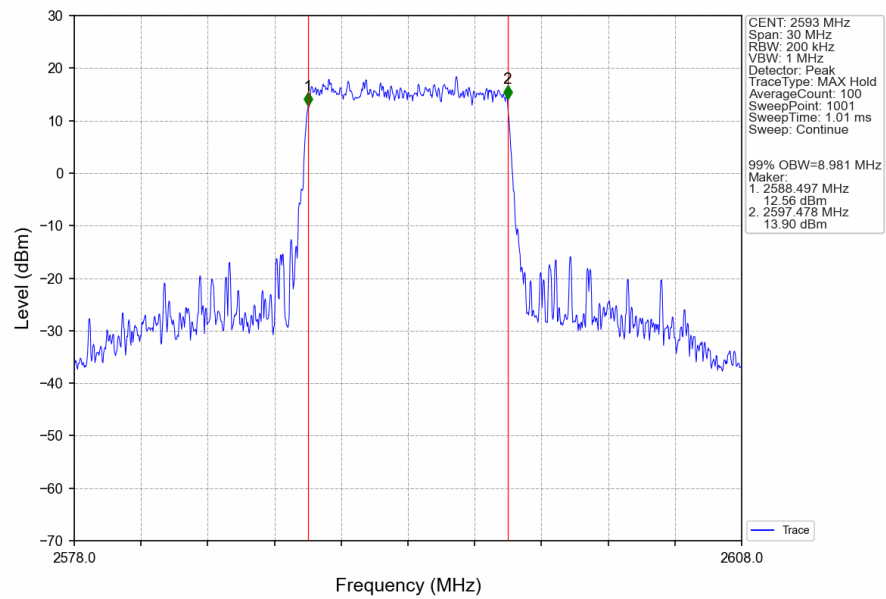
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



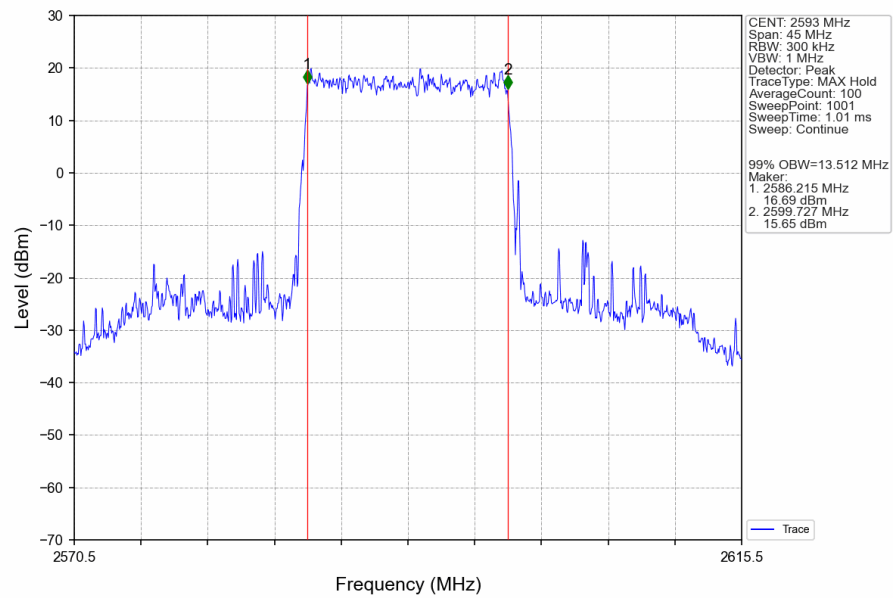
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



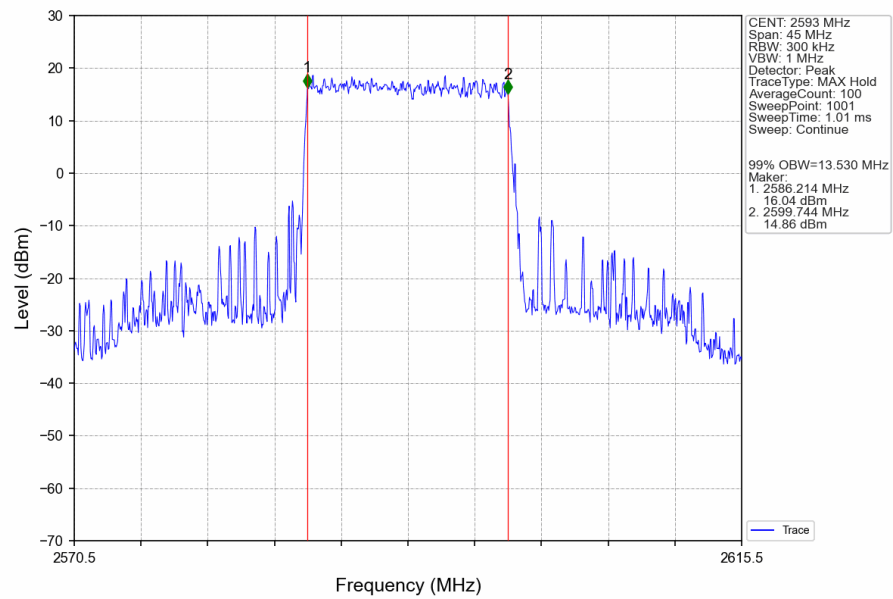
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



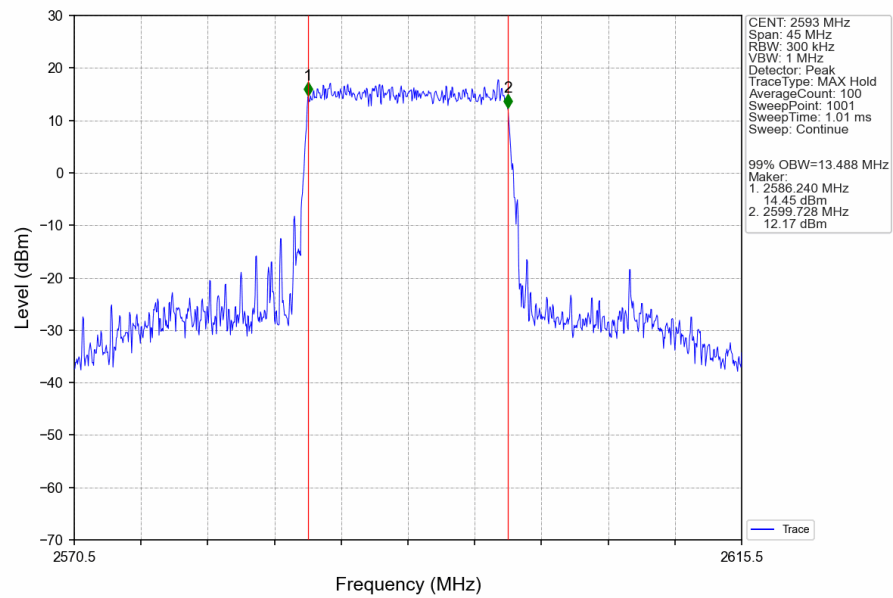
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



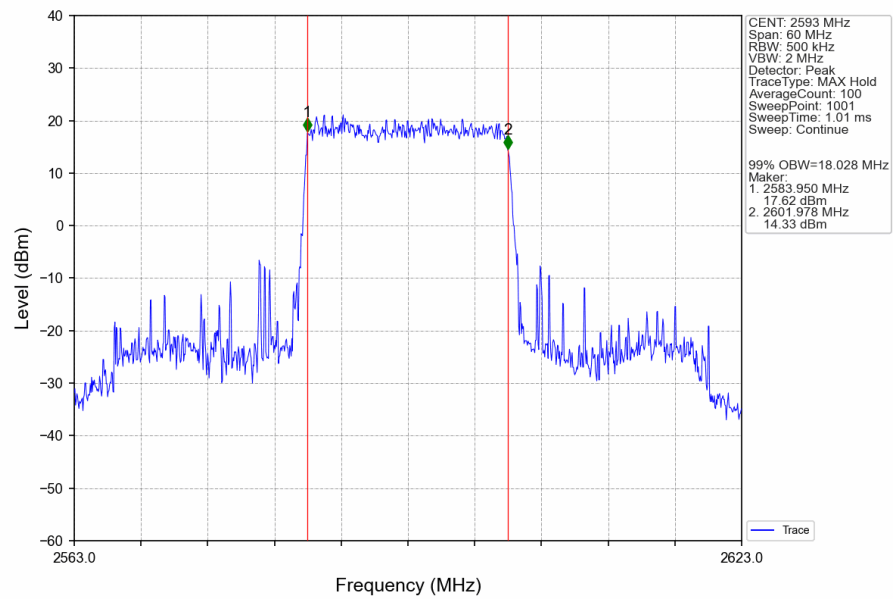
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



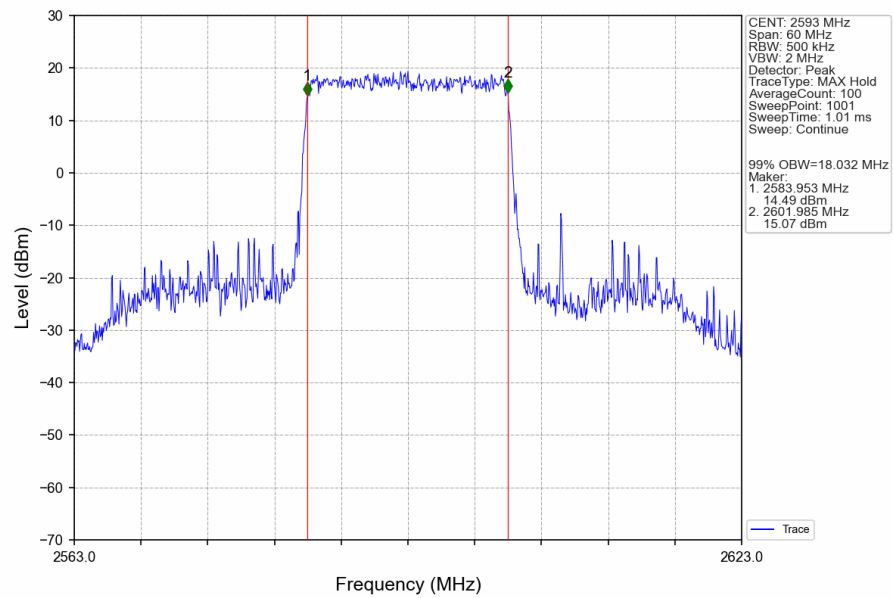
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



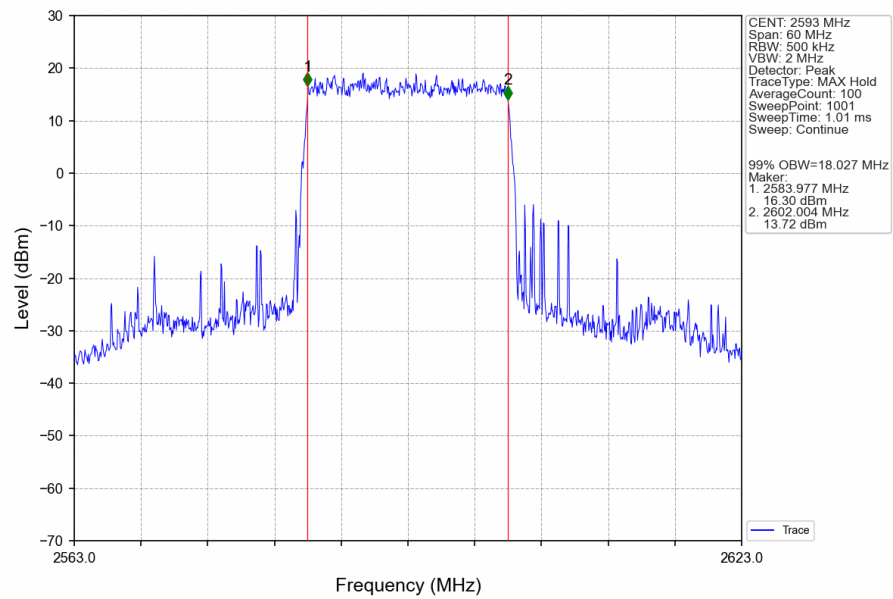
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



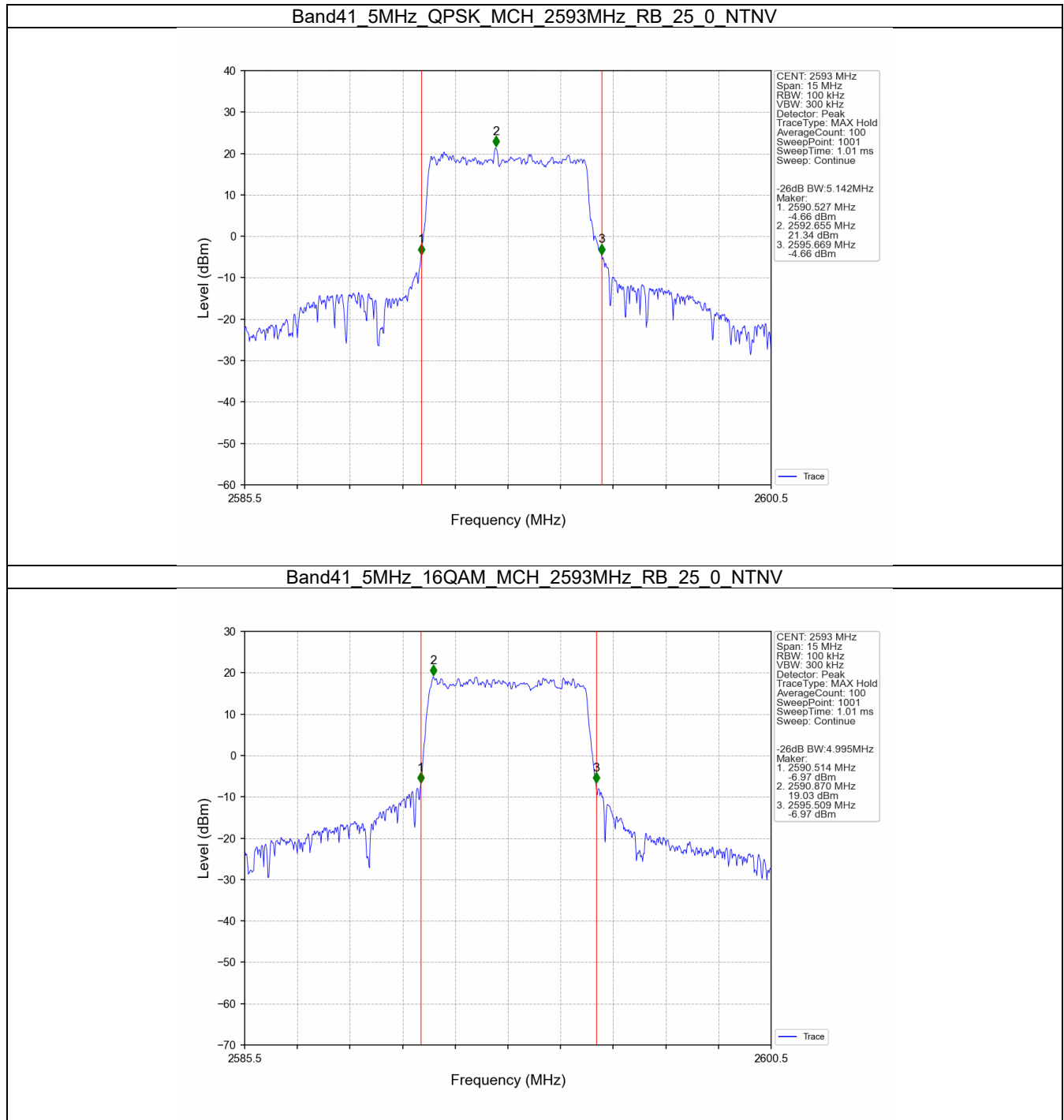
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



