

**Appendix A.18****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	23.47	0.07	23.54	<=33.01	Pass
			13	23.70	0.07	23.77	<=33.01	Pass
			24	23.20	0.07	23.27	<=33.01	Pass
		12	0	22.53	0.07	22.60	<=33.01	Pass
			6	22.45	0.07	22.52	<=33.01	Pass
			13	22.54	0.07	22.61	<=33.01	Pass
		25	0	22.55	0.07	22.62	<=33.01	Pass
			0	23.14	0.07	23.21	<=33.01	Pass
			13	23.54	0.07	23.61	<=33.01	Pass
	2593	1	24	23.11	0.07	23.18	<=33.01	Pass
			0	22.37	0.07	22.44	<=33.01	Pass
			6	22.42	0.07	22.49	<=33.01	Pass
		12	13	22.35	0.07	22.42	<=33.01	Pass
			0	22.32	0.07	22.39	<=33.01	Pass
			0	23.14	0.07	23.21	<=33.01	Pass
		25	13	23.31	0.07	23.38	<=33.01	Pass
			24	23.18	0.07	23.25	<=33.01	Pass
			0	22.44	0.07	22.51	<=33.01	Pass
	2687.5	12	6	22.47	0.07	22.54	<=33.01	Pass
			13	22.51	0.07	22.58	<=33.01	Pass
			0	22.47	0.07	22.54	<=33.01	Pass
16QAM	2498.5	1	0	22.23	0.07	22.30	<=33.01	Pass
			13	22.18	0.07	22.25	<=33.01	Pass
			24	22.08	0.07	22.15	<=33.01	Pass
		12	0	21.60	0.07	21.67	<=33.01	Pass
			6	21.52	0.07	21.59	<=33.01	Pass
			13	21.54	0.07	21.61	<=33.01	Pass
		25	0	21.78	0.07	21.85	<=33.01	Pass
			0	22.13	0.07	22.20	<=33.01	Pass
			13	22.04	0.07	22.11	<=33.01	Pass
	2593	1	24	21.48	0.07	21.55	<=33.01	Pass
			0	21.17	0.07	21.24	<=33.01	Pass
			6	21.22	0.07	21.29	<=33.01	Pass
		12	13	21.36	0.07	21.43	<=33.01	Pass
			0	21.60	0.07	21.67	<=33.01	Pass
			0	21.99	0.07	22.06	<=33.01	Pass
		25	13	22.09	0.07	22.16	<=33.01	Pass
			24	21.91	0.07	21.98	<=33.01	Pass
			0	21.44	0.07	21.51	<=33.01	Pass
	2687.5	12	6	21.46	0.07	21.53	<=33.01	Pass



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64QAM	2498.5	25	13	21.43	0.07	21.50	<=33.01	Pass
			0	21.65	0.07	21.72	<=33.01	Pass
	2498.5	1	0	22.14	0.07	22.21	<=33.01	Pass
			13	21.94	0.07	22.01	<=33.01	Pass
			24	21.91	0.07	21.98	<=33.01	Pass
		12	0	21.72	0.07	21.79	<=33.01	Pass
			6	21.69	0.07	21.76	<=33.01	Pass
			13	21.71	0.07	21.78	<=33.01	Pass
	2593	25	0	21.86	0.07	21.93	<=33.01	Pass
			0	21.51	0.07	21.58	<=33.01	Pass
			13	21.60	0.07	21.67	<=33.01	Pass
		1	24	21.14	0.07	21.21	<=33.01	Pass
			0	21.28	0.07	21.35	<=33.01	Pass
		12	6	21.45	0.07	21.52	<=33.01	Pass
			13	21.47	0.07	21.54	<=33.01	Pass
			25	21.35	0.07	21.42	<=33.01	Pass
	2687.5	1	0	21.94	0.07	22.01	<=33.01	Pass
			13	22.01	0.07	22.08	<=33.01	Pass
			24	21.64	0.07	21.71	<=33.01	Pass
		12	0	21.38	0.07	21.45	<=33.01	Pass
			6	21.39	0.07	21.46	<=33.01	Pass
			13	21.32	0.07	21.39	<=33.01	Pass
		25	0	21.48	0.07	21.55	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	23.71	0.07	23.78	<=33.01	Pass
			25	23.59	0.07	23.66	<=33.01	Pass
			49	23.66	0.07	23.73	<=33.01	Pass
		25	0	22.67	0.07	22.74	<=33.01	Pass
			13	22.53	0.07	22.60	<=33.01	Pass
			25	22.73	0.07	22.80	<=33.01	Pass
		50	0	22.77	0.07	22.84	<=33.01	Pass
	2593	1	0	23.25	0.07	23.32	<=33.01	Pass
			25	23.41	0.07	23.48	<=33.01	Pass
			49	23.35	0.07	23.42	<=33.01	Pass
		25	0	22.45	0.07	22.52	<=33.01	Pass
			13	22.48	0.07	22.55	<=33.01	Pass
			25	22.31	0.07	22.38	<=33.01	Pass
		50	0	22.48	0.07	22.55	<=33.01	Pass
	2685	1	0	23.23	0.07	23.30	<=33.01	Pass
			25	23.18	0.07	23.25	<=33.01	Pass
			49	23.65	0.07	23.72	<=33.01	Pass
		25	0	22.65	0.07	22.72	<=33.01	Pass
			13	22.68	0.07	22.75	<=33.01	Pass
			25	22.65	0.07	22.72	<=33.01	Pass
		50	0	22.49	0.07	22.56	<=33.01	Pass

16QAM	2501	1	0	22.49	0.07	22.56	<=33.01	Pass
			25	22.32	0.07	22.39	<=33.01	Pass
			49	22.41	0.07	22.48	<=33.01	Pass
		25	0	21.57	0.07	21.64	<=33.01	Pass
			13	21.54	0.07	21.61	<=33.01	Pass
			25	21.64	0.07	21.71	<=33.01	Pass
		50	0	21.82	0.07	21.89	<=33.01	Pass
	2593	1	0	22.59	0.07	22.66	<=33.01	Pass
			25	22.21	0.07	22.28	<=33.01	Pass
			49	22.01	0.07	22.08	<=33.01	Pass
		25	0	21.30	0.07	21.37	<=33.01	Pass
			13	21.33	0.07	21.40	<=33.01	Pass
			25	21.31	0.07	21.38	<=33.01	Pass
		50	0	21.48	0.07	21.55	<=33.01	Pass
	2685	1	0	22.13	0.07	22.20	<=33.01	Pass
			25	22.26	0.07	22.33	<=33.01	Pass
			49	22.06	0.07	22.13	<=33.01	Pass
		25	0	21.45	0.07	21.52	<=33.01	Pass
			13	21.36	0.07	21.43	<=33.01	Pass
			25	21.37	0.07	21.44	<=33.01	Pass
		50	0	21.38	0.07	21.45	<=33.01	Pass
64QAM	2501	1	0	22.26	0.07	22.33	<=33.01	Pass
			25	22.08	0.07	22.15	<=33.01	Pass
			49	22.16	0.07	22.23	<=33.01	Pass
		25	0	21.70	0.07	21.77	<=33.01	Pass
			13	21.64	0.07	21.71	<=33.01	Pass
			25	21.75	0.07	21.82	<=33.01	Pass
		50	0	21.77	0.07	21.84	<=33.01	Pass
	2593	1	0	21.63	0.07	21.70	<=33.01	Pass
			25	21.72	0.07	21.79	<=33.01	Pass
			49	21.16	0.07	21.23	<=33.01	Pass
		25	0	21.41	0.07	21.48	<=33.01	Pass
			13	21.43	0.07	21.50	<=33.01	Pass
			25	21.39	0.07	21.46	<=33.01	Pass
		50	0	21.46	0.07	21.53	<=33.01	Pass
	2685	1	0	21.99	0.07	22.06	<=33.01	Pass
			25	21.95	0.07	22.02	<=33.01	Pass
			49	21.69	0.07	21.76	<=33.01	Pass
		25	0	21.56	0.07	21.63	<=33.01	Pass
			13	21.48	0.07	21.55	<=33.01	Pass
			25	21.48	0.07	21.55	<=33.01	Pass
		50	0	21.51	0.07	21.58	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.15	0.07	23.22	<=33.01	Pass
			38	23.22	0.07	23.29	<=33.01	Pass

		36	74	23.55	0.07	23.62	<=33.01	Pass
			0	22.58	0.07	22.65	<=33.01	Pass
			18	22.56	0.07	22.63	<=33.01	Pass
			39	22.62	0.07	22.69	<=33.01	Pass
		75	0	22.55	0.07	22.62	<=33.01	Pass
	2593	1	0	23.42	0.07	23.49	<=33.01	Pass
			38	23.71	0.07	23.78	<=33.01	Pass
			74	23.37	0.07	23.44	<=33.01	Pass
		36	0	22.62	0.07	22.69	<=33.01	Pass
			18	22.64	0.07	22.71	<=33.01	Pass
			39	22.56	0.07	22.63	<=33.01	Pass
		75	0	22.55	0.07	22.62	<=33.01	Pass
	2682.5	1	0	23.16	0.07	23.23	<=33.01	Pass
			38	23.29	0.07	23.36	<=33.01	Pass
			74	23.28	0.07	23.35	<=33.01	Pass
		36	0	22.43	0.07	22.50	<=33.01	Pass
			18	22.67	0.07	22.74	<=33.01	Pass
			39	22.46	0.07	22.53	<=33.01	Pass
		75	0	22.34	0.07	22.41	<=33.01	Pass
16QAM	2503.5	1	0	22.28	0.07	22.35	<=33.01	Pass
			38	22.63	0.07	22.70	<=33.01	Pass
			74	22.84	0.07	22.91	<=33.01	Pass
		36	0	21.65	0.07	21.72	<=33.01	Pass
			18	21.70	0.07	21.77	<=33.01	Pass
			39	21.70	0.07	21.77	<=33.01	Pass
		75	0	21.89	0.07	21.96	<=33.01	Pass
	2593	1	0	21.98	0.07	22.05	<=33.01	Pass
			38	22.20	0.07	22.27	<=33.01	Pass
			74	22.04	0.07	22.11	<=33.01	Pass
		36	0	21.45	0.07	21.52	<=33.01	Pass
			18	21.51	0.07	21.58	<=33.01	Pass
			39	21.34	0.07	21.41	<=33.01	Pass
		75	0	21.48	0.07	21.55	<=33.01	Pass
	2682.5	1	0	21.74	0.07	21.81	<=33.01	Pass
			38	22.23	0.07	22.30	<=33.01	Pass
			74	22.16	0.07	22.23	<=33.01	Pass
		36	0	21.45	0.07	21.52	<=33.01	Pass
			18	21.50	0.07	21.57	<=33.01	Pass
			39	21.50	0.07	21.57	<=33.01	Pass
		75	0	21.37	0.07	21.44	<=33.01	Pass
64QAM	2503.5	1	0	22.12	0.07	22.19	<=33.01	Pass
			38	21.85	0.07	21.92	<=33.01	Pass
			74	21.95	0.07	22.02	<=33.01	Pass
		36	0	21.44	0.07	21.51	<=33.01	Pass
			18	21.56	0.07	21.63	<=33.01	Pass
			39	21.57	0.07	21.64	<=33.01	Pass
		75	0	21.59	0.07	21.66	<=33.01	Pass
	2593	1	0	21.35	0.07	21.42	<=33.01	Pass
			38	21.53	0.07	21.60	<=33.01	Pass
			74	21.20	0.07	21.27	<=33.01	Pass
		36	0	21.49	0.07	21.56	<=33.01	Pass
			18	21.64	0.07	21.71	<=33.01	Pass
			39	21.37	0.07	21.44	<=33.01	Pass



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	2682.5	75	0	21.37	0.07	21.44	<=33.01	Pass
		1	0	21.28	0.07	21.35	<=33.01	Pass
			38	21.58	0.07	21.65	<=33.01	Pass
			74	21.67	0.07	21.74	<=33.01	Pass
			0	21.21	0.07	21.28	<=33.01	Pass
		36	18	21.32	0.07	21.39	<=33.01	Pass
			39	21.45	0.07	21.52	<=33.01	Pass
			75	21.36	0.07	21.43	<=33.01	Pass
		75	0	21.36	0.07	21.43	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	23.27	0.07	23.34	<=33.01	Pass
			50	23.63	0.07	23.70	<=33.01	Pass
			99	23.41	0.07	23.48	<=33.01	Pass
		50	0	22.59	0.07	22.66	<=33.01	Pass
			25	22.63	0.07	22.70	<=33.01	Pass
			50	22.65	0.07	22.72	<=33.01	Pass
		100	0	22.60	0.07	22.67	<=33.01	Pass
	2593	1	0	23.08	0.07	23.15	<=33.01	Pass
			50	23.46	0.07	23.53	<=33.01	Pass
			99	23.28	0.07	23.35	<=33.01	Pass
		50	0	22.50	0.07	22.57	<=33.01	Pass
			25	22.61	0.07	22.68	<=33.01	Pass
			50	22.45	0.07	22.52	<=33.01	Pass
		100	0	22.35	0.07	22.42	<=33.01	Pass
	2680	1	0	23.64	0.07	23.71	<=33.01	Pass
			50	23.32	0.07	23.39	<=33.01	Pass
			99	23.75	0.07	23.82	<=33.01	Pass
		50	0	22.45	0.07	22.52	<=33.01	Pass
			25	22.35	0.07	22.42	<=33.01	Pass
			50	22.45	0.07	22.52	<=33.01	Pass
		100	0	22.38	0.07	22.45	<=33.01	Pass
16QAM	2506	1	0	22.74	0.07	22.81	<=33.01	Pass
			50	22.30	0.07	22.37	<=33.01	Pass
			99	22.08	0.07	22.15	<=33.01	Pass
		50	0	21.63	0.07	21.70	<=33.01	Pass
			25	21.66	0.07	21.73	<=33.01	Pass
			50	21.77	0.07	21.84	<=33.01	Pass
		100	0	21.62	0.07	21.69	<=33.01	Pass
	2593	1	0	21.84	0.07	21.91	<=33.01	Pass
			50	22.24	0.07	22.31	<=33.01	Pass
			99	21.87	0.07	21.94	<=33.01	Pass
		50	0	21.32	0.07	21.39	<=33.01	Pass
			25	21.68	0.07	21.75	<=33.01	Pass
			50	21.52	0.07	21.59	<=33.01	Pass
		100	0	21.41	0.07	21.48	<=33.01	Pass
	2680	1	0	21.98	0.07	22.05	<=33.01	Pass



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64QAM			50	22.31	0.07	22.38	<=33.01	Pass
			99	22.69	0.07	22.76	<=33.01	Pass
			0	21.27	0.07	21.34	<=33.01	Pass
			25	21.27	0.07	21.34	<=33.01	Pass
			50	21.40	0.07	21.47	<=33.01	Pass
		100	0	21.35	0.07	21.42	<=33.01	Pass
	2506	1	0	21.53	0.07	21.60	<=33.01	Pass
			50	21.87	0.07	21.94	<=33.01	Pass
			99	21.84	0.07	21.91	<=33.01	Pass
		50	0	21.55	0.07	21.62	<=33.01	Pass
			25	21.55	0.07	21.62	<=33.01	Pass
			50	21.66	0.07	21.73	<=33.01	Pass
		100	0	21.83	0.07	21.90	<=33.01	Pass
	2593	1	0	21.36	0.07	21.43	<=33.01	Pass
			50	21.69	0.07	21.76	<=33.01	Pass
			99	21.15	0.07	21.22	<=33.01	Pass
		50	0	21.40	0.07	21.47	<=33.01	Pass
			25	21.38	0.07	21.45	<=33.01	Pass
			50	21.44	0.07	21.51	<=33.01	Pass
		100	0	21.74	0.07	21.81	<=33.01	Pass
	2680	1	0	21.55	0.07	21.62	<=33.01	Pass
			50	21.66	0.07	21.73	<=33.01	Pass
			99	21.84	0.07	21.91	<=33.01	Pass
		50	0	21.41	0.07	21.48	<=33.01	Pass
			25	21.42	0.07	21.49	<=33.01	Pass
			50	21.42	0.07	21.49	<=33.01	Pass
		100	0	21.38	0.07	21.45	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	8.8	0.300	0.0001	-2.5 to 2.5	Pass
					7.7	-0.100	0.0000	-2.5 to 2.5	Pass
					6.6	3.600	0.0014	-2.5 to 2.5	Pass
				-30	7.7	4.500	0.0017	-2.5 to 2.5	Pass
				-20	7.7	-1.500	-0.0006	-2.5 to 2.5	Pass
				-10	7.7	-0.600	-0.0002	-2.5 to 2.5	Pass
				0	7.7	0.400	0.0002	-2.5 to 2.5	Pass
				10	7.7	7.900	0.0030	-2.5 to 2.5	Pass
				30	7.7	1.800	0.0007	-2.5 to 2.5	Pass
				40	7.7	4.700	0.0018	-2.5 to 2.5	Pass
				50	7.7	4.000	0.0015	-2.5 to 2.5	Pass



3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

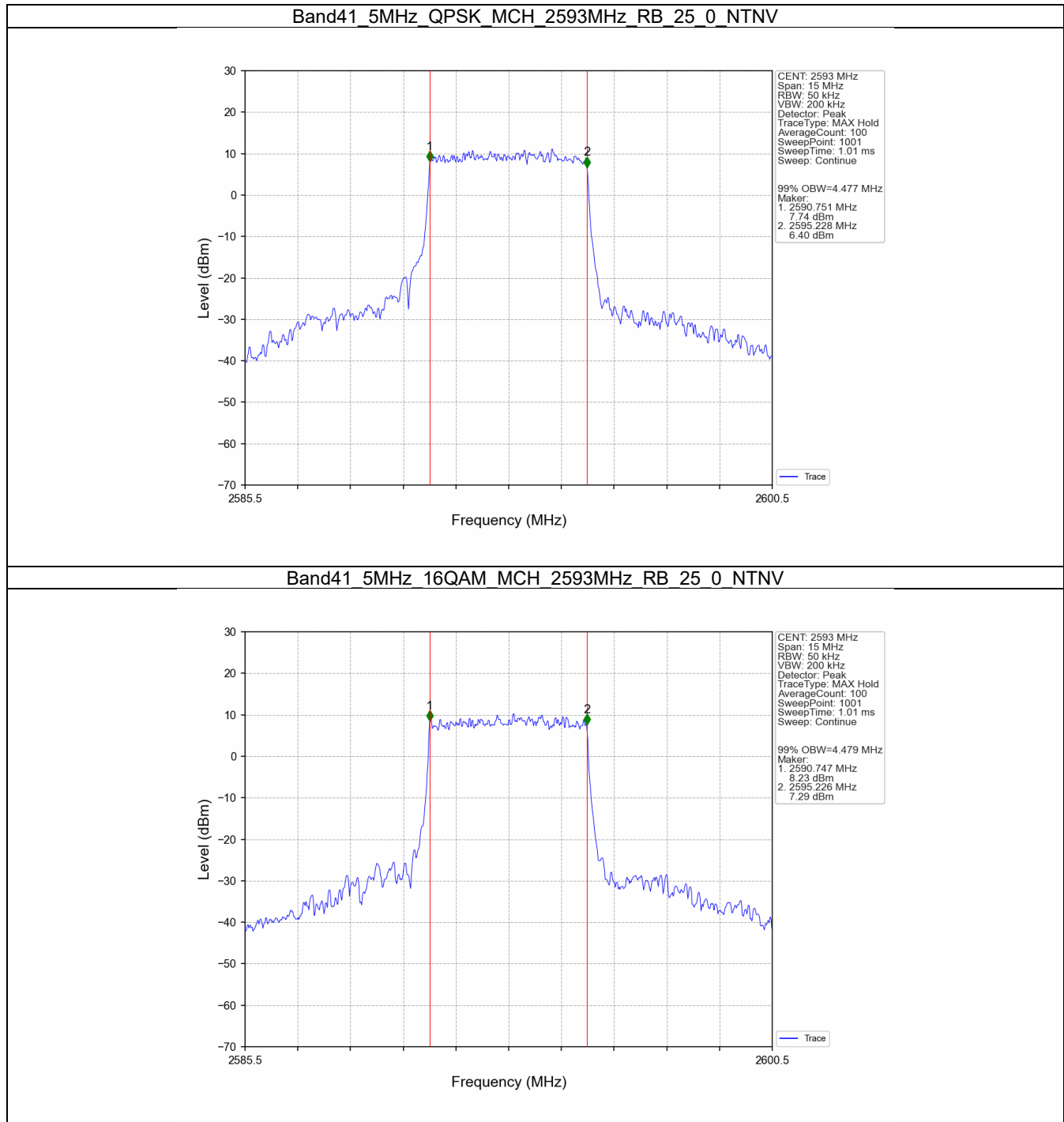
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.477	/	Pass
	16QAM	2593	25	0	4.479	/	Pass
	64QAM	2593	25	0	4.476	/	Pass
10	QPSK	2593	50	0	8.964	/	Pass
	16QAM	2593	50	0	8.928	/	Pass
	64QAM	2593	50	0	8.958	/	Pass
15	QPSK	2593	75	0	13.442	/	Pass
	16QAM	2593	75	0	13.419	/	Pass
	64QAM	2593	75	0	13.438	/	Pass
20	QPSK	2593	100	0	17.864	/	Pass
	16QAM	2593	100	0	17.892	/	Pass
	64QAM	2593	100	0	17.855	/	Pass

3.1.2 Band41_XDB

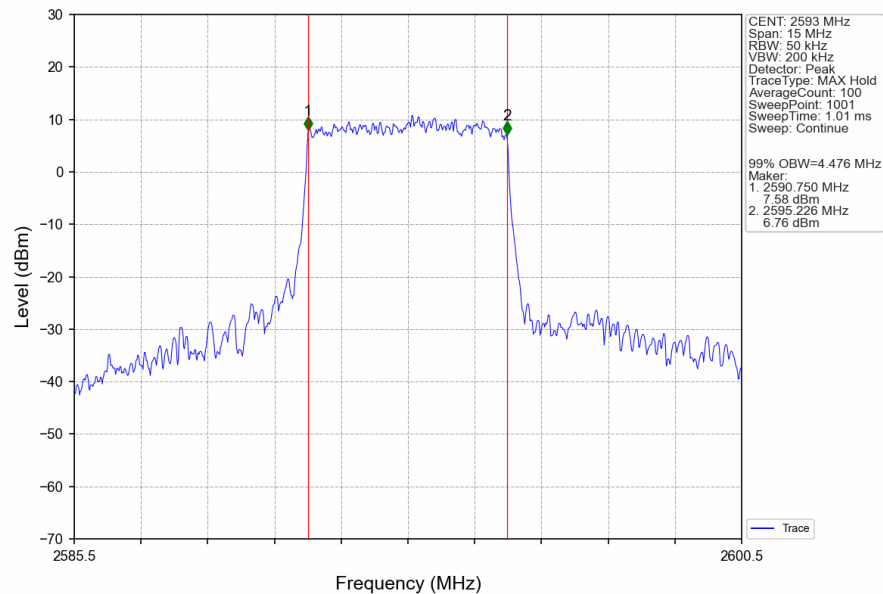
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.954	/	Pass
	16QAM	2593	25	0	4.845	/	Pass
	64QAM	2593	25	0	4.885	/	Pass
10	QPSK	2593	50	0	9.712	/	Pass
	16QAM	2593	50	0	9.605	/	Pass
	64QAM	2593	50	0	9.685	/	Pass
15	QPSK	2593	75	0	14.462	/	Pass
	16QAM	2593	75	0	15.053	/	Pass
	64QAM	2593	75	0	14.729	/	Pass
20	QPSK	2593	100	0	19.060	/	Pass
	16QAM	2593	100	0	18.993	/	Pass
	64QAM	2593	100	0	19.079	/	Pass