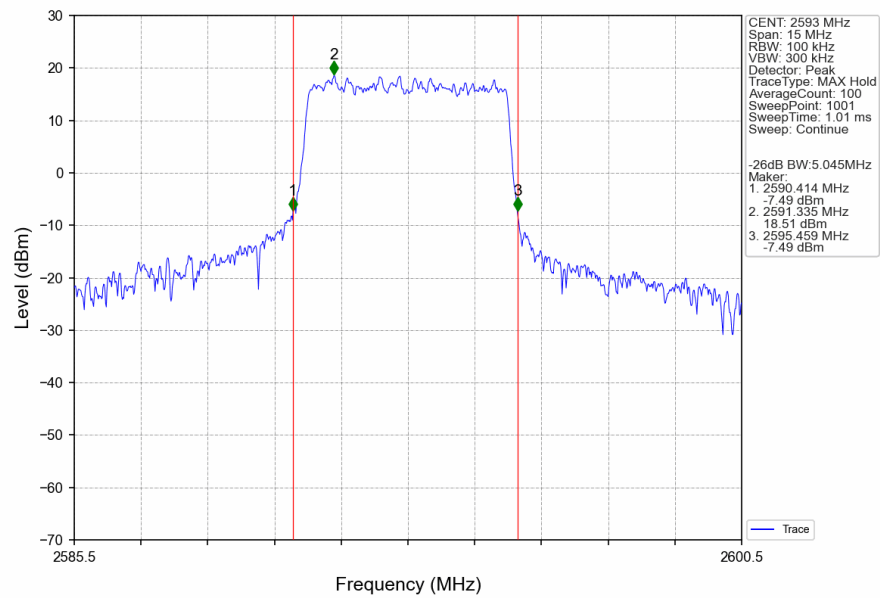
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



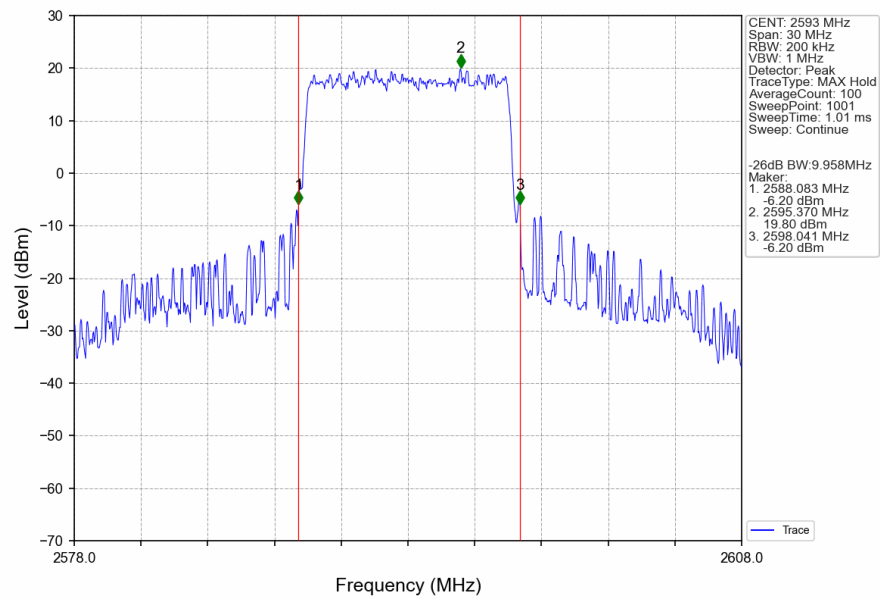
3.2.2 Band41_XDB



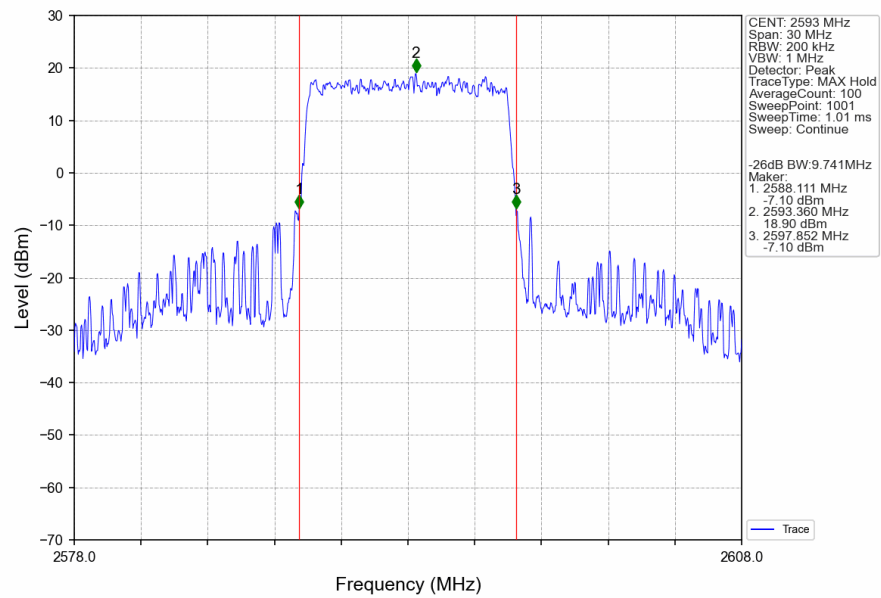
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



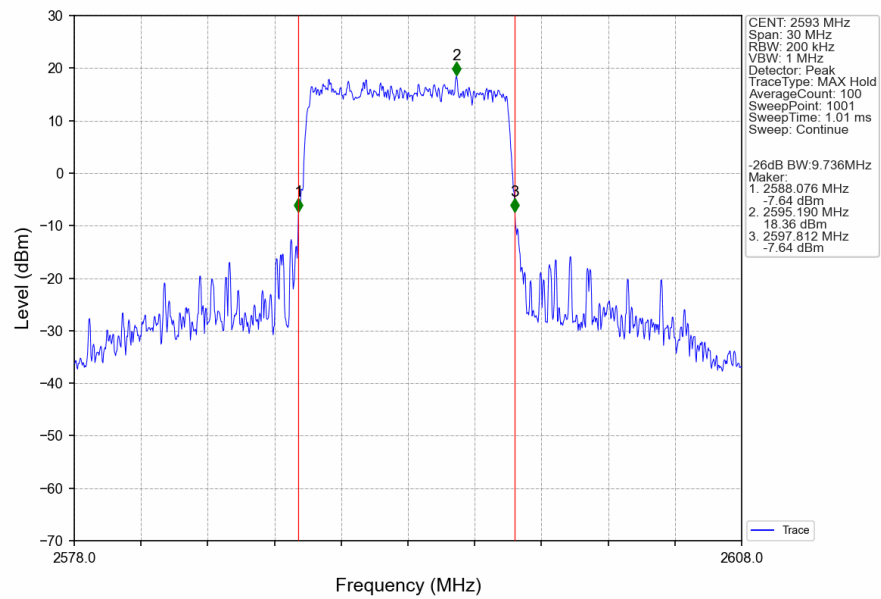
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



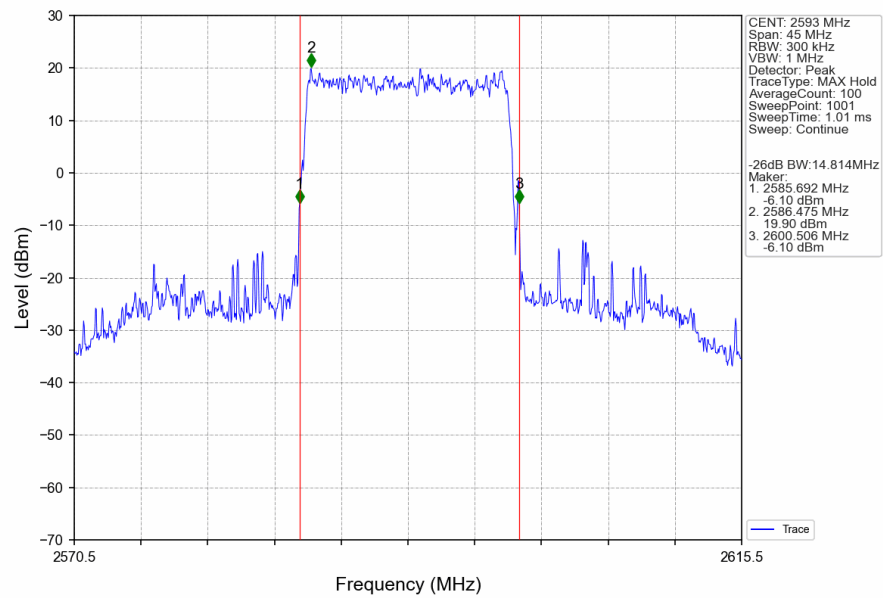
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



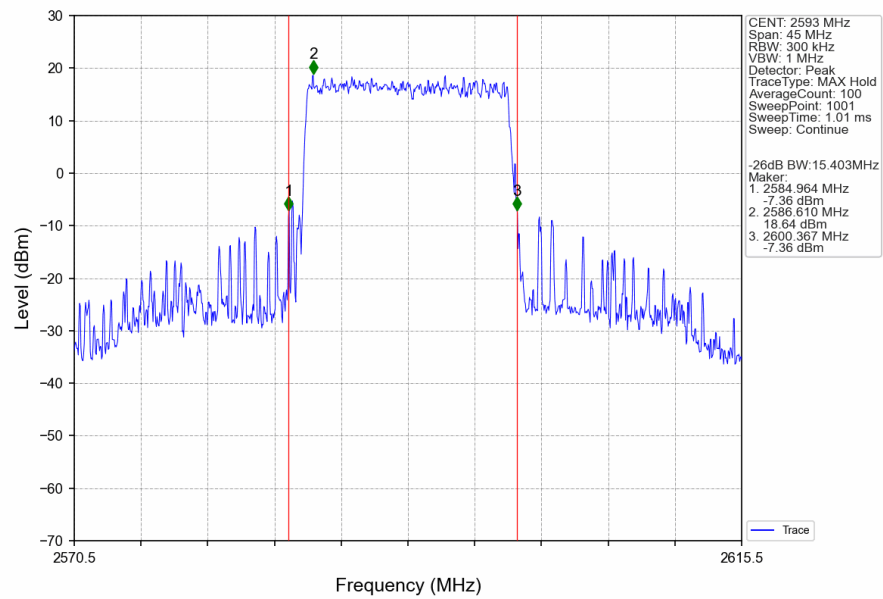
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



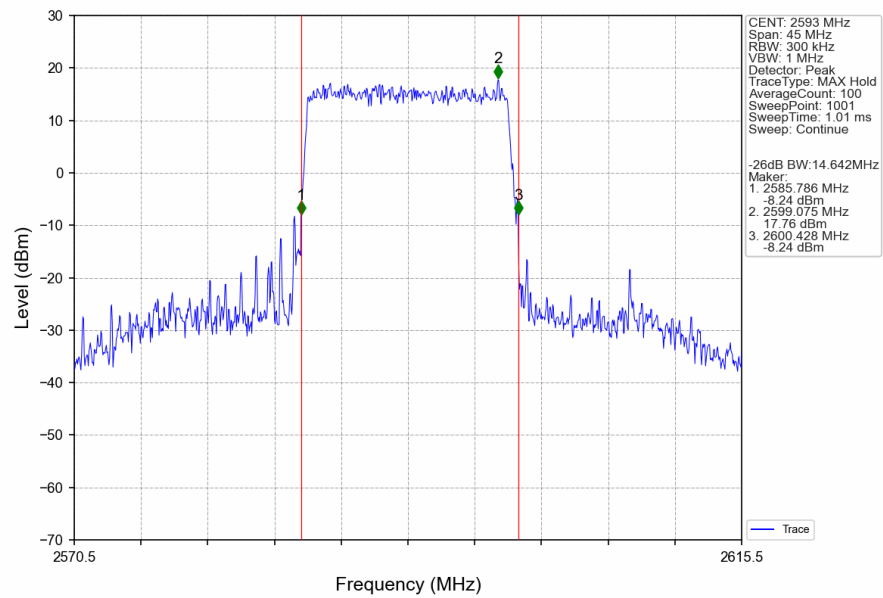
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



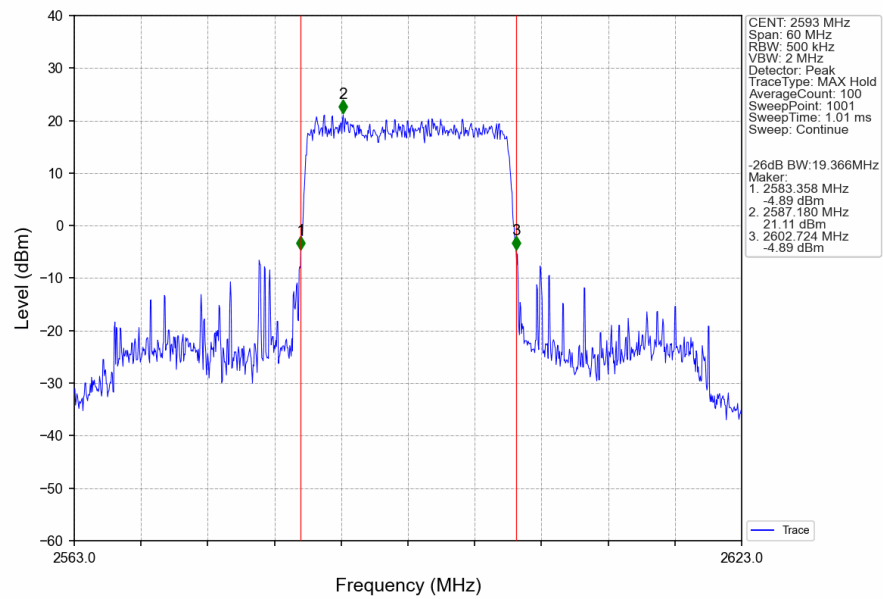
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



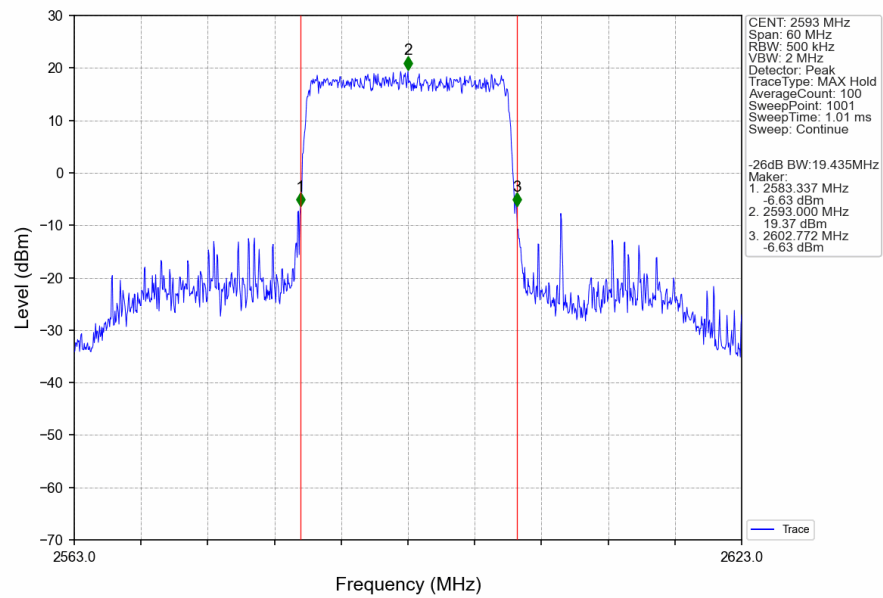
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



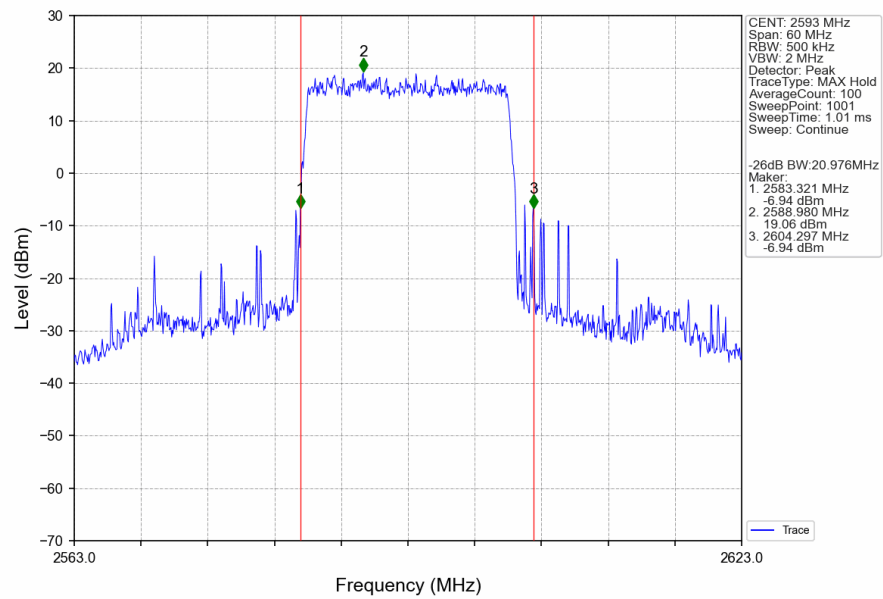
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