3.2 Test Graph

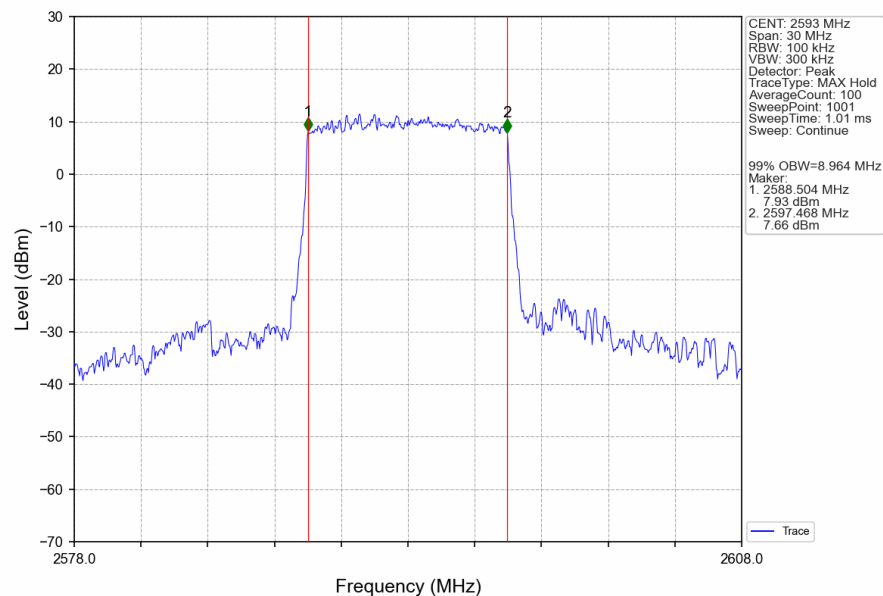
3.2.1 Band41_OBW



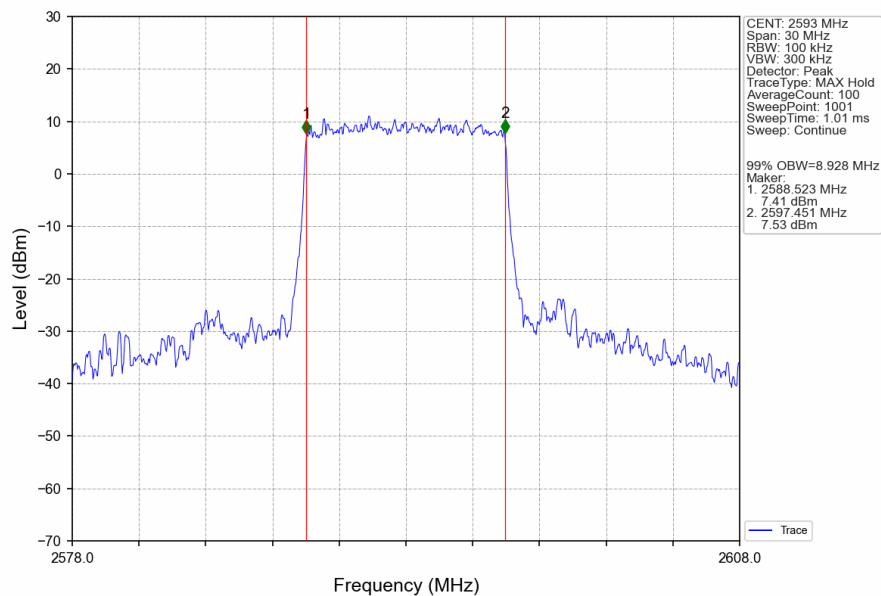
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



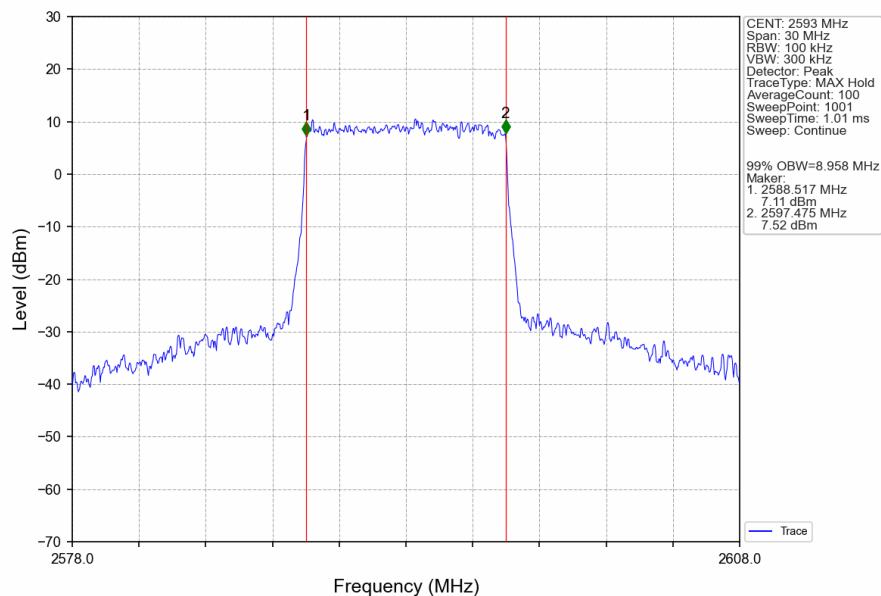
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



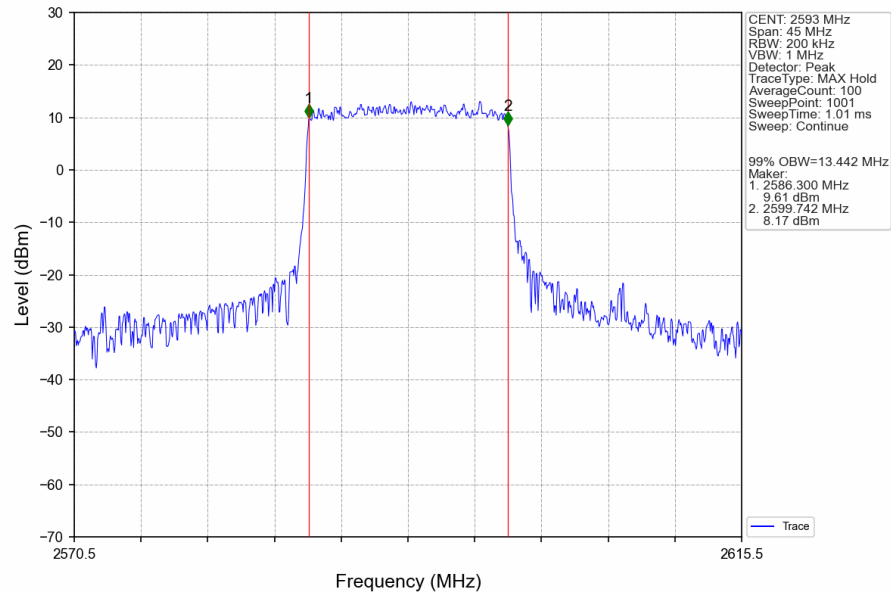
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



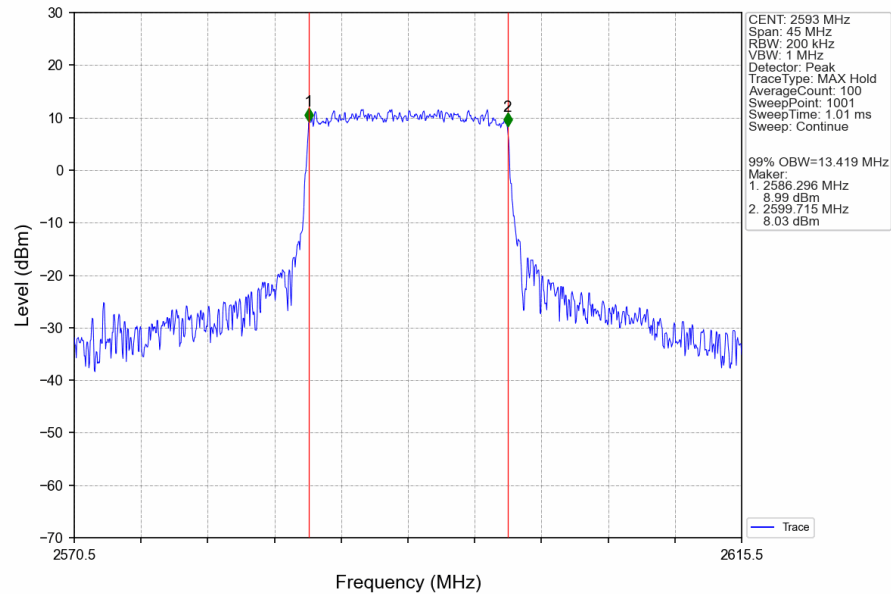
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



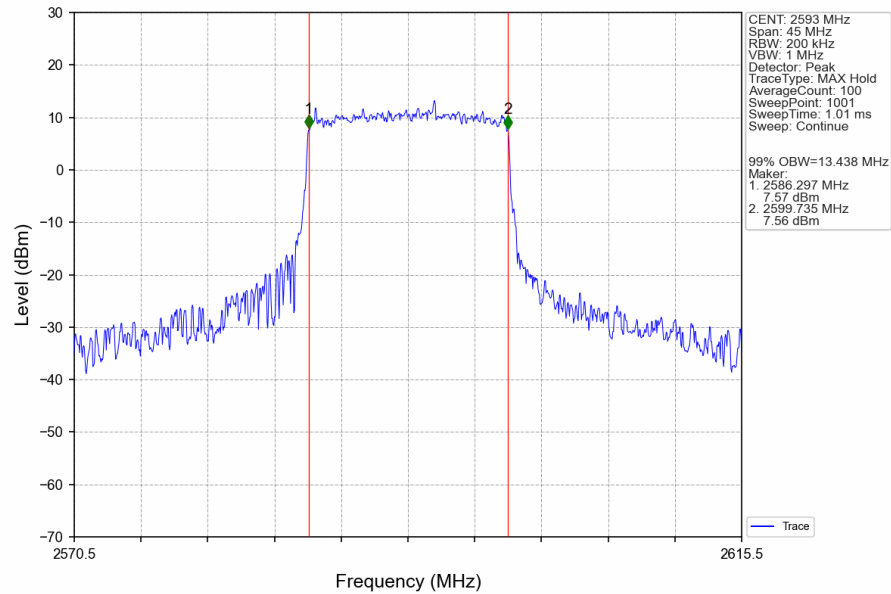
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



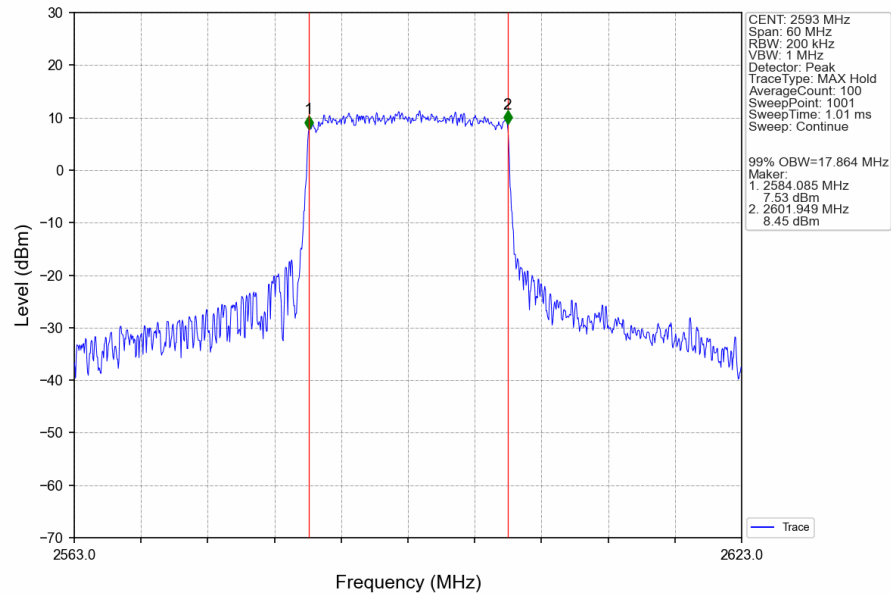
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



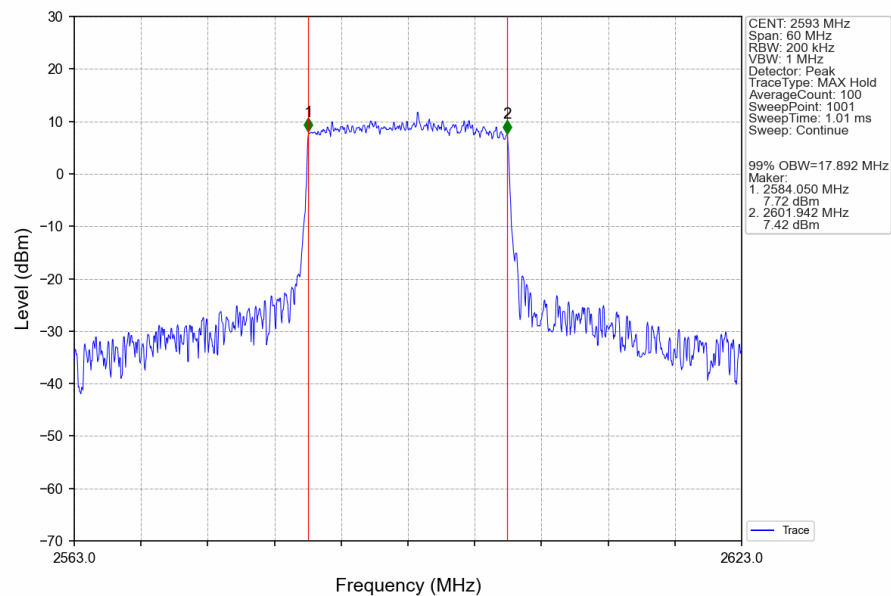
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



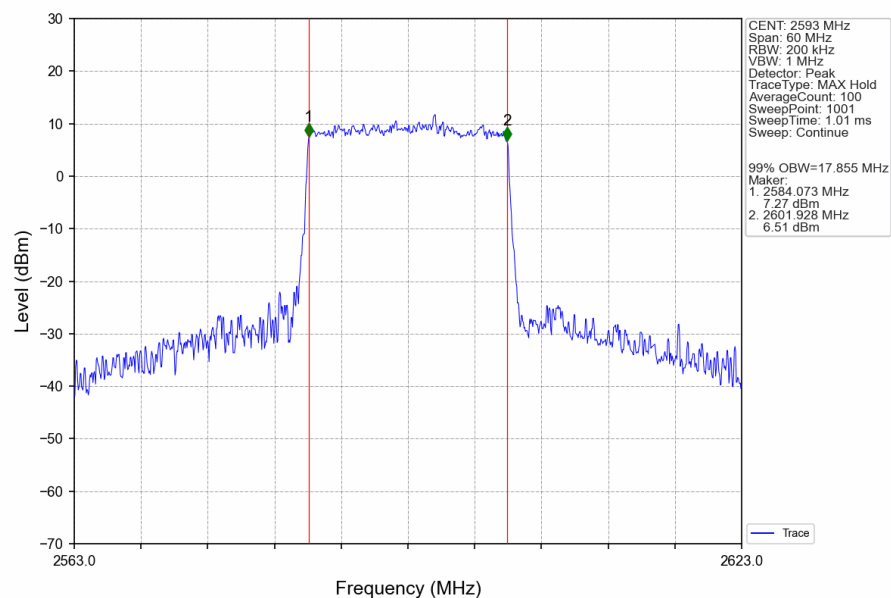
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



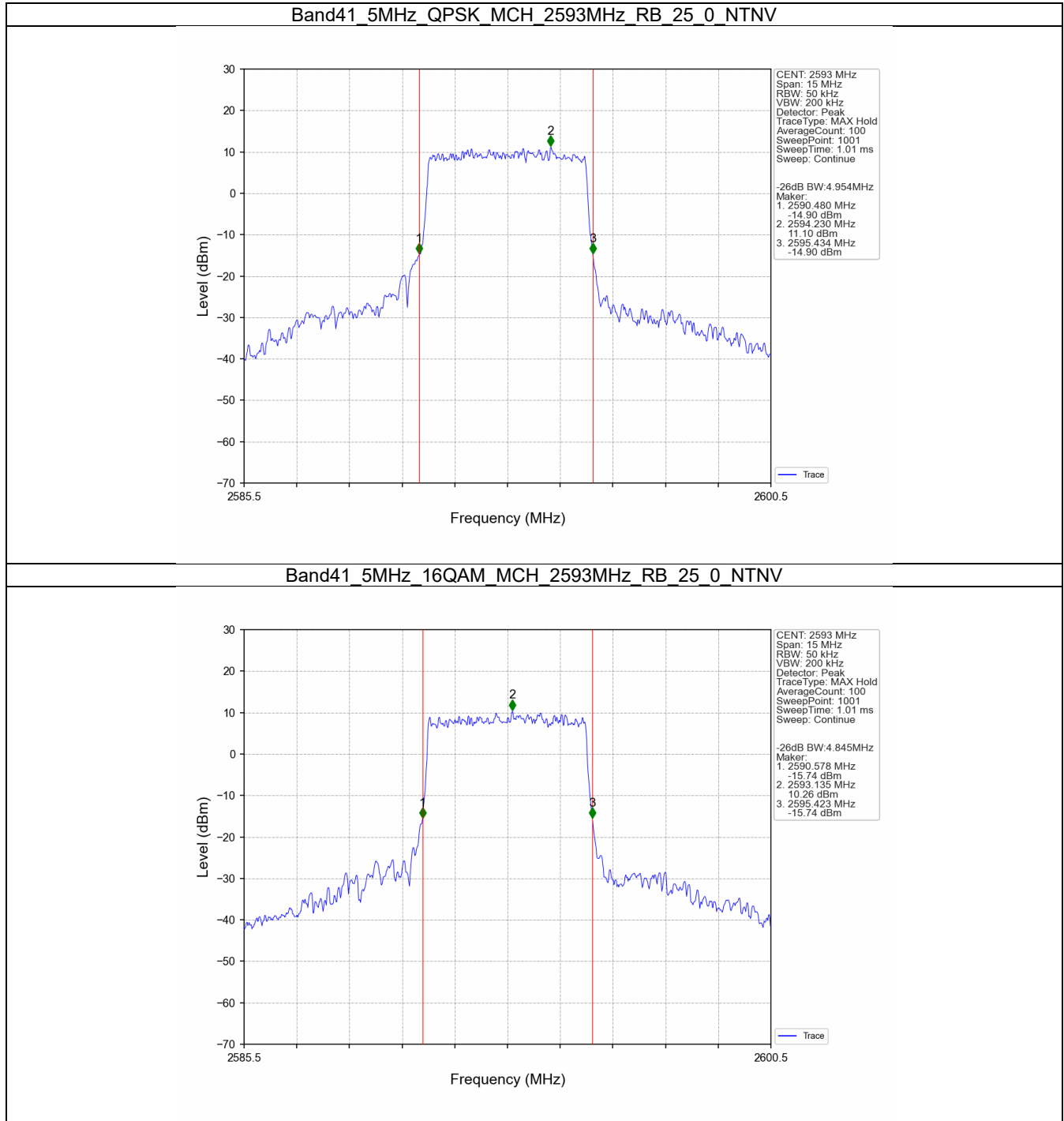
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



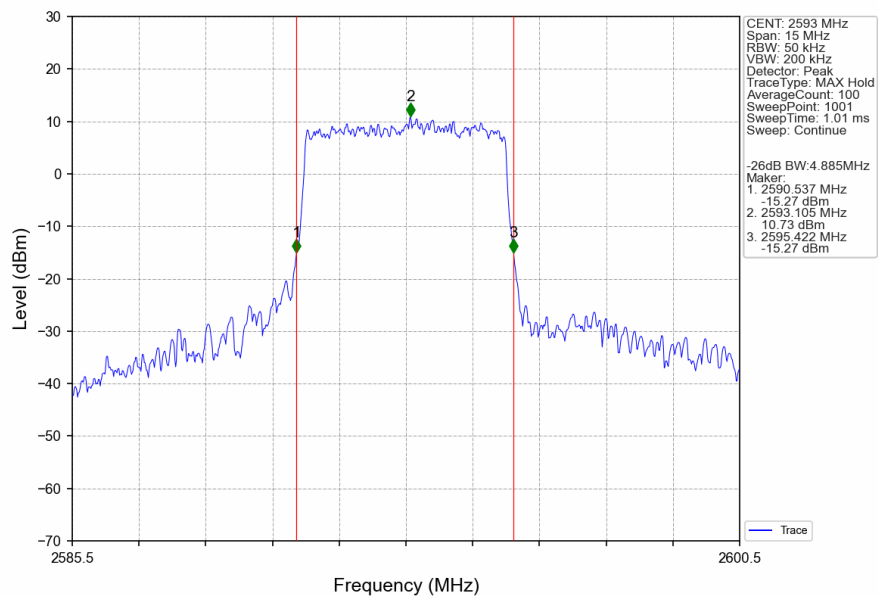
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



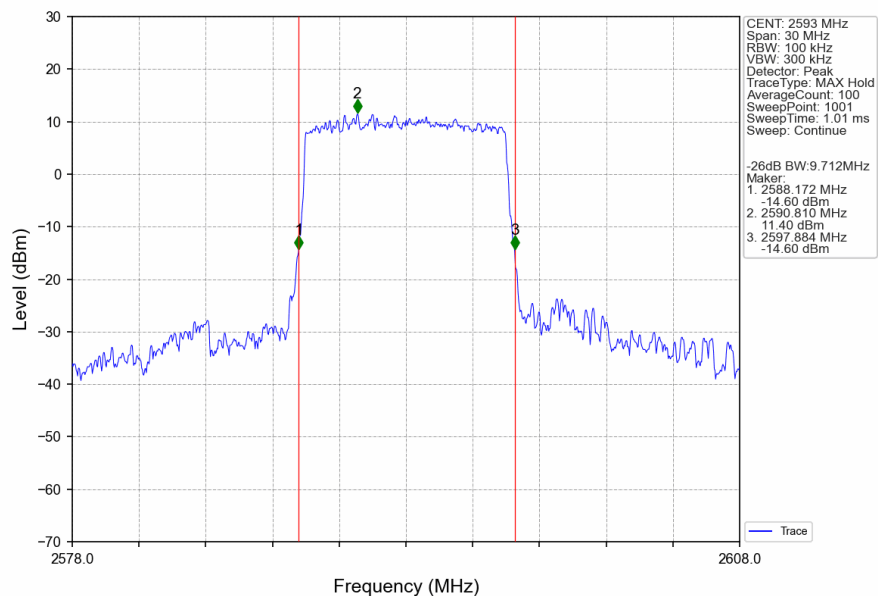
3.2.2 Band41_XDB



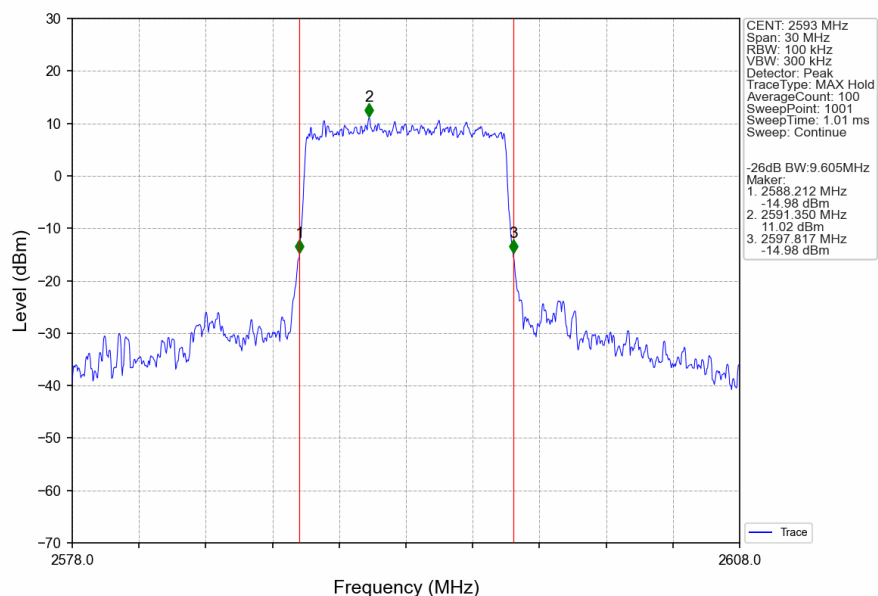
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