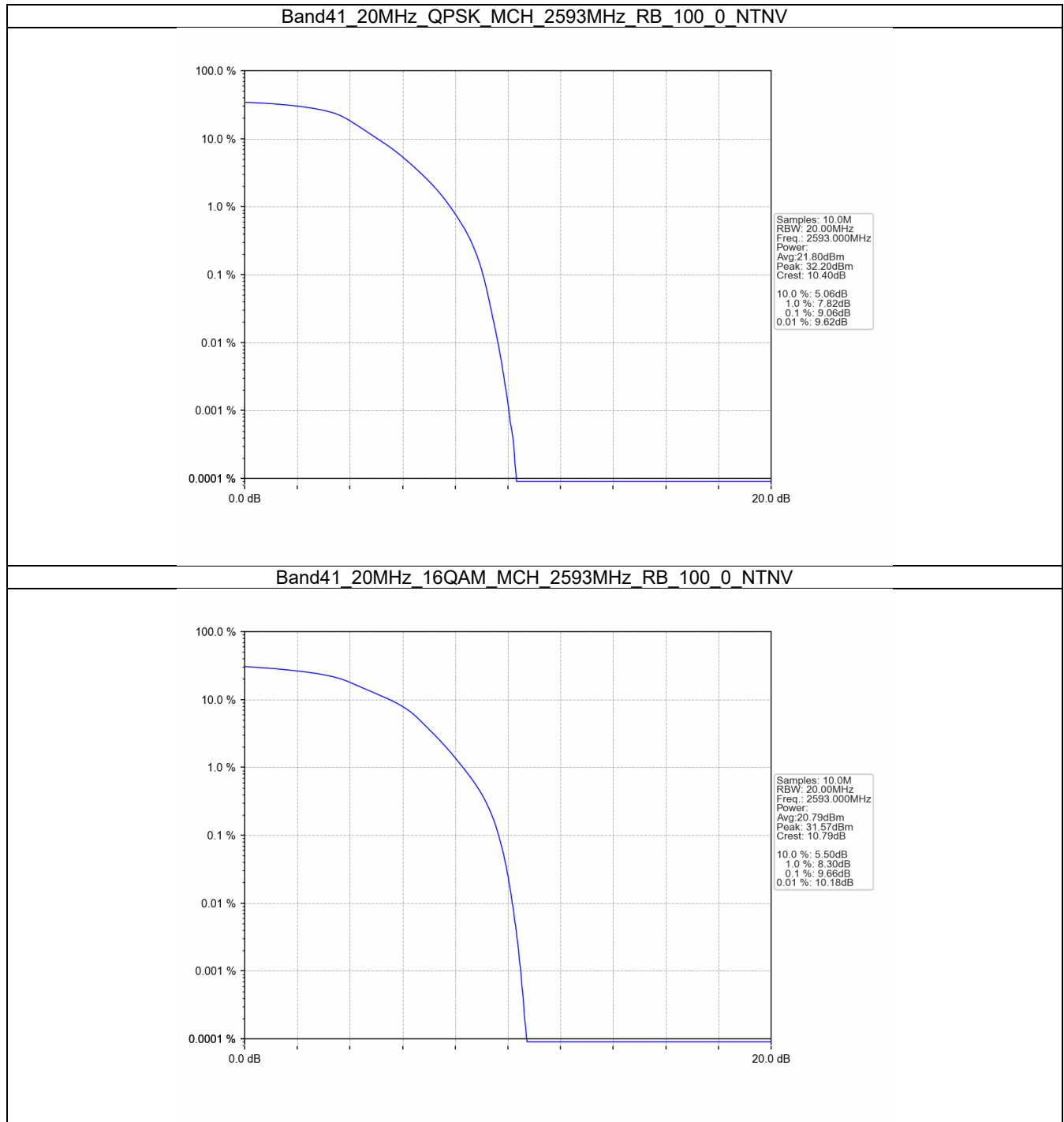
4.1 Test Result

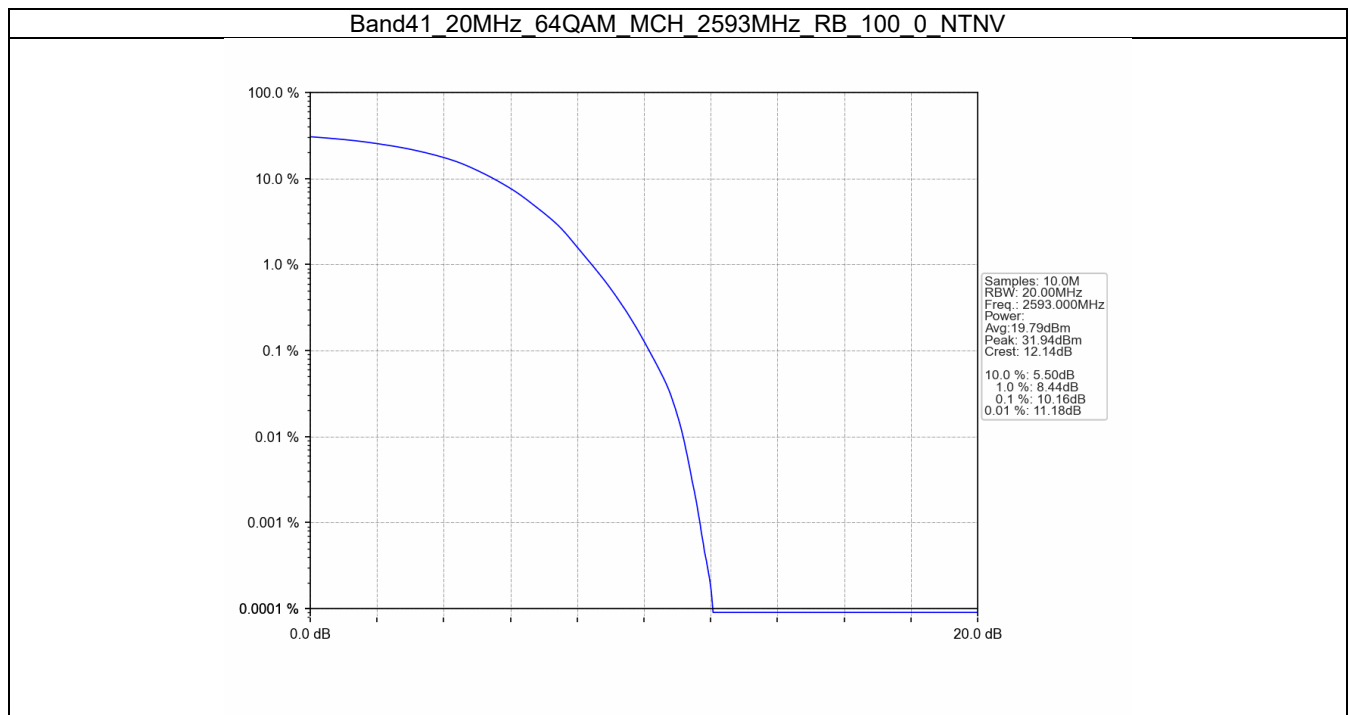
4.1.1 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	9.06	<=13	Pass
16QAM	2593	100	0	9.66	<=13	Pass
64QAM	2593	100	0	10.16	<=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 / 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

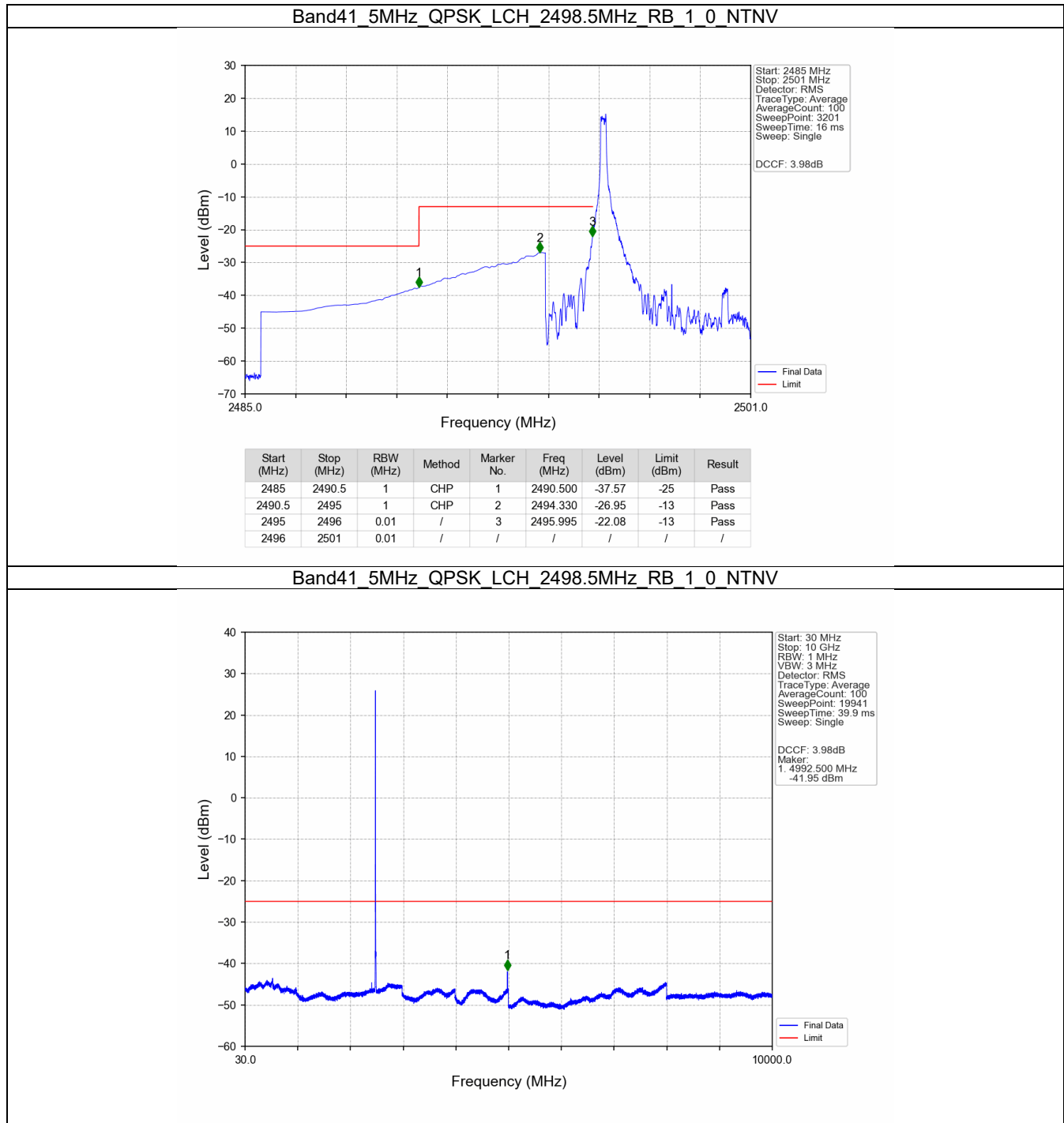
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

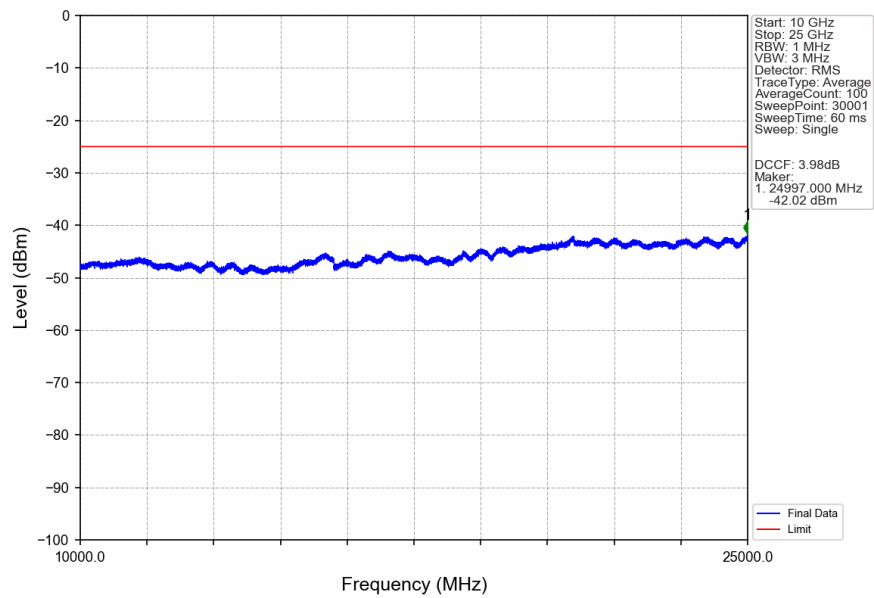
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

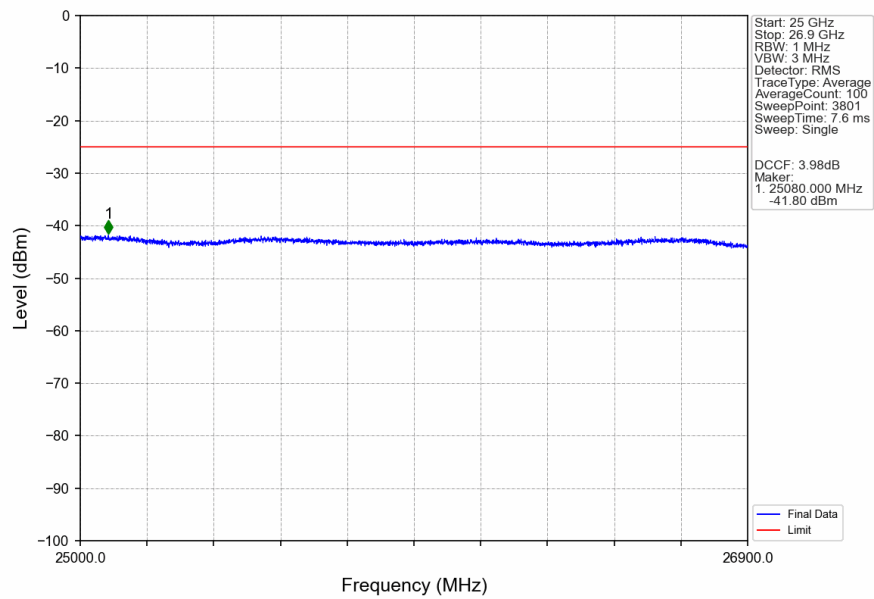
5.2.1 B41_5MHz



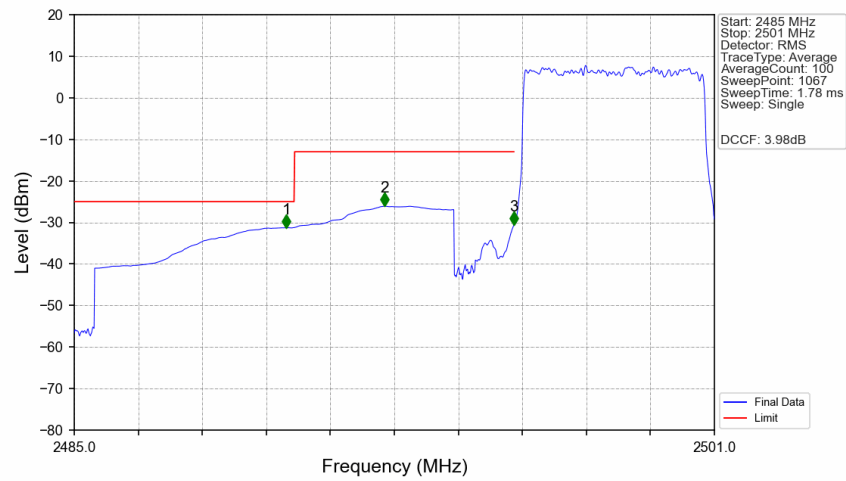
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