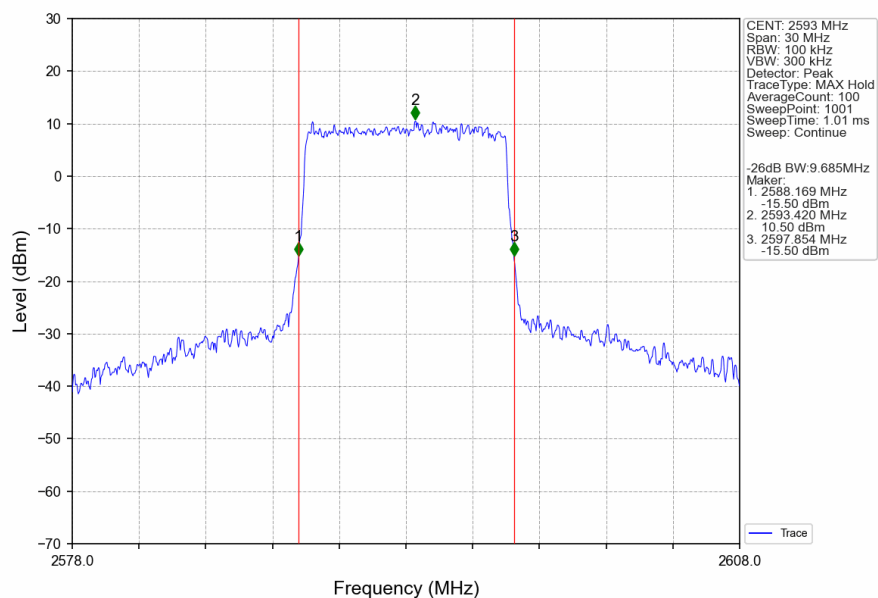
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



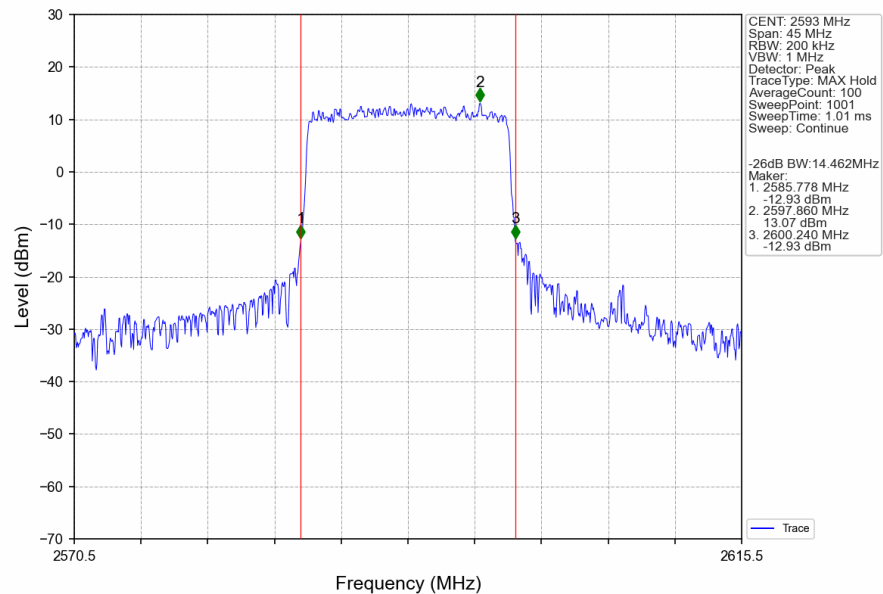
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



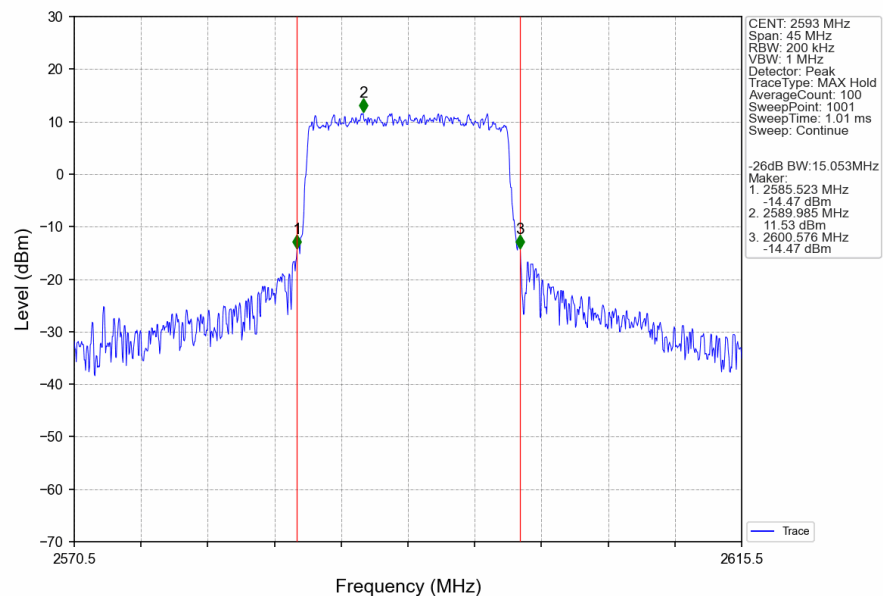
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



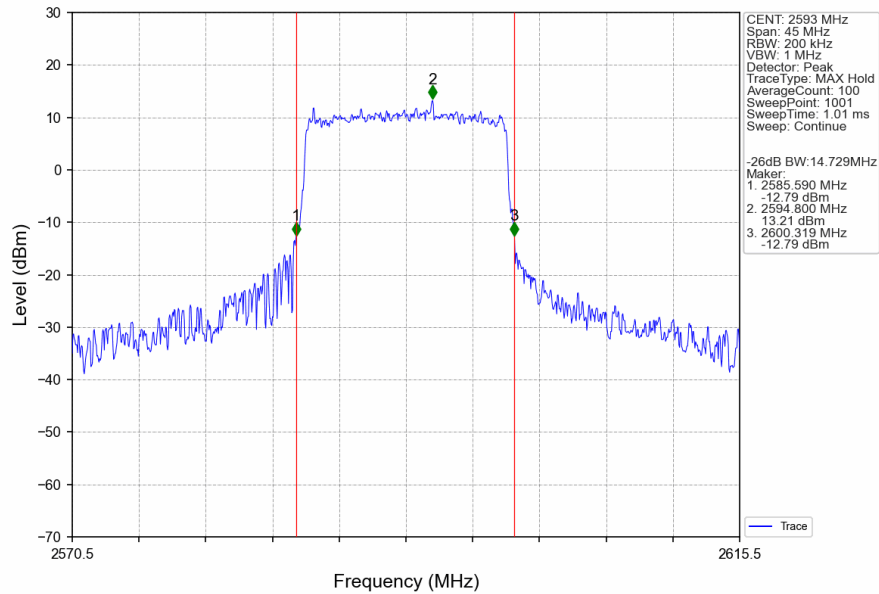
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



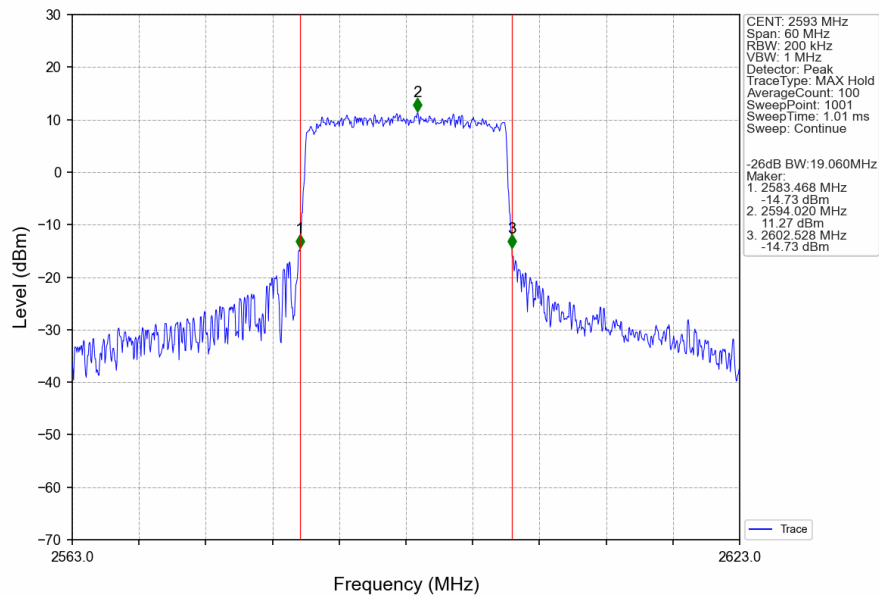
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



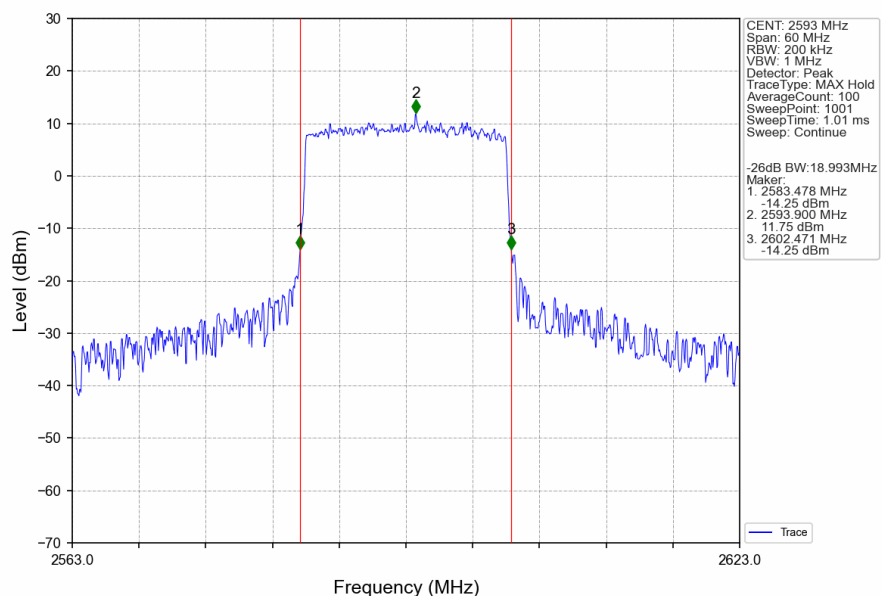
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



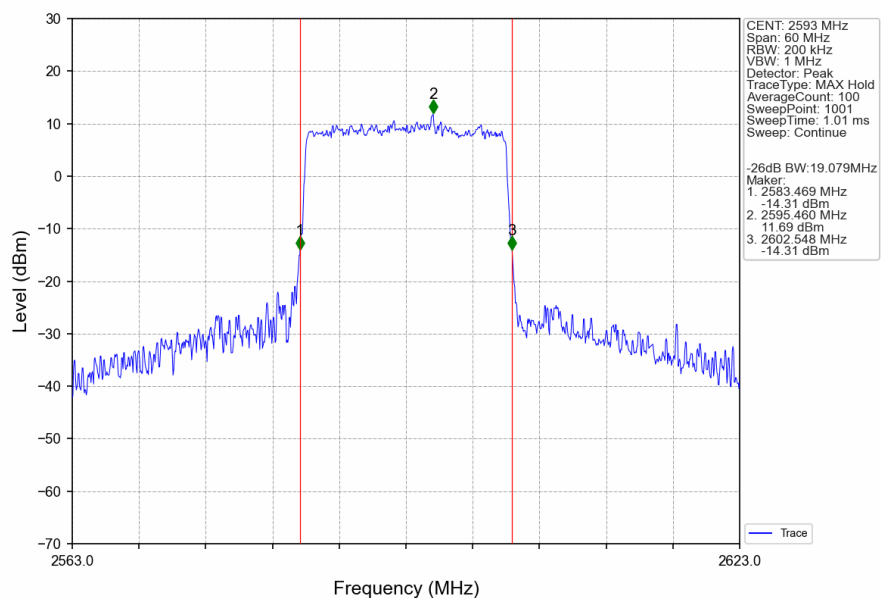
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV