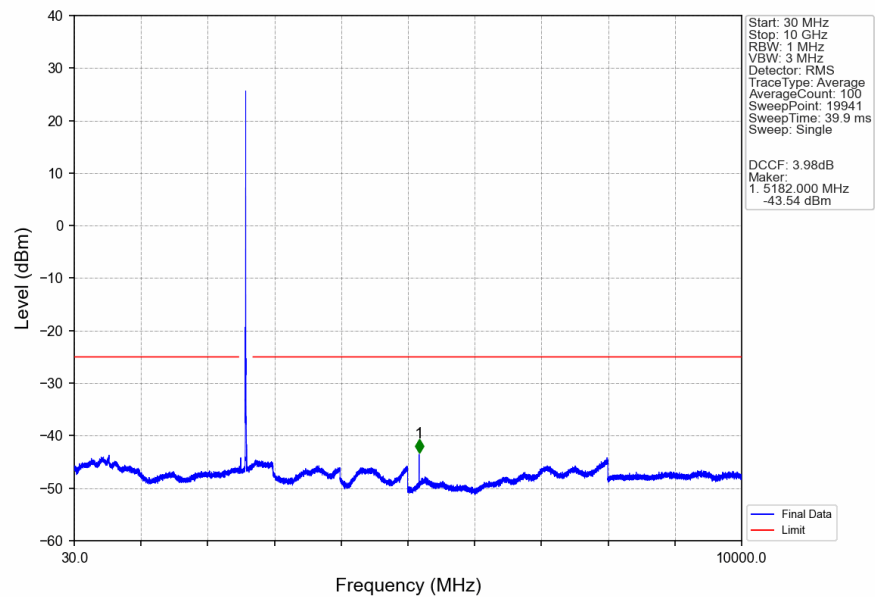


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

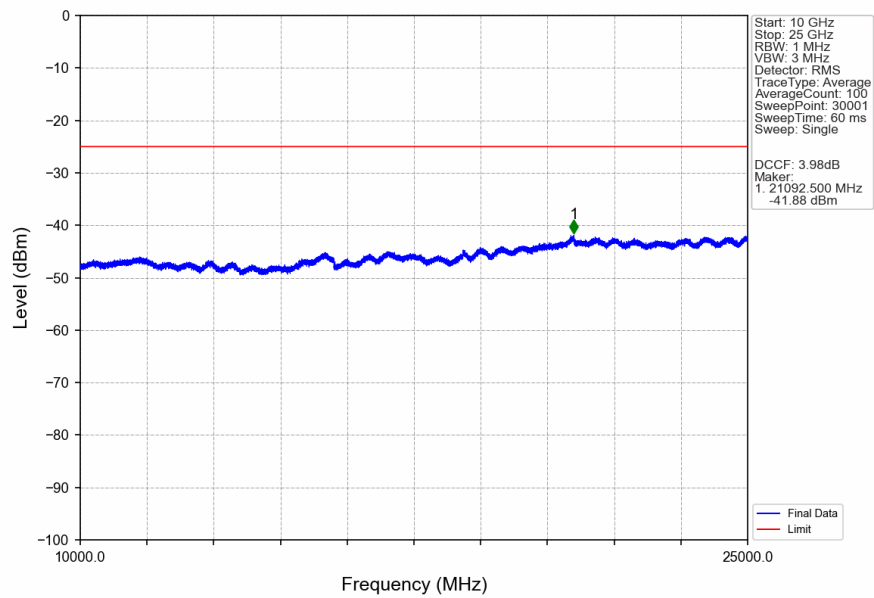


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.298	-31.26	-25	Pass
2490.5	2495	1	CHP	2	2492.760	-26.10	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-30.64	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

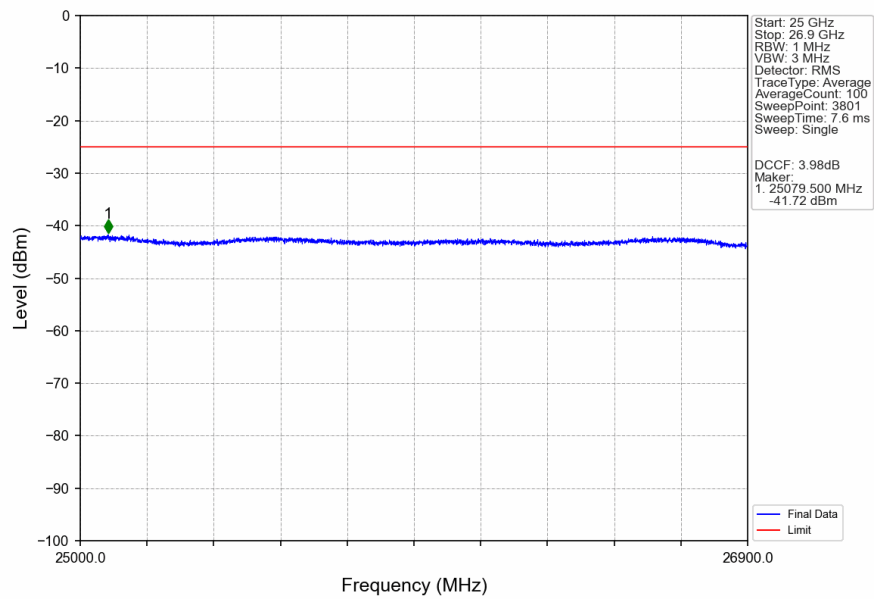
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



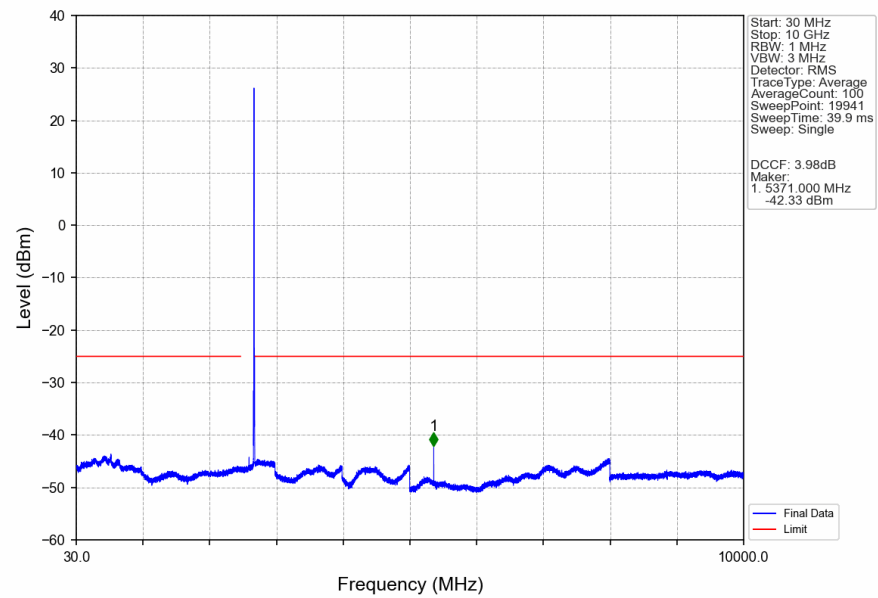
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



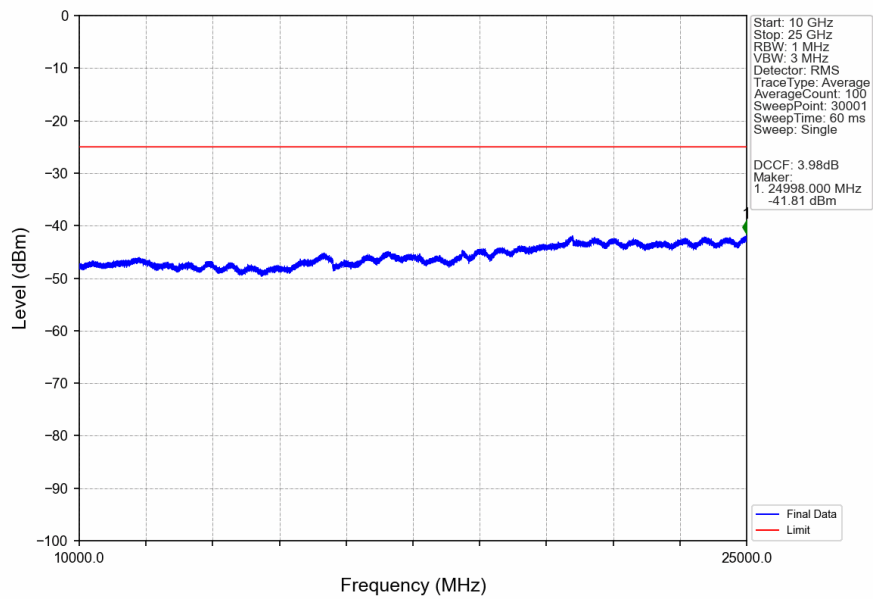
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



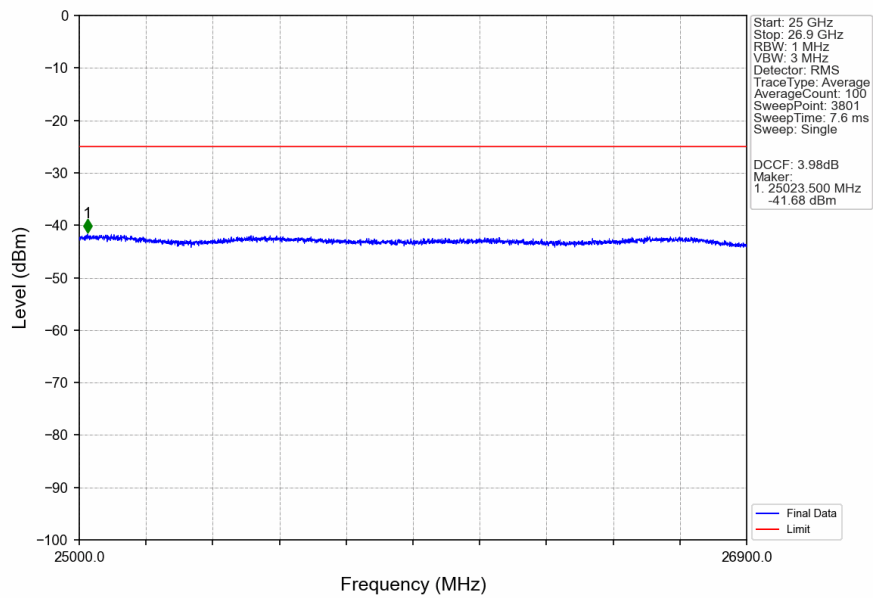
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



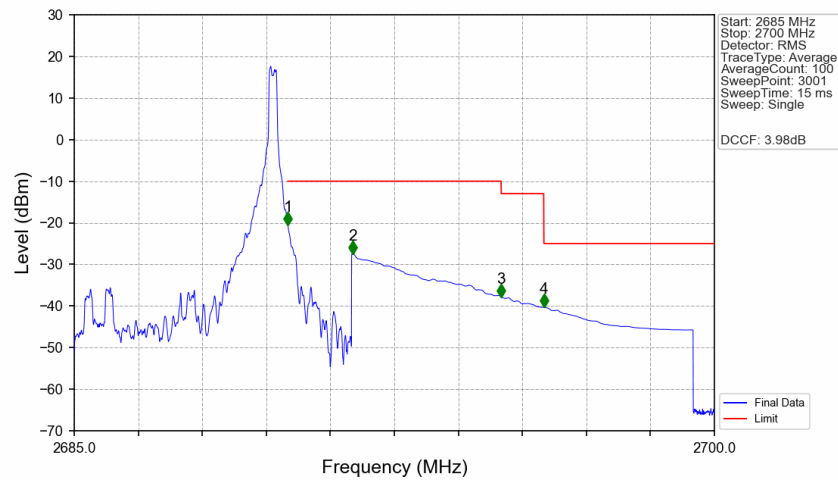
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



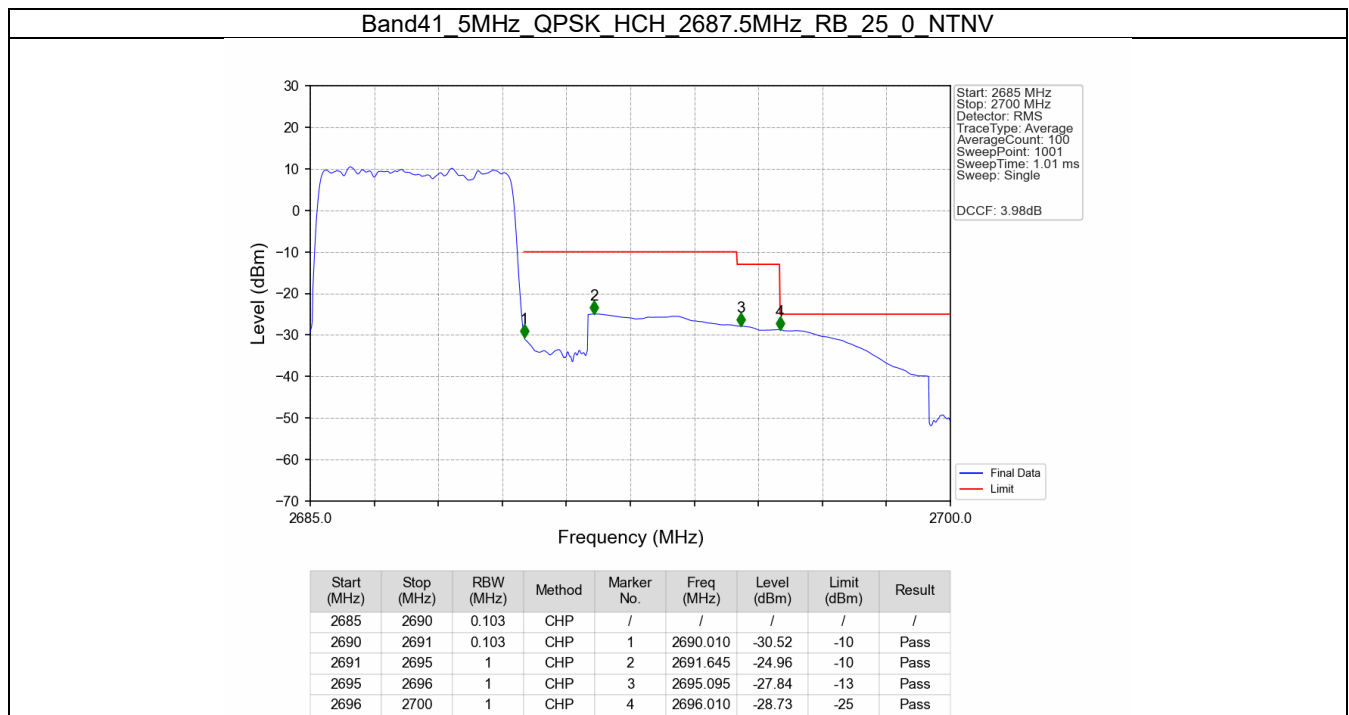
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV

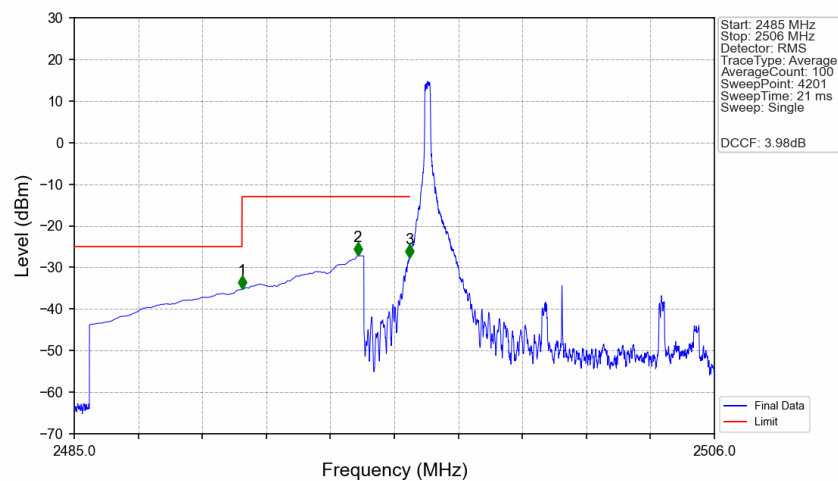


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-20.62	-10	Pass
2691	2695	1	CHP	2	2691.530	-27.53	-10	Pass
2695	2696	1	CHP	3	2695.005	-37.87	-13	Pass
2696	2700	1	CHP	4	2696.005	-40.31	-25	Pass



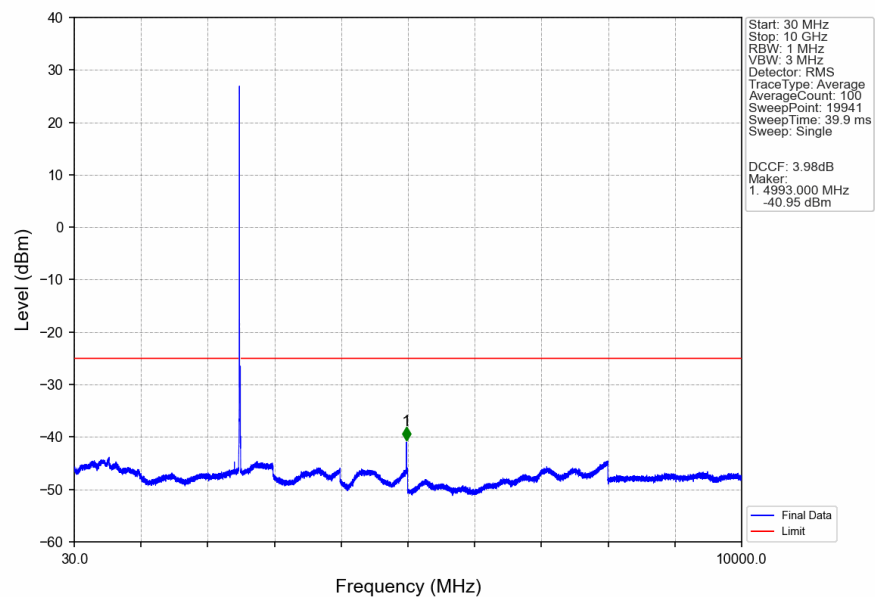
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

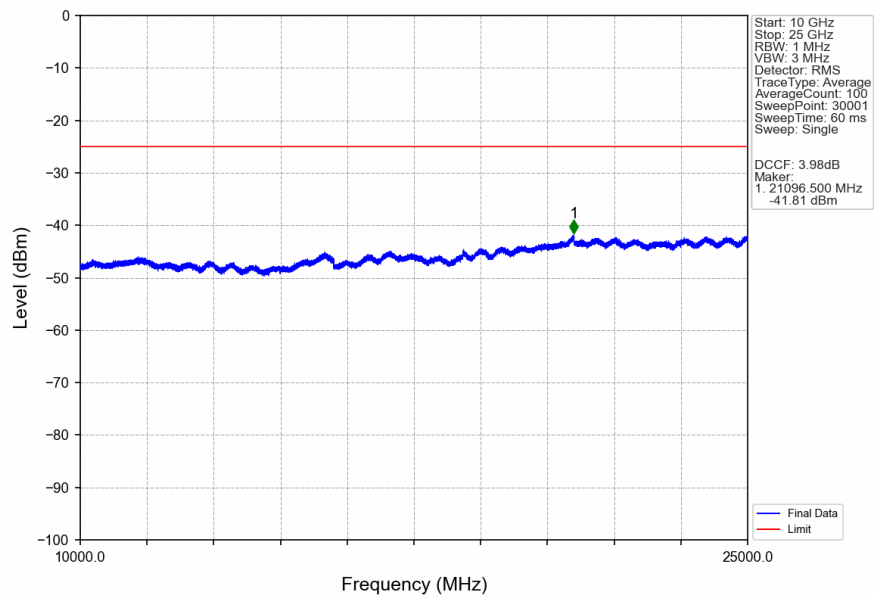


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-35.22	-25	Pass
2490.5	2495	1	CHP	2	2494.300	-27.21	-13	Pass
2495	2496	0.01	/	3	2495.995	-27.63	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

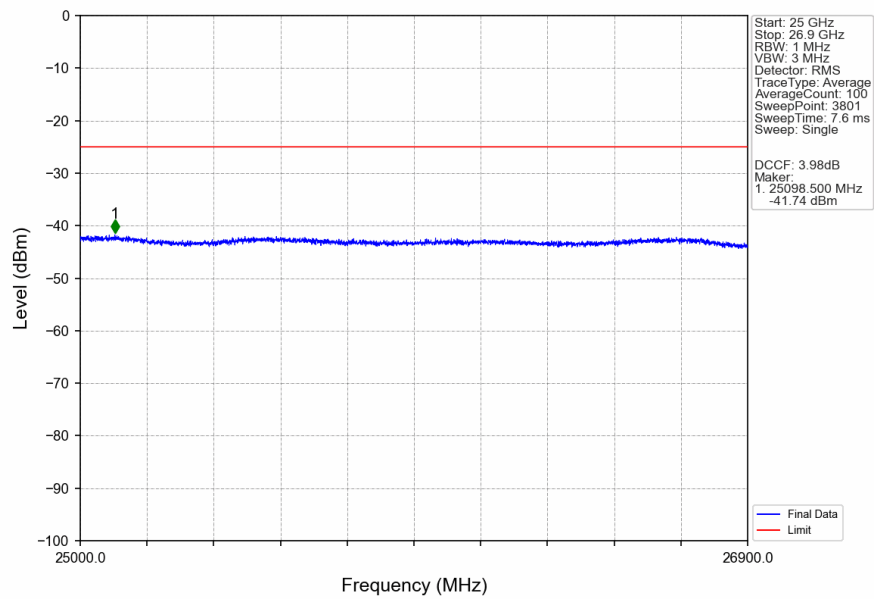
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



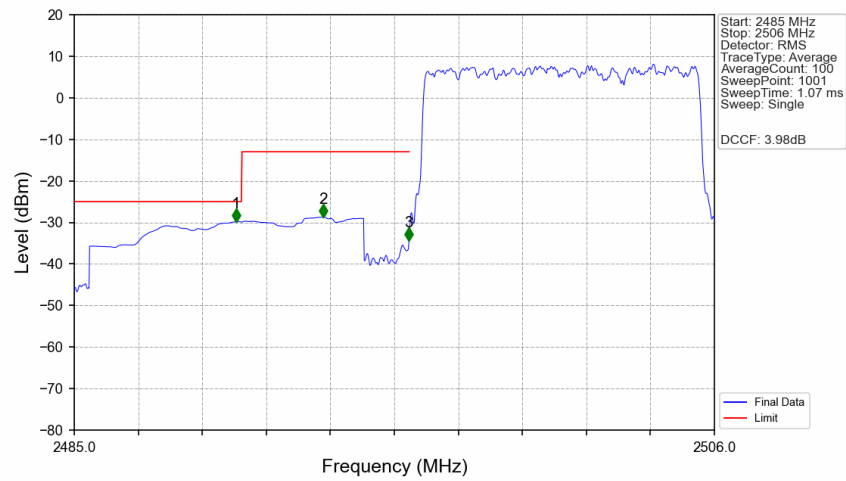
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

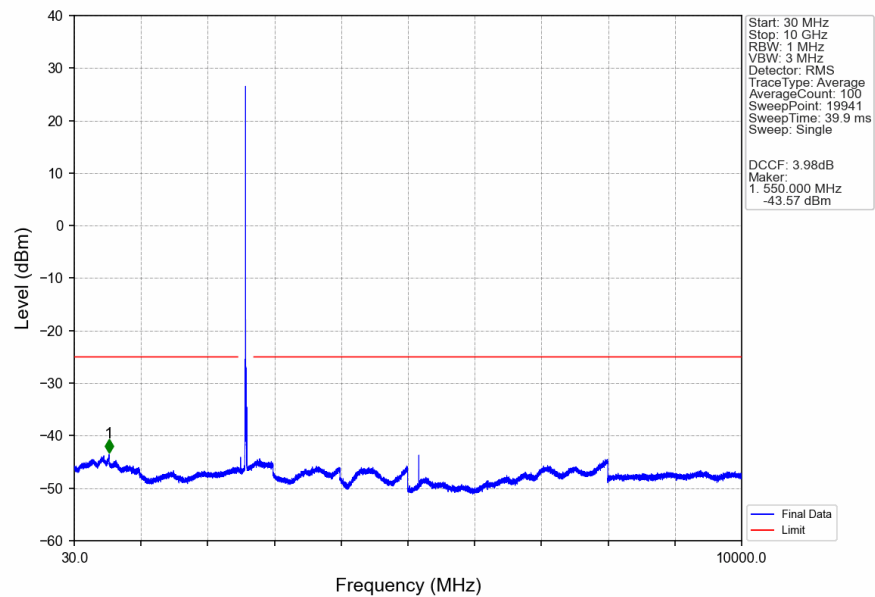


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

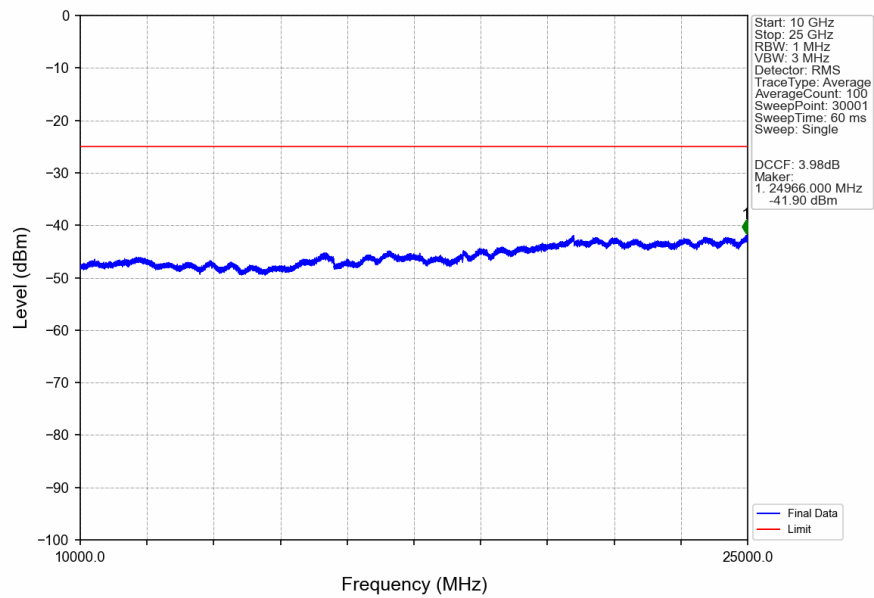


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.313	-29.82	-25	Pass
2490.5	2495	1	CHP	2	2493.169	-28.70	-13	Pass
2495	2496	0.1	/	3	2495.983	-34.37	-13	Pass
2496	2506	0.1	/	/	/	/	/	/

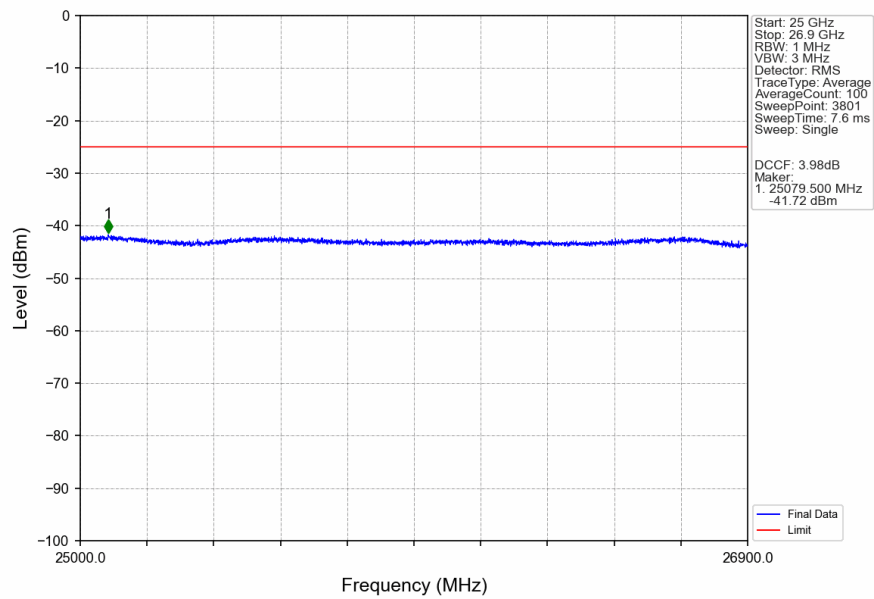
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



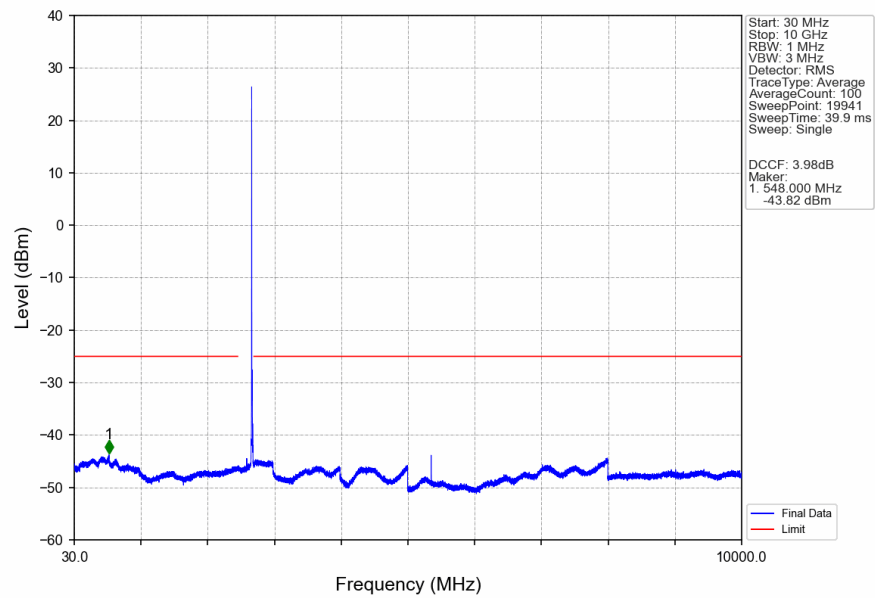
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



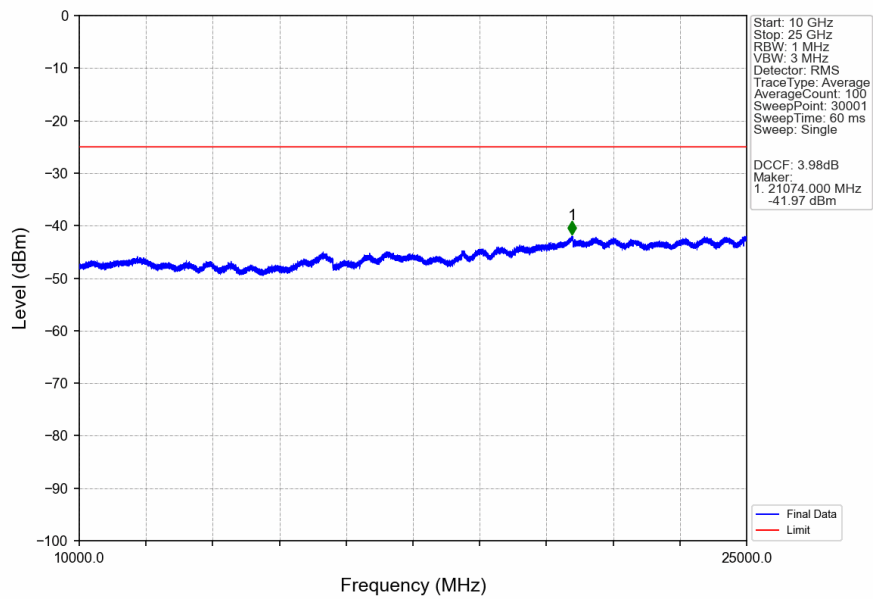
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



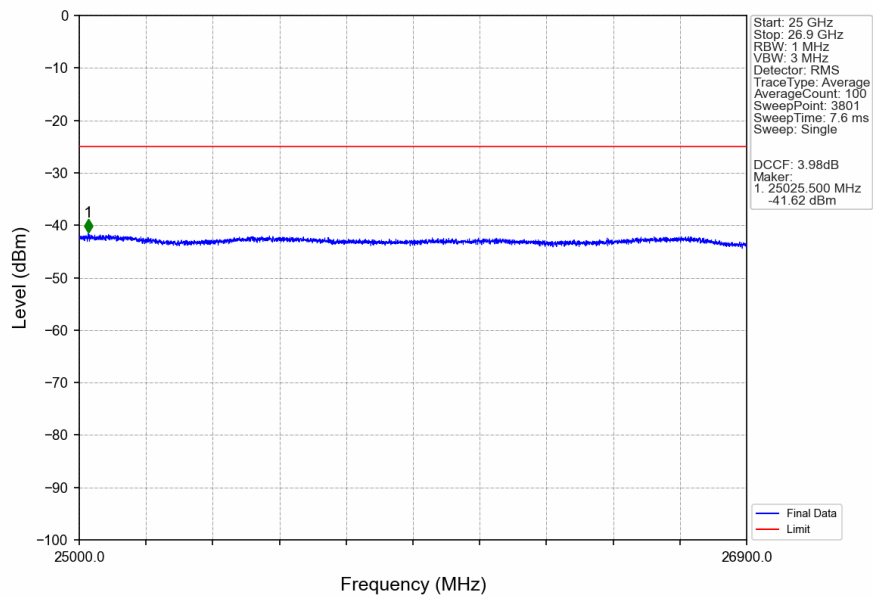
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