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4. Peak-Average Ratio

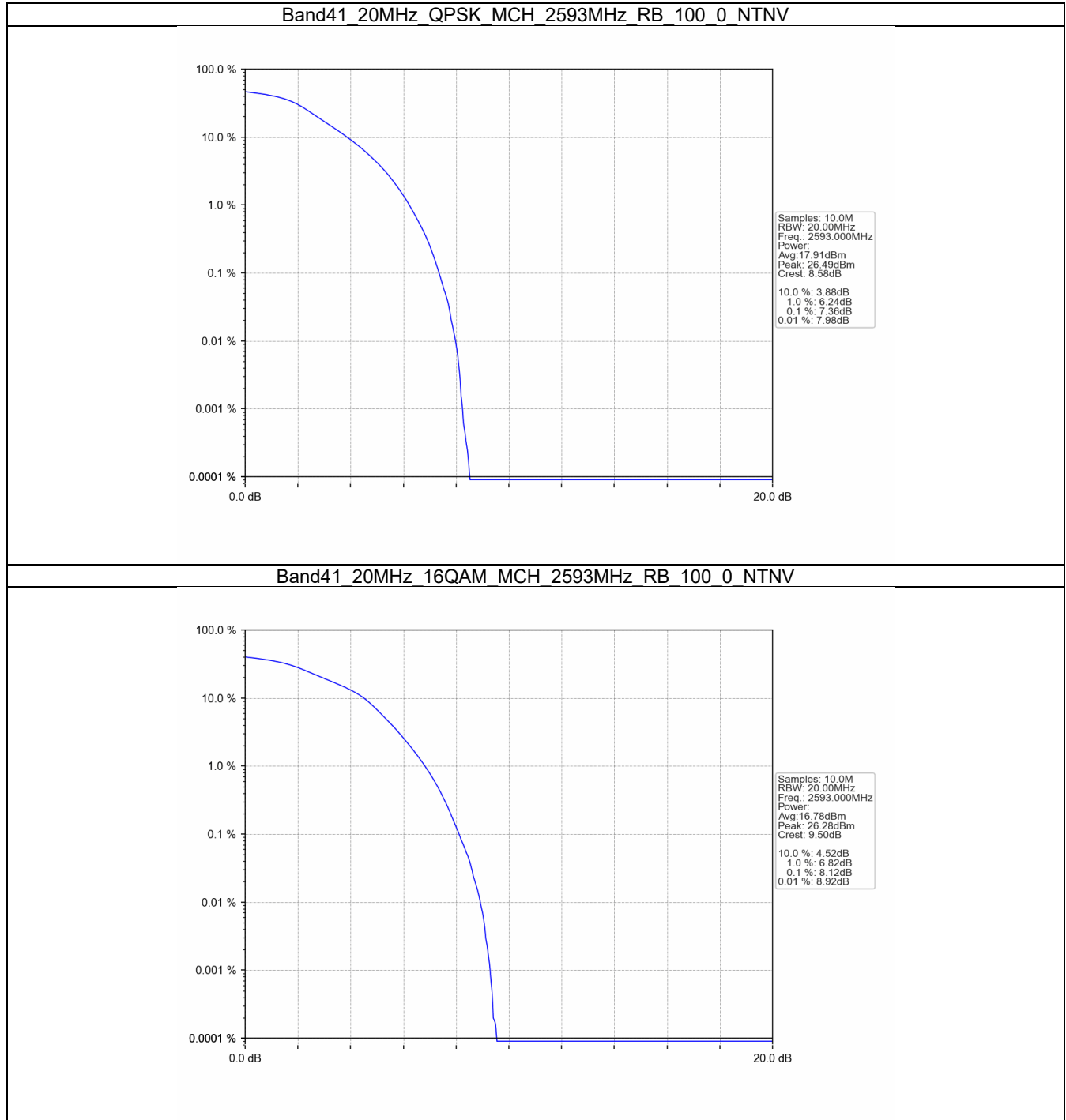
4.1 Test Result

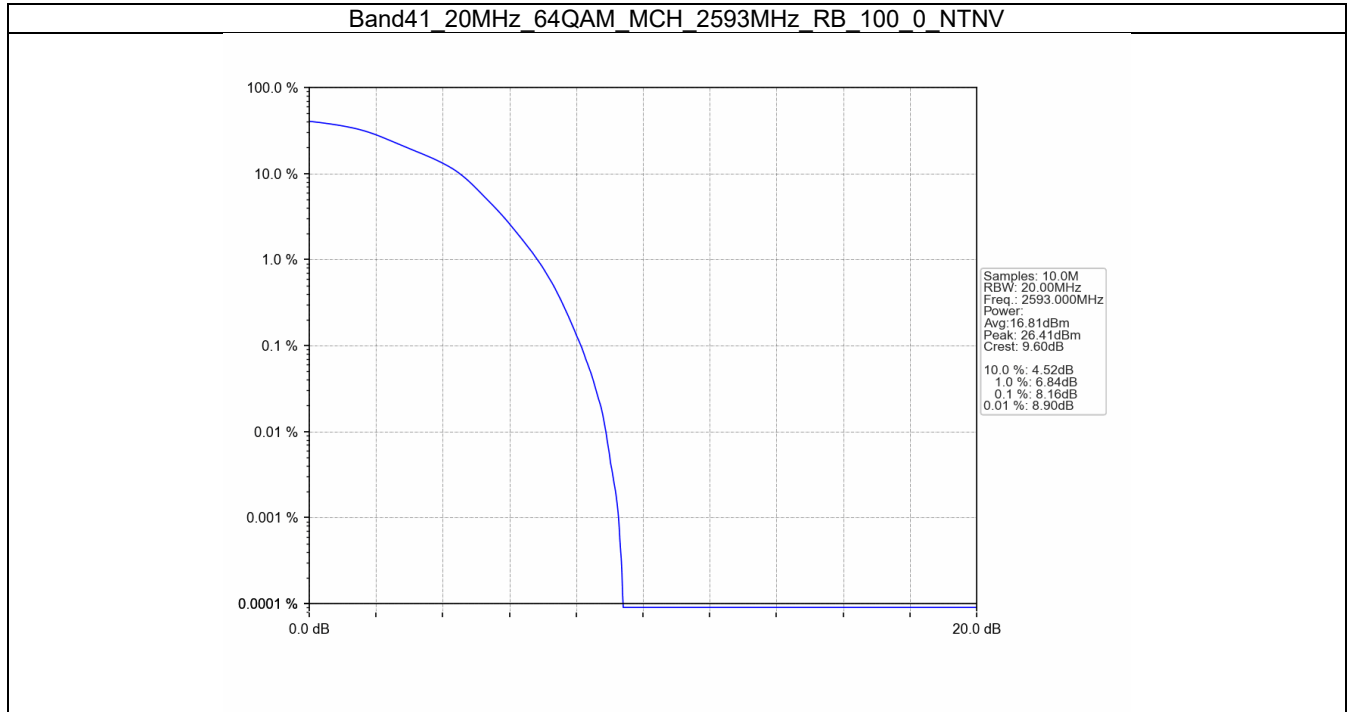
4.1.1 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.36	<=13	Pass
16QAM	2593	100	0	8.12	<=13	Pass
64QAM	2593	100	0	8.16	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz







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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 / NTV						
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

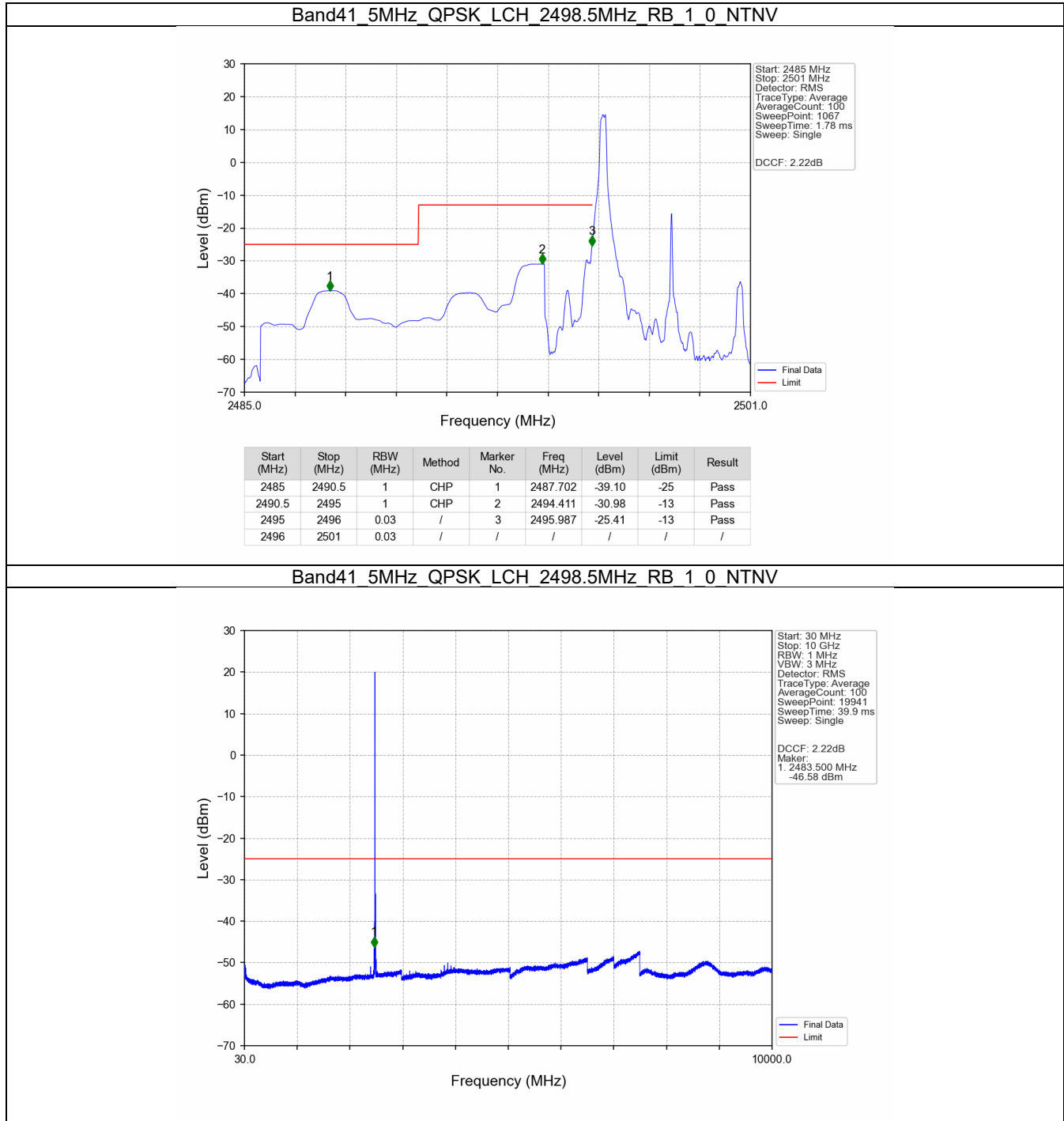
Band: 41 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency	RB Allocation		Spurious Emission	Verdict



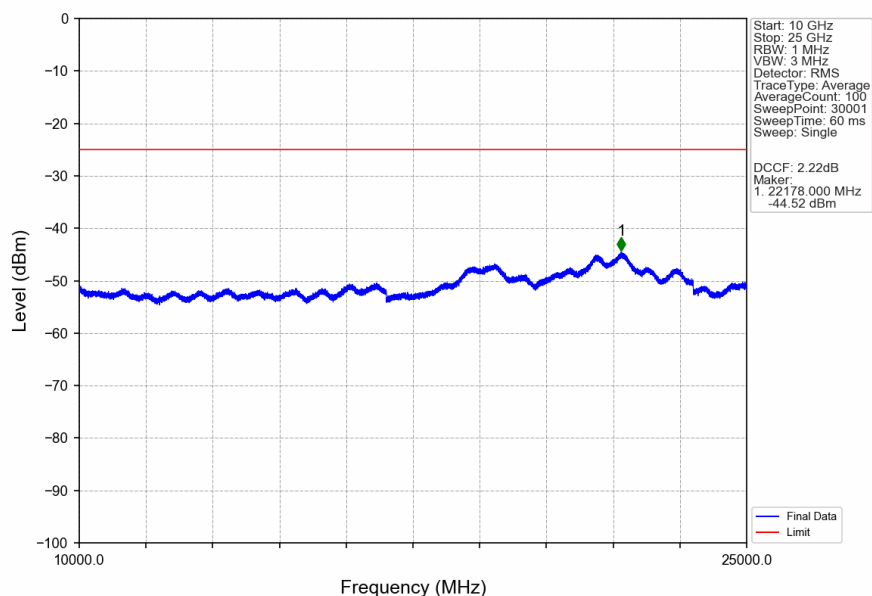
	(MHz)	Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