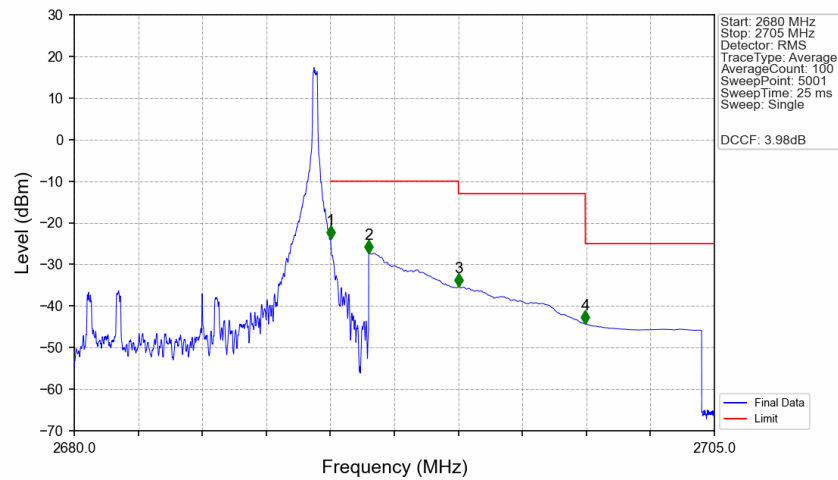
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

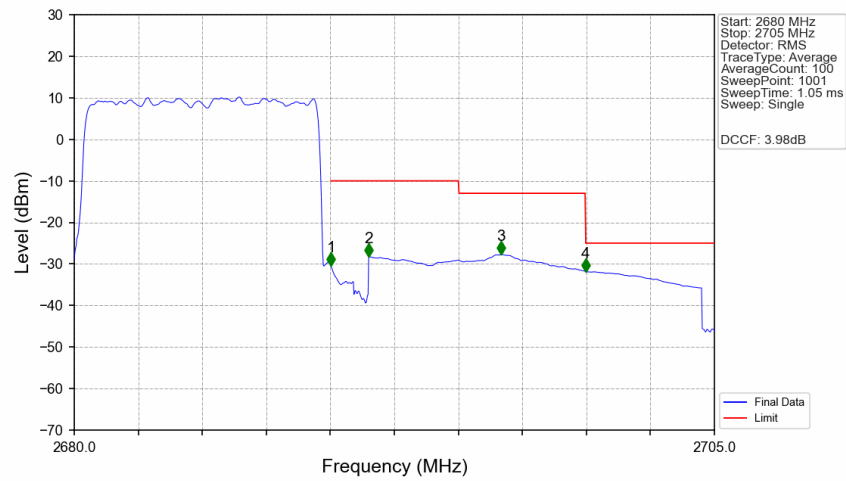


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



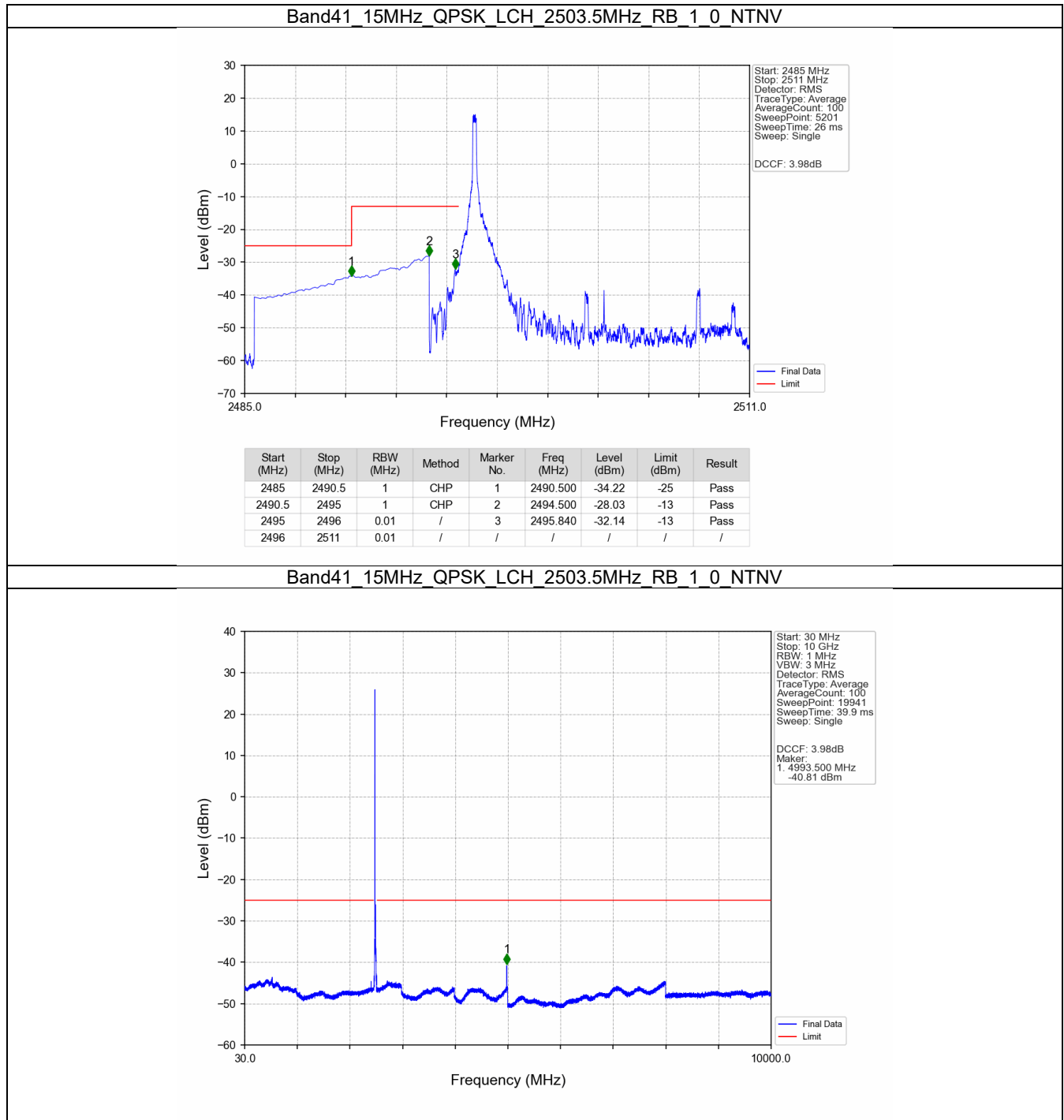
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-23.90	-10	Pass
2691	2695	1	CHP	2	2691.500	-27.24	-10	Pass
2695	2699.958	1	CHP	3	2695.020	-35.33	-13	Pass
2699.958	2705	1	CHP	4	2699.960	-44.31	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

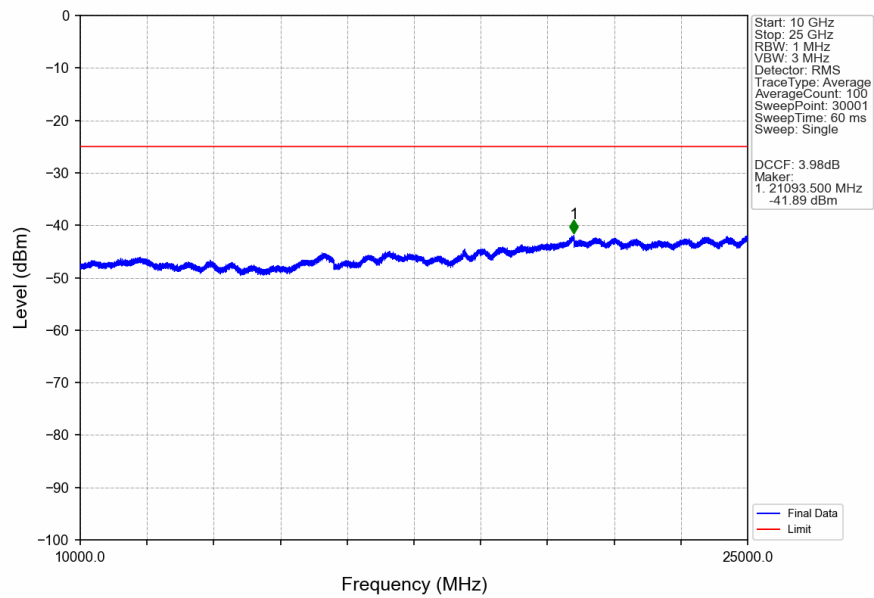


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.199	CHP	/	/	/	/	/
2690	2691	0.199	CHP	1	2690.025	-30.41	-10	Pass
2691	2695	1	CHP	2	2691.500	-28.22	-10	Pass
2695	2699.958	1	CHP	3	2696.675	-27.77	-13	Pass
2699.958	2705	1	CHP	4	2699.975	-31.79	-25	Pass

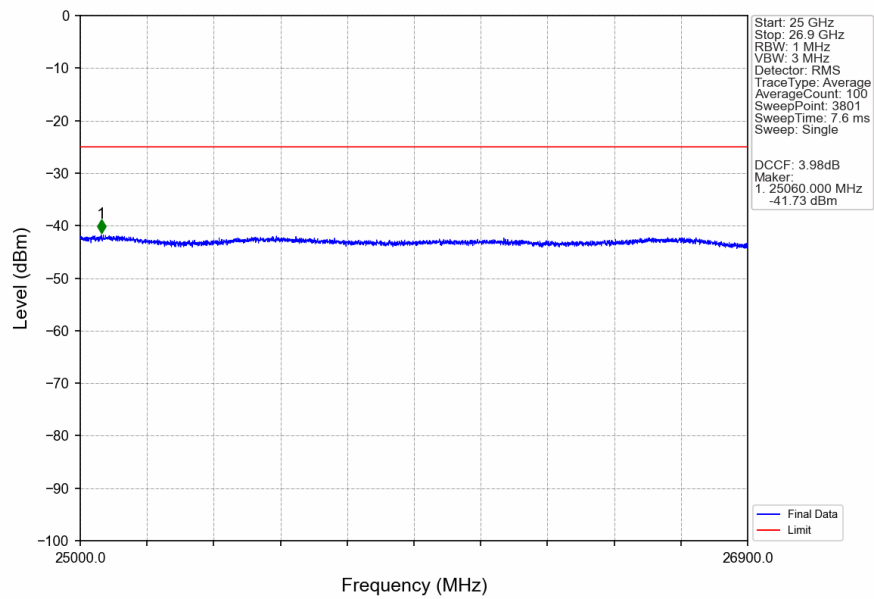
5.2.3 B41_15MHz



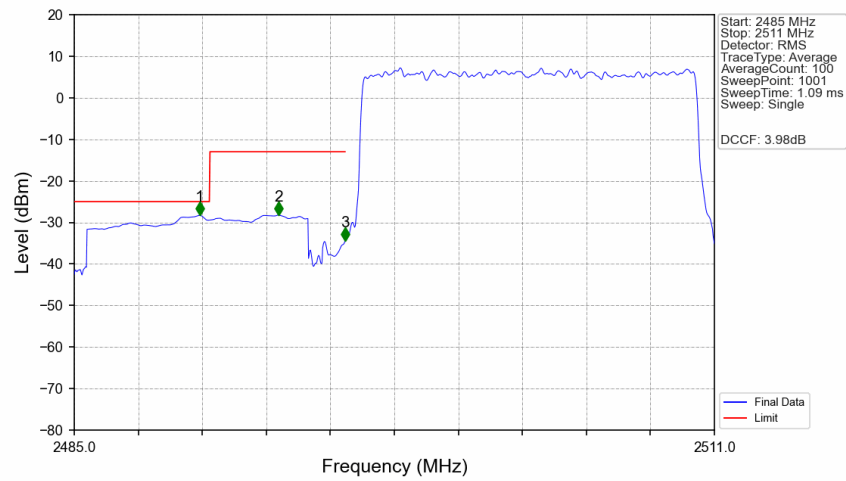
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

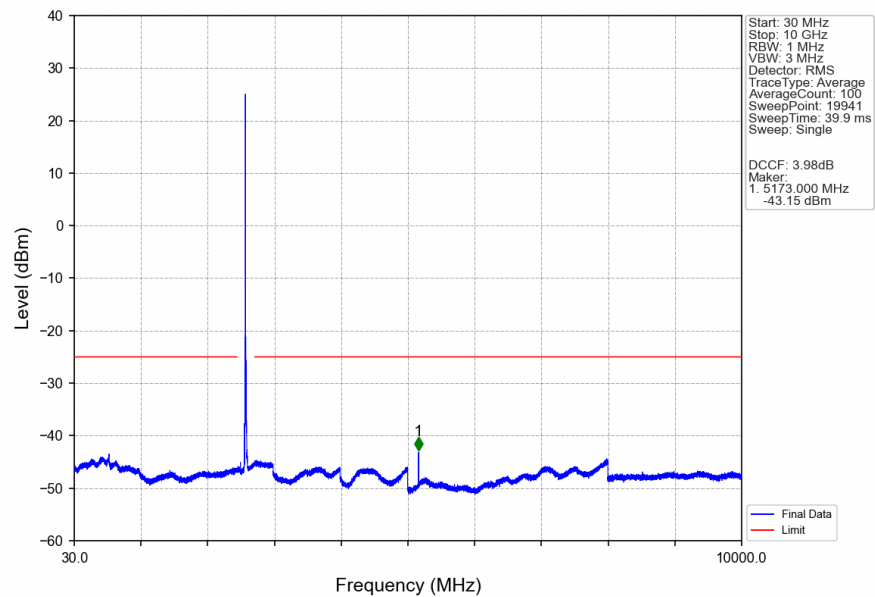


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

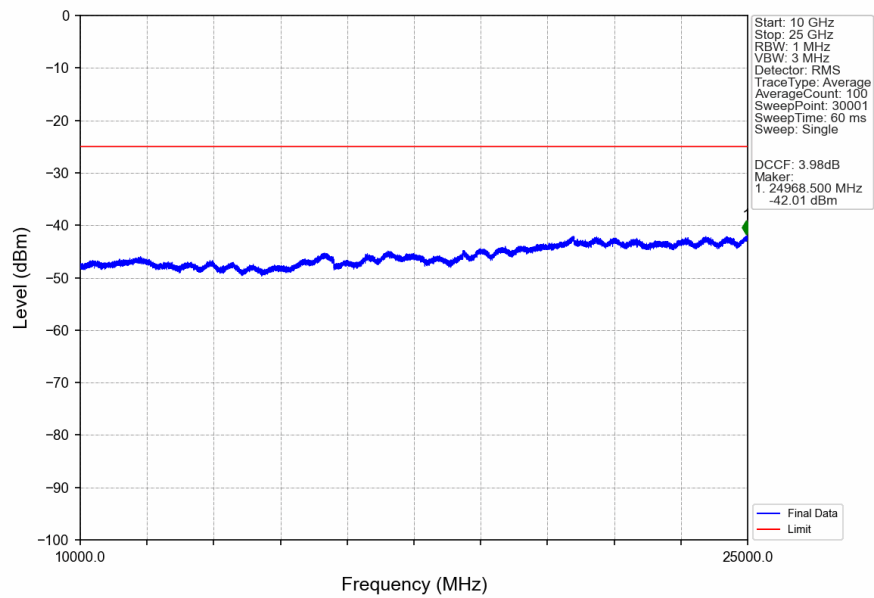


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.096	-28.30	-25	Pass
2490.5	2495	1	CHP	2	2493.294	-28.23	-13	Pass
2495	2496	0.148	CHP	3	2495.998	-34.39	-13	Pass
2496	2511	0.148	CHP	/	/	/	/	/

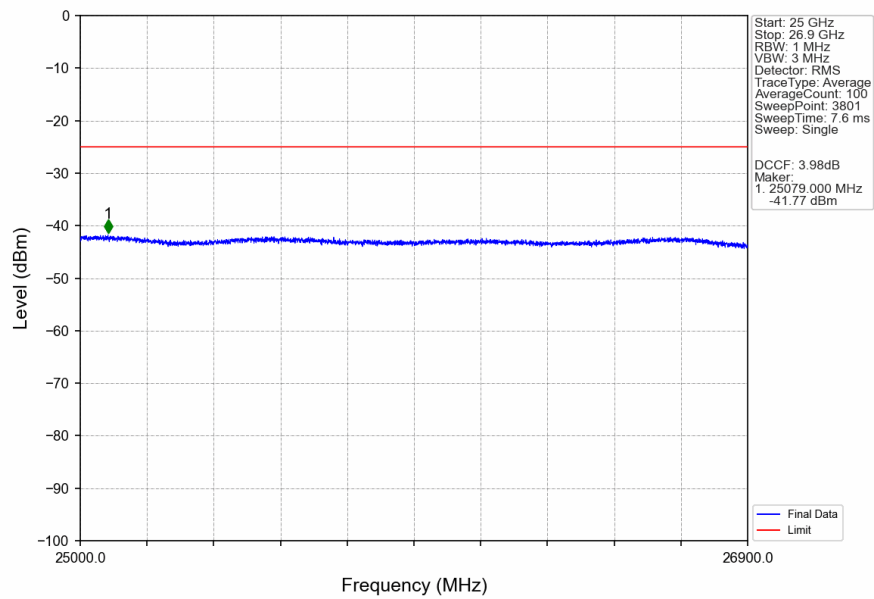
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



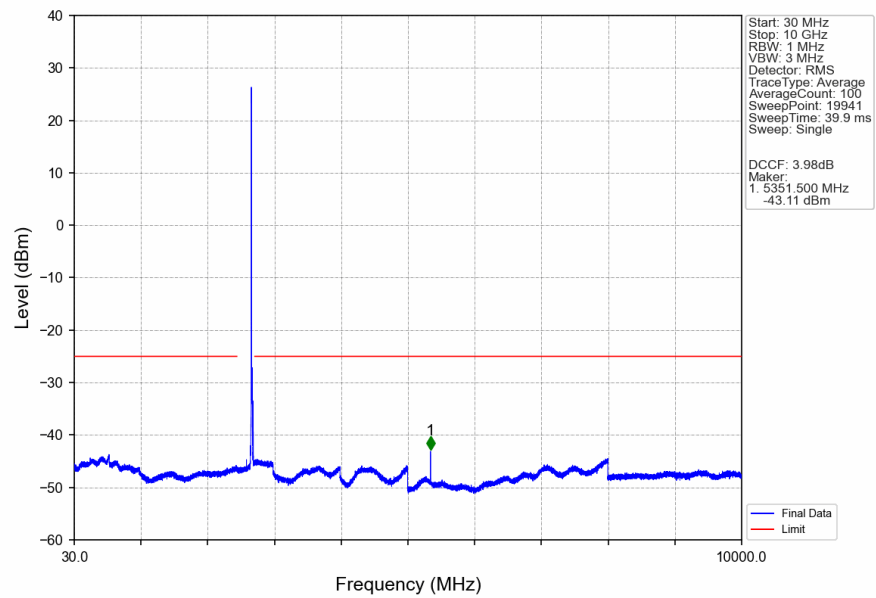
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



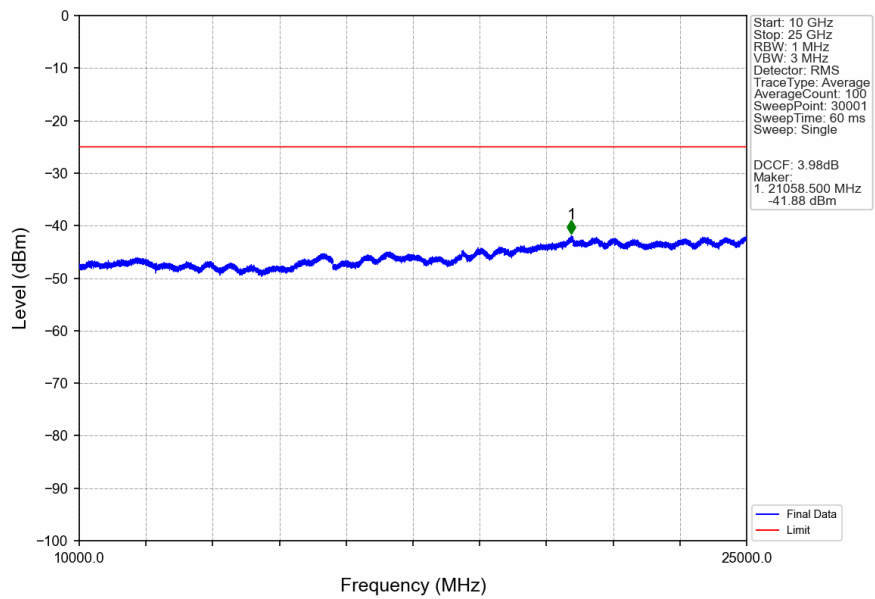
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



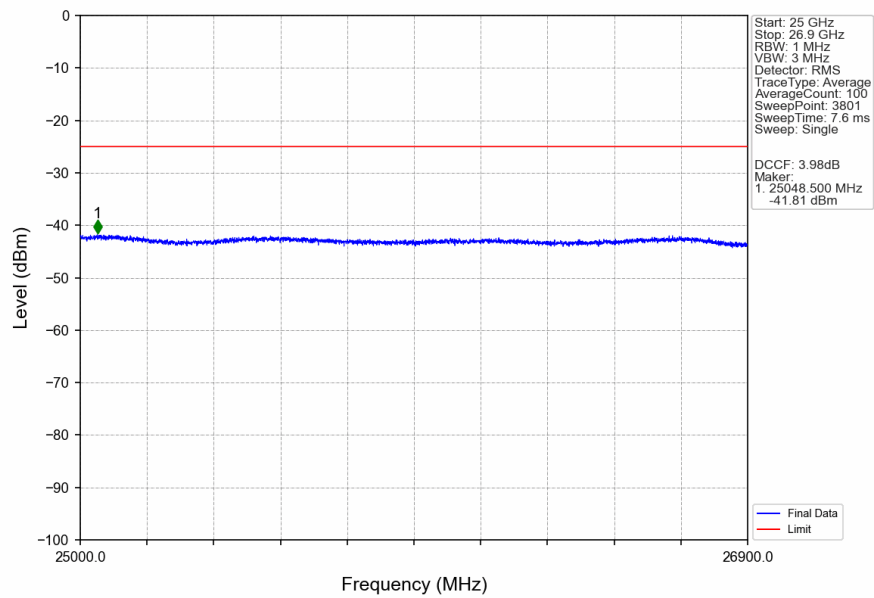
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



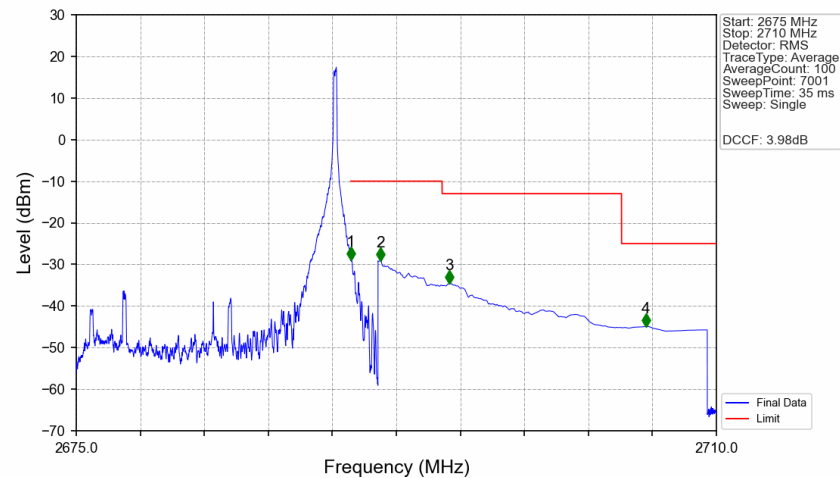
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

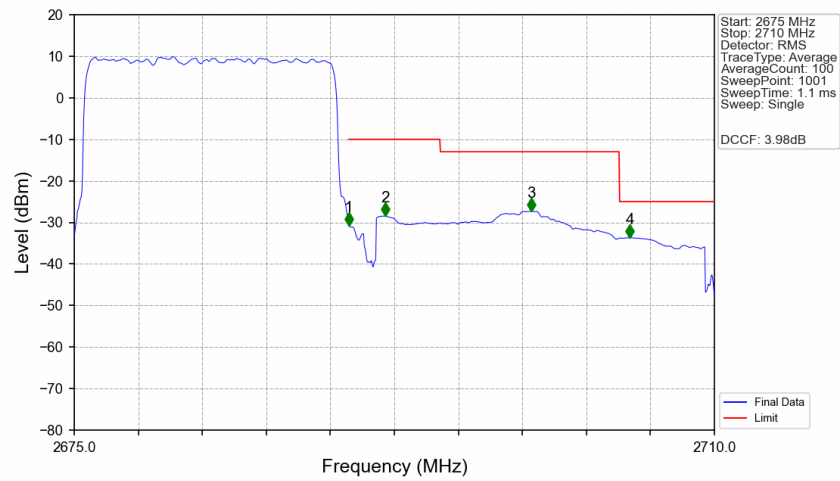


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



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	2690.015	-28.98	-10	Pass
2691	2695	1	CHP	2	2691.645	-29.15	-10	Pass
2695	2704.814	1	CHP	3	2695.410	-34.59	-13	Pass
2704.814	2710	1	CHP	4	2706.155	-44.91	-25	Pass

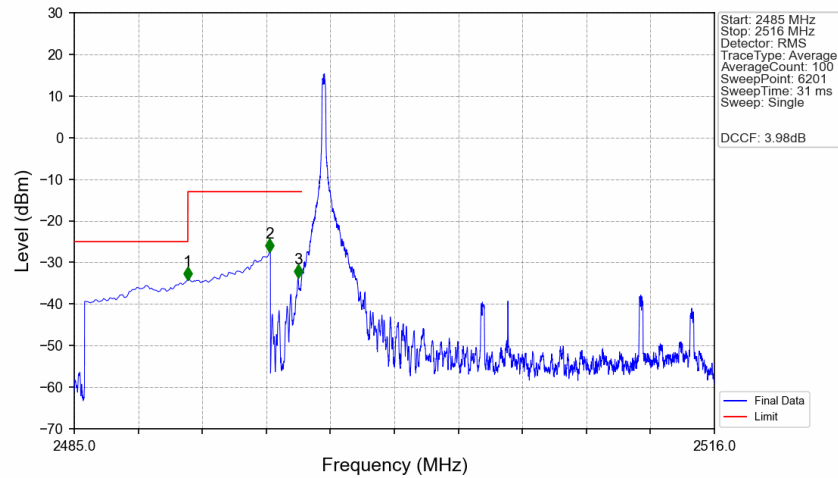
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.296	CHP	/	/	/	/	/
2690	2691	0.296	CHP	1	2690.015	-30.68	-10	Pass
2691	2695	1	CHP	2	2692.010	-28.47	-10	Pass
2695	2704.814	1	CHP	3	2699.990	-27.26	-13	Pass
2704.814	2710	1	CHP	4	2705.380	-33.64	-25	Pass

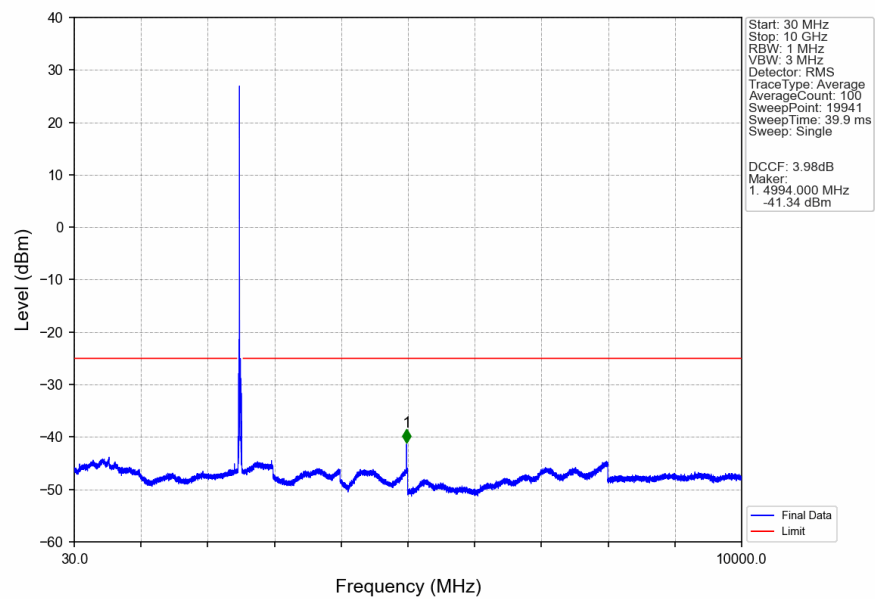
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

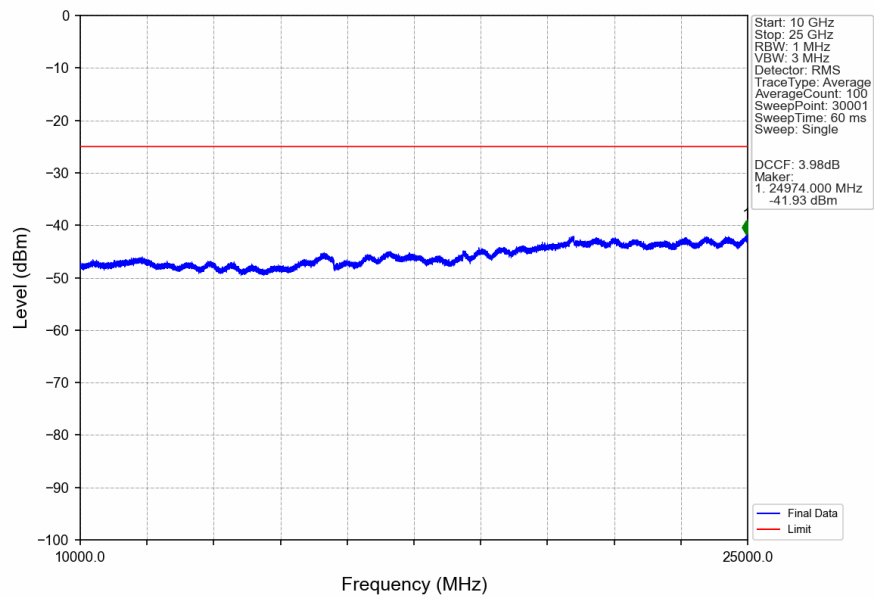


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-34.21	-25	Pass
2490.5	2495	1	CHP	2	2494.470	-27.52	-13	Pass
2495	2496	0.01	/	3	2495.840	-33.65	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

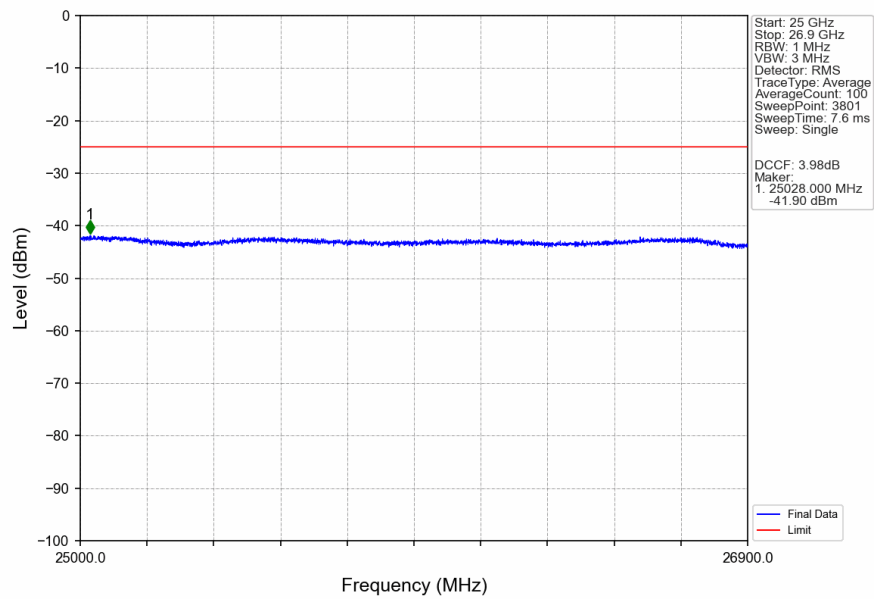
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