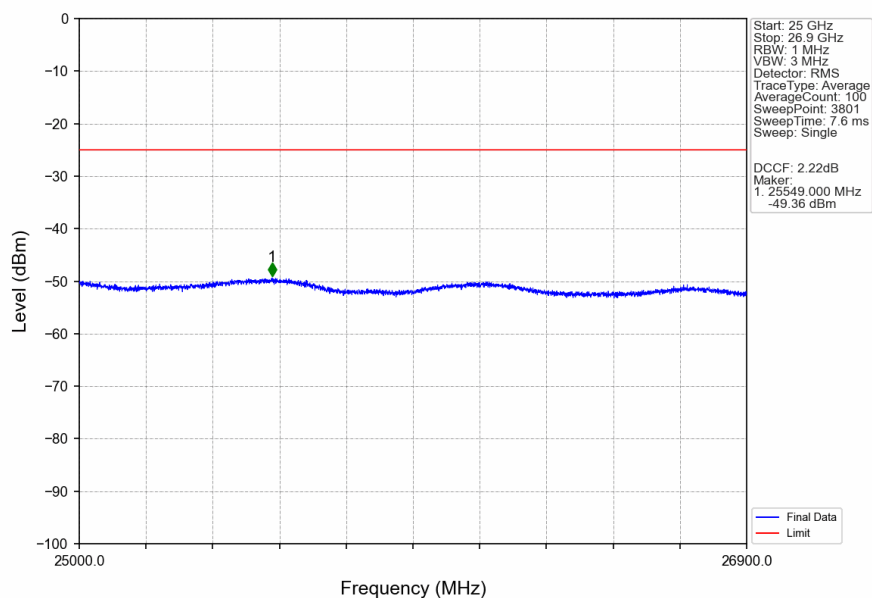
5.2.1 B41_5MHz



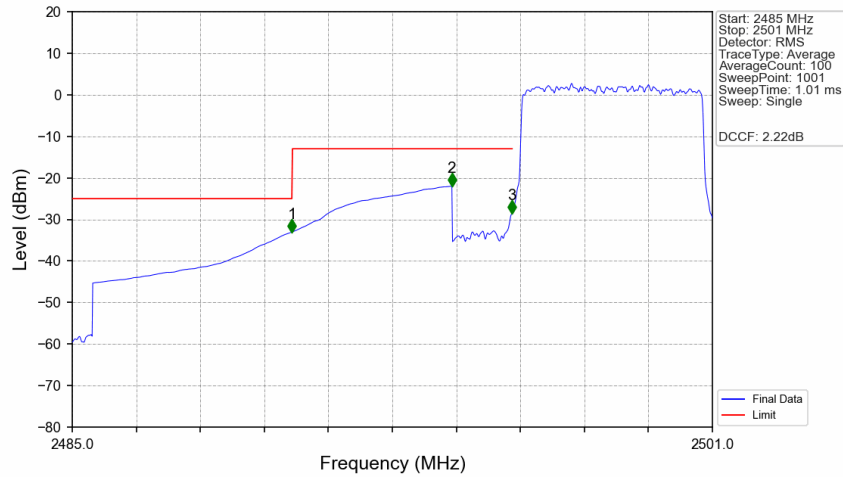
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

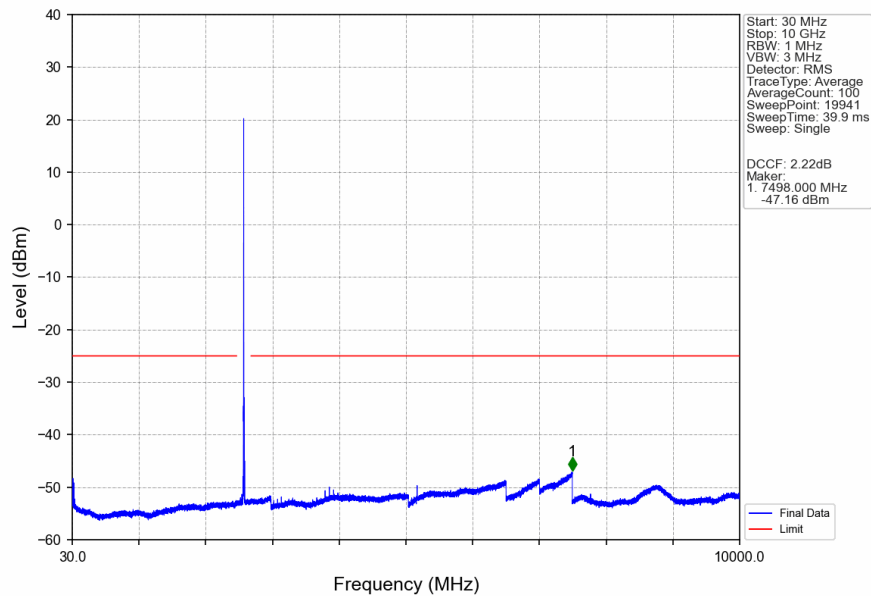


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



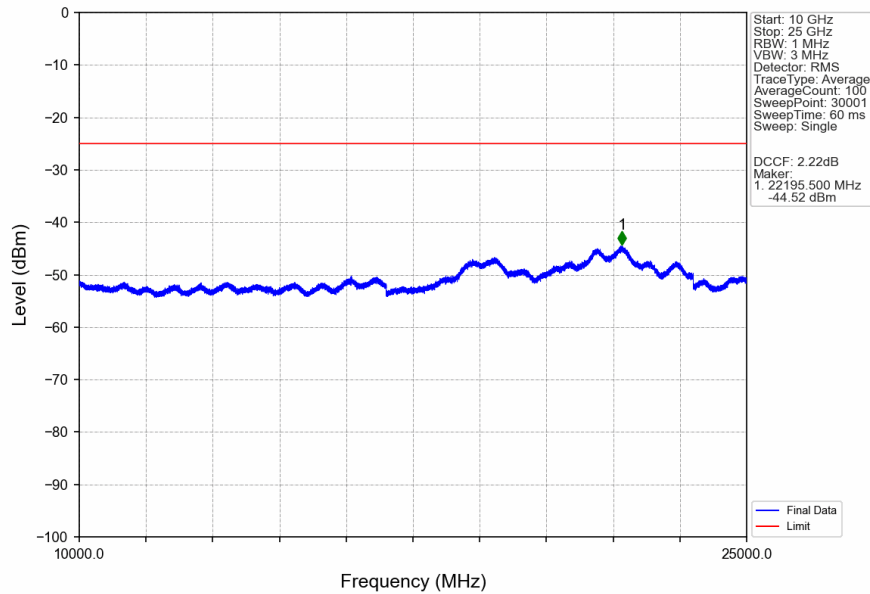
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.488	-33.06	-25	Pass
2490.5	2495	1	CHP	2	2494.488	-21.96	-13	Pass
2495	2496	0.05	/	3	2495.992	-28.53	-13	Pass
2496	2501	0.05	/	/	/	/	/	/

Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV

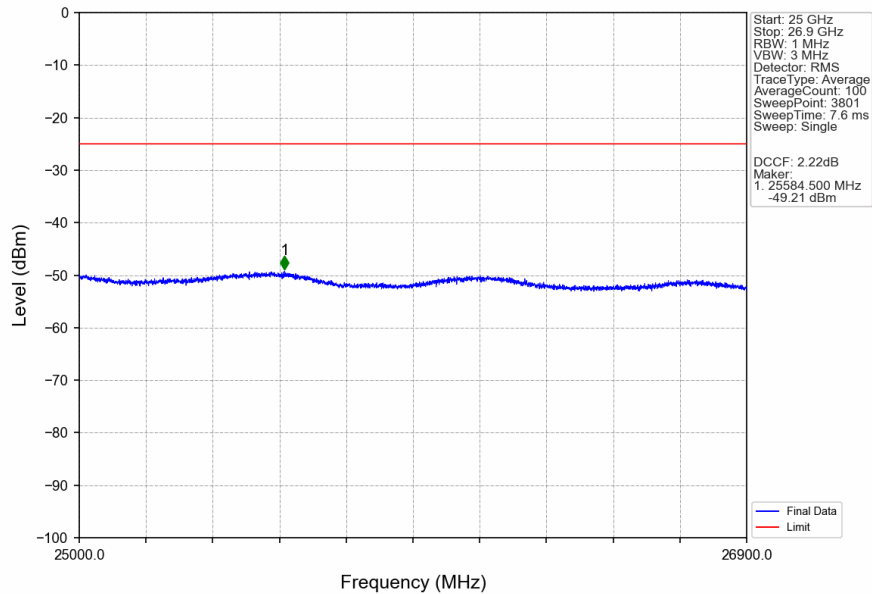




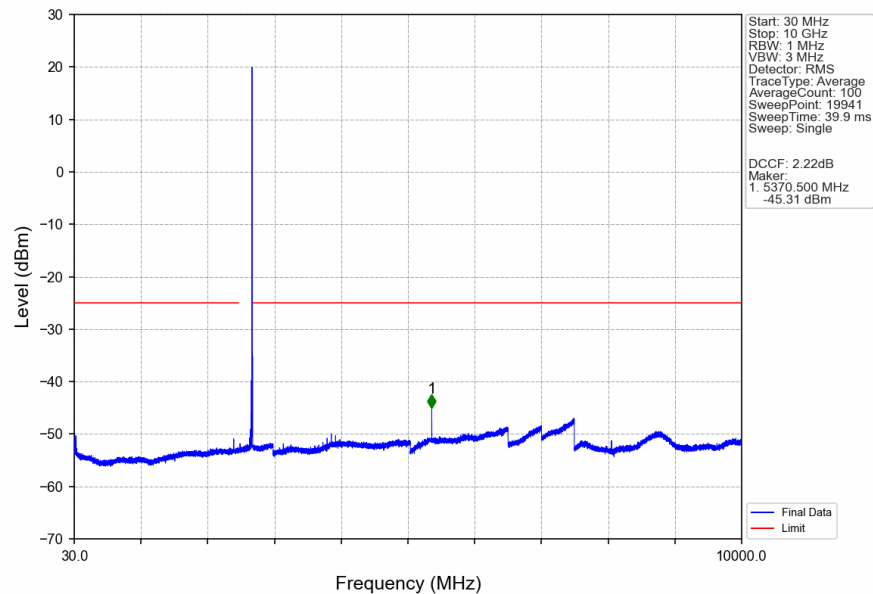
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



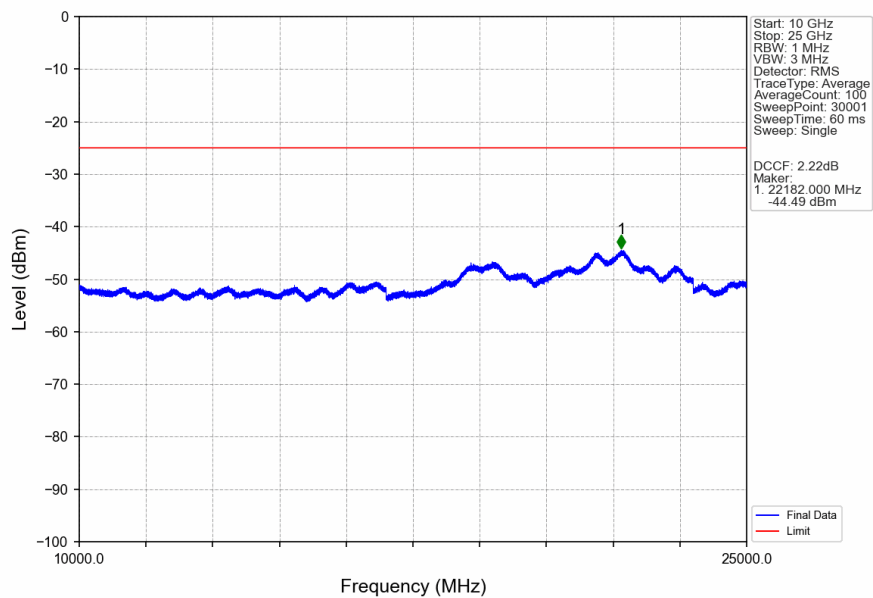
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