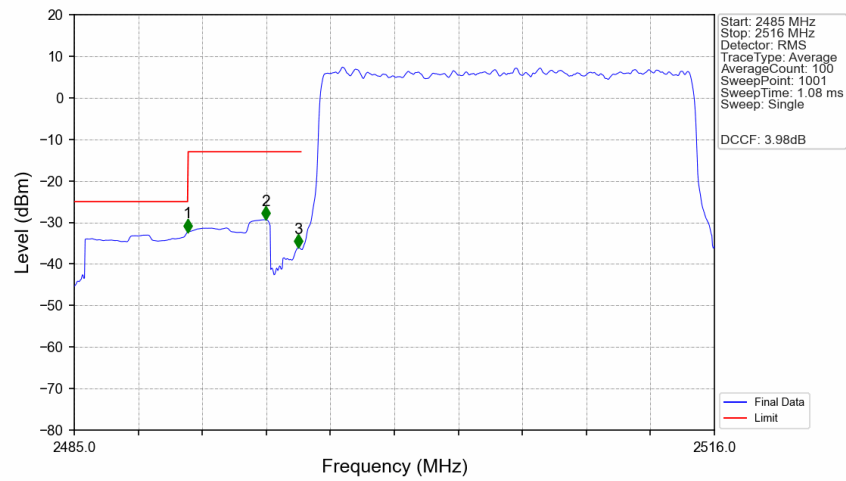
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN

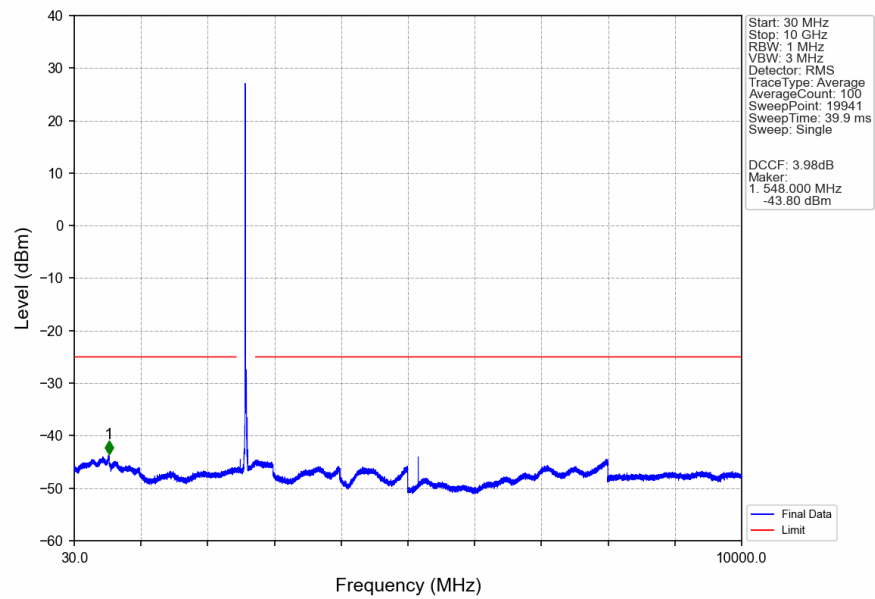


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

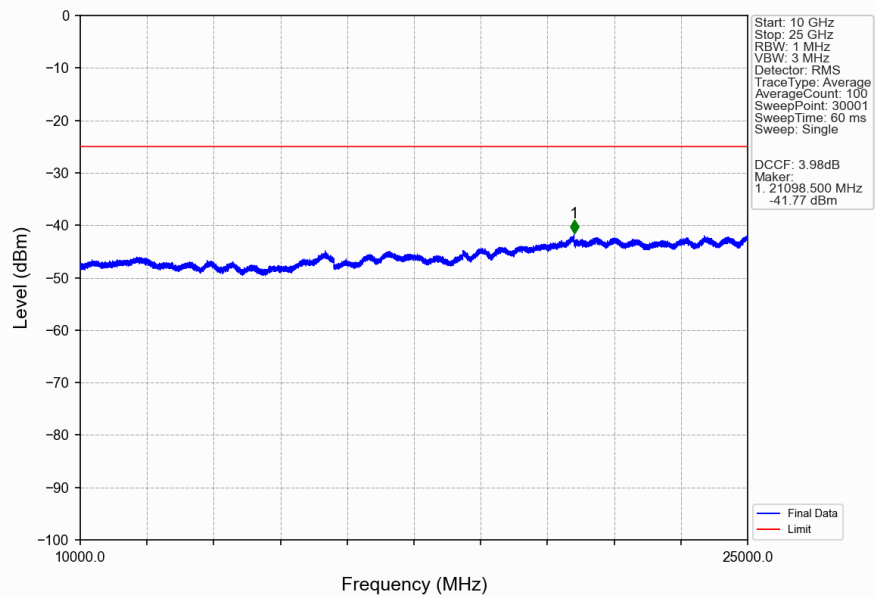


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-32.31	-25	Pass
2490.5	2495	1	CHP	2	2494.269	-29.37	-13	Pass
2495	2496	0.194	CHP	3	2495.850	-36.10	-13	Pass
2496	2516	0.194	CHP	/	/	/	/	/

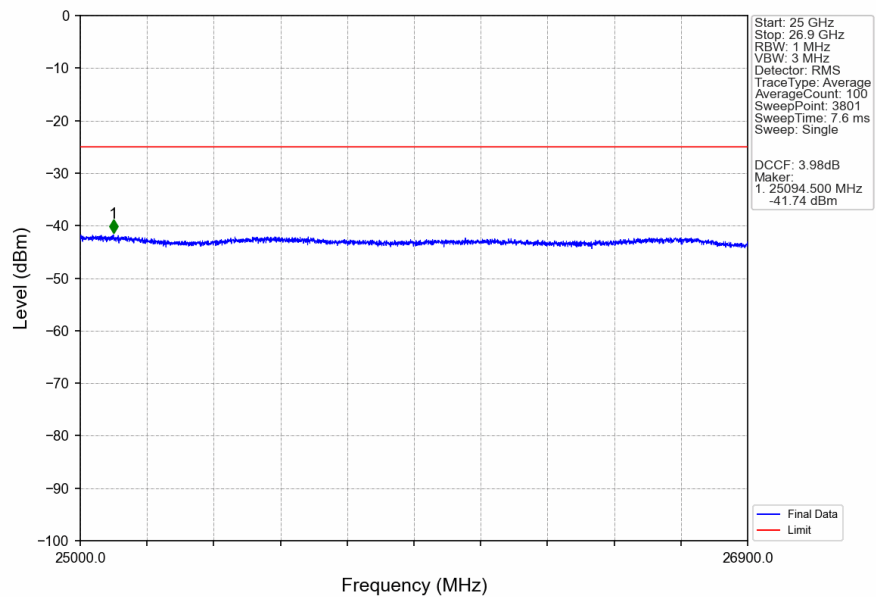
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



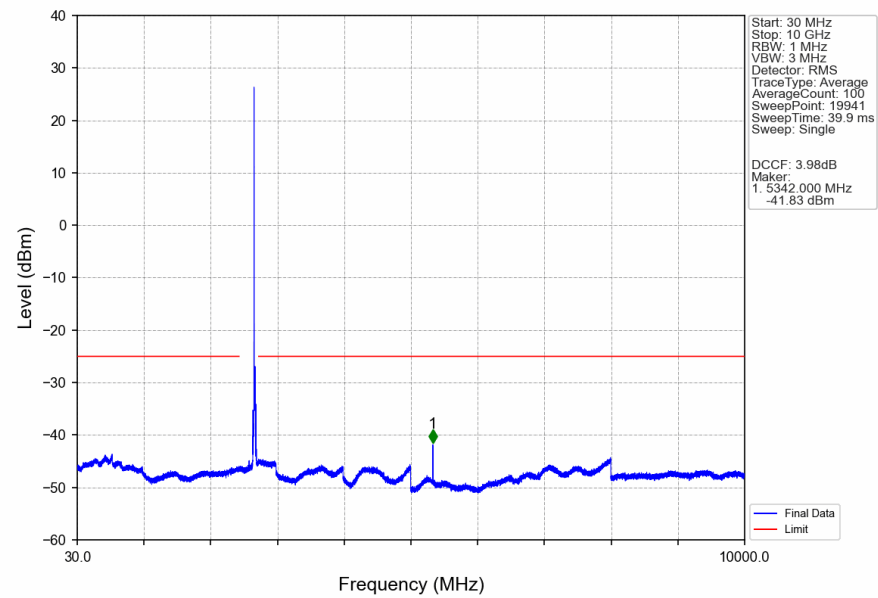
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



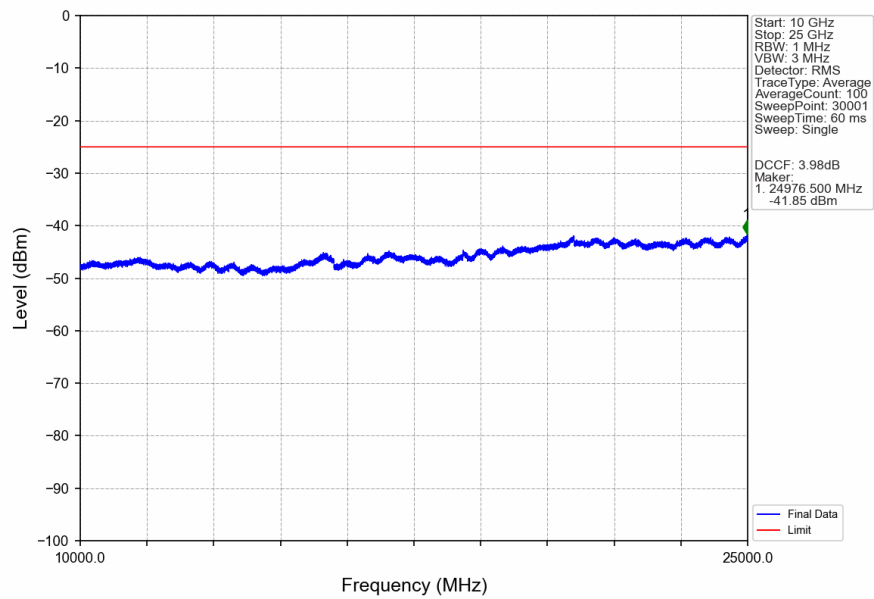
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



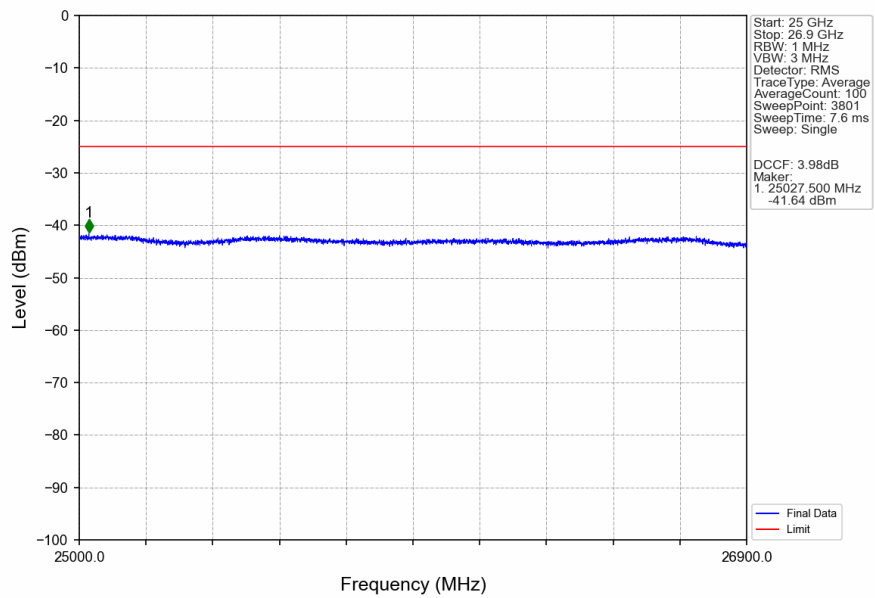
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



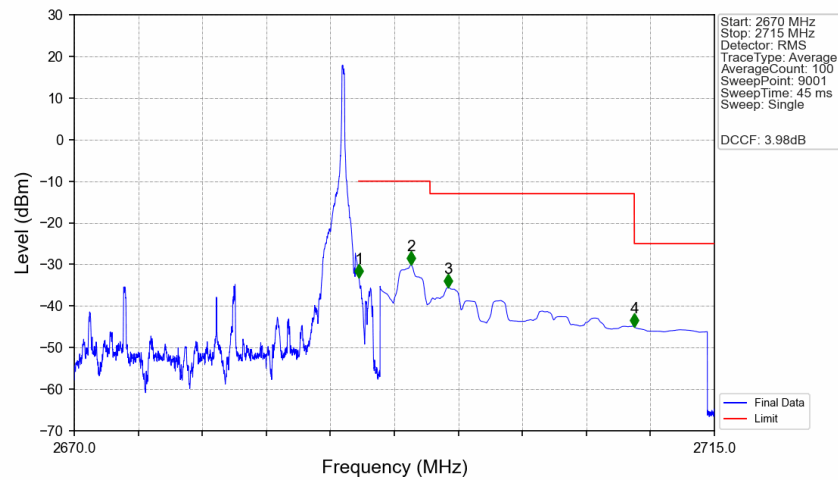
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



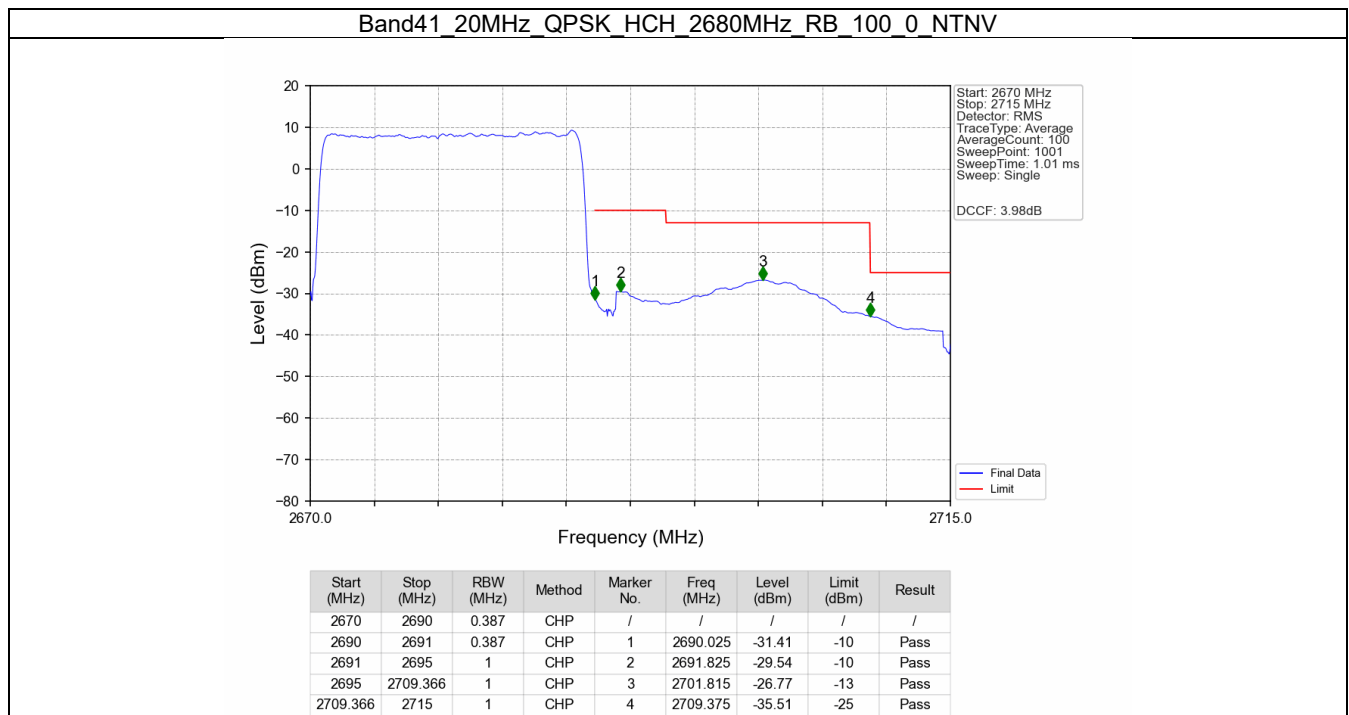
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



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	-33.12	-10	Pass
2691	2695	1	CHP	2	2693.665	-30.13	-10	Pass
2695	2709.366	1	CHP	3	2696.285	-35.53	-13	Pass
2709.366	2715	1	CHP	4	2709.370	-45.04	-25	Pass



---End of Attachment---