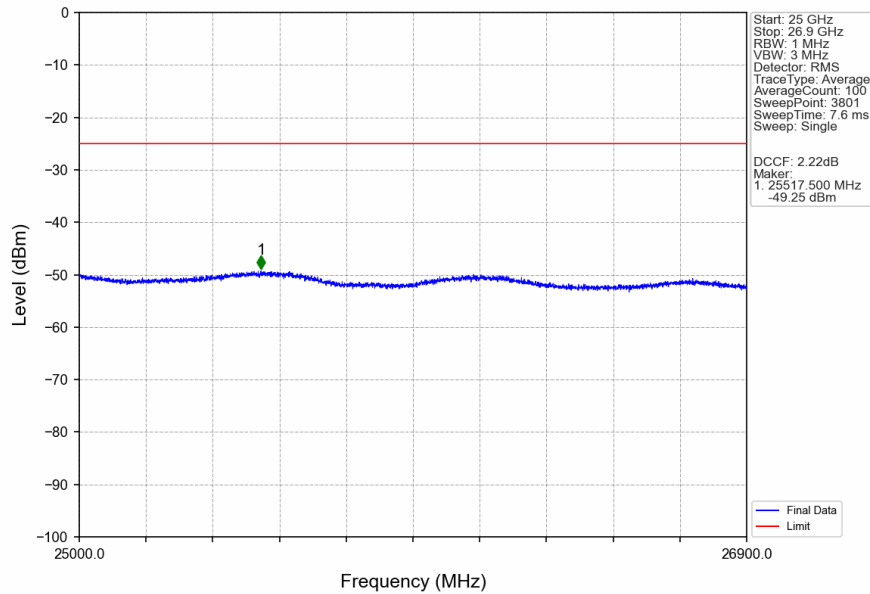
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



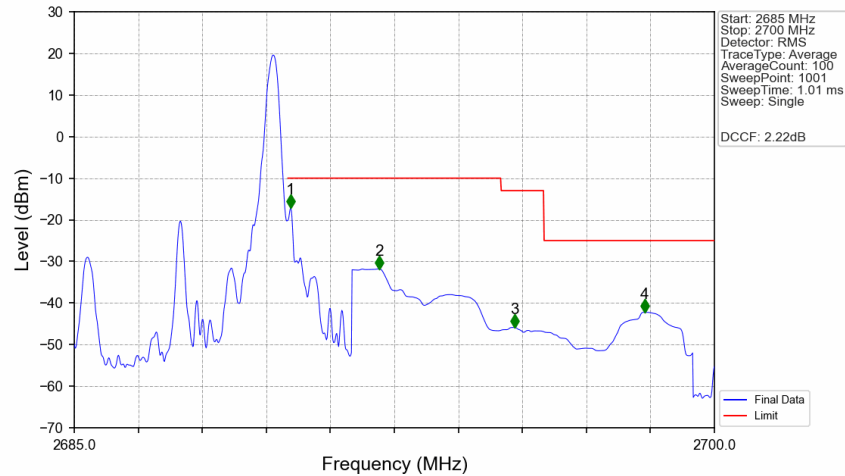
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

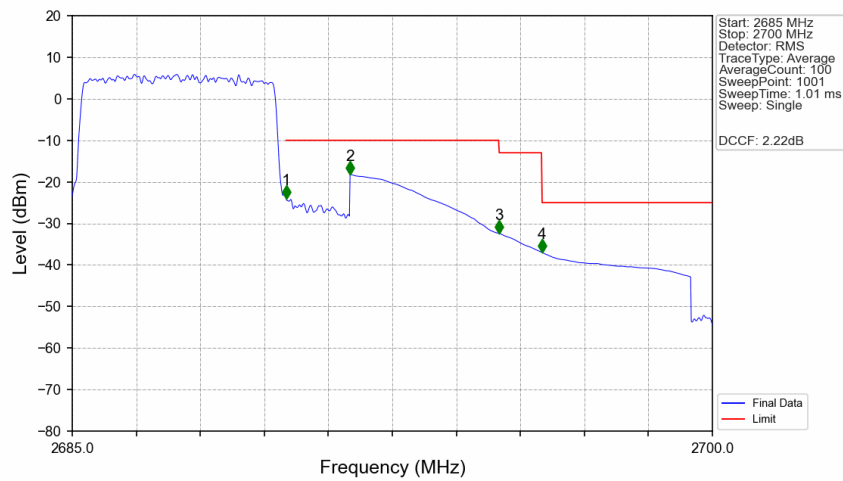


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.070	-17.16	-10	Pass
2691	2695	1	CHP	2	2692.140	-31.80	-10	Pass
2695	2696	1	CHP	3	2695.320	-45.87	-13	Pass
2696	2700	1	CHP	4	2698.365	-42.24	-25	Pass

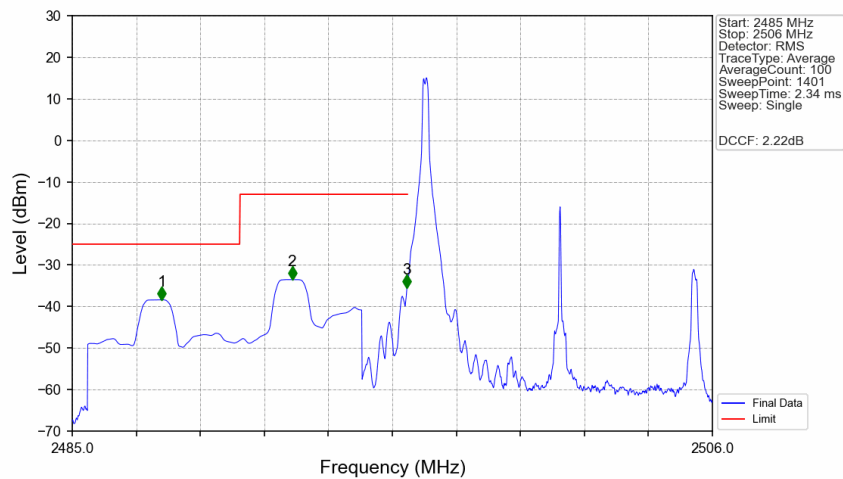
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.010	-24.06	-10	Pass
2691	2695	1	CHP	2	2691.510	-18.19	-10	Pass
2695	2696	1	CHP	3	2695.005	-32.43	-13	Pass
2696	2700	1	CHP	4	2696.010	-37.02	-25	Pass

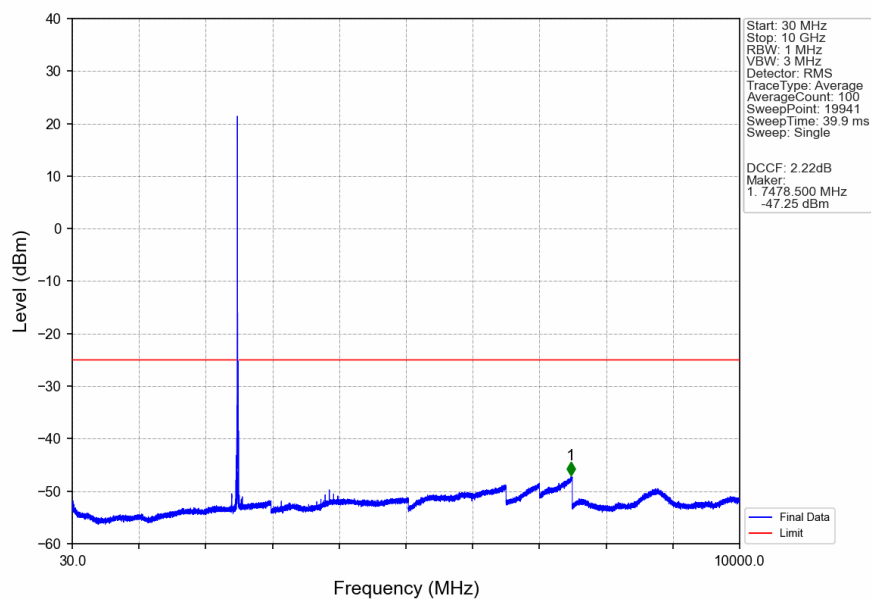
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

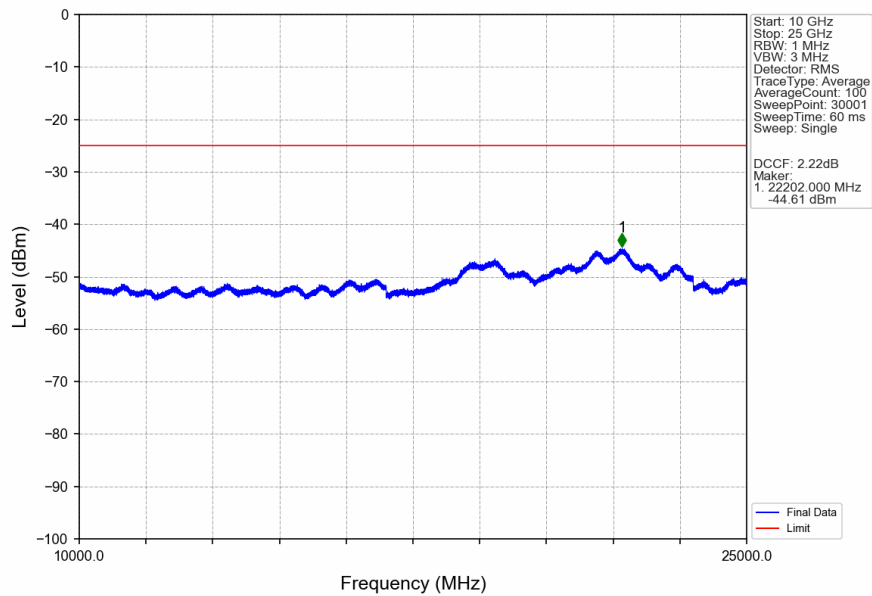


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.940	-38.39	-25	Pass
2490.5	2495	1	CHP	2	2492.215	-33.51	-13	Pass
2495	2496	0.03	/	3	2495.980	-35.43	-13	Pass
2496	2506	0.03	/	/	/	/	/	/

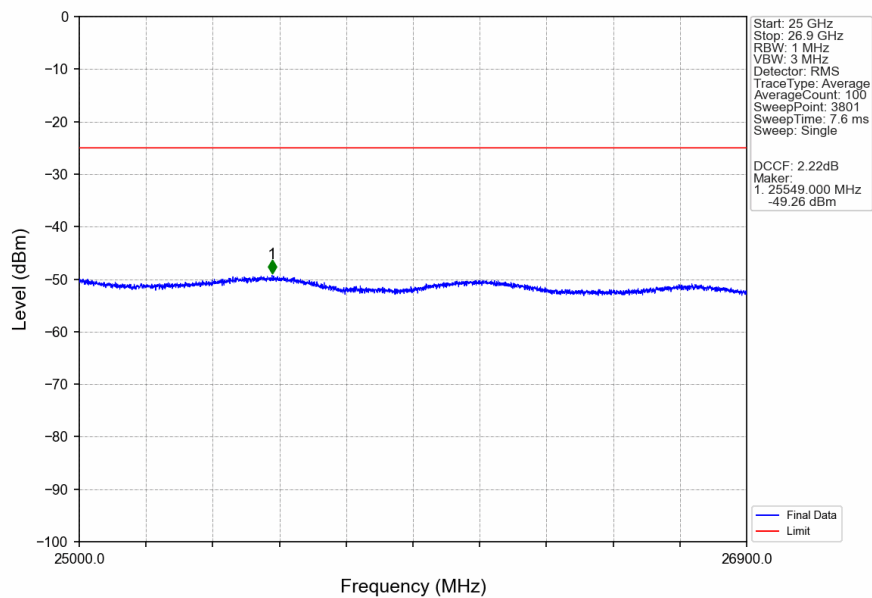
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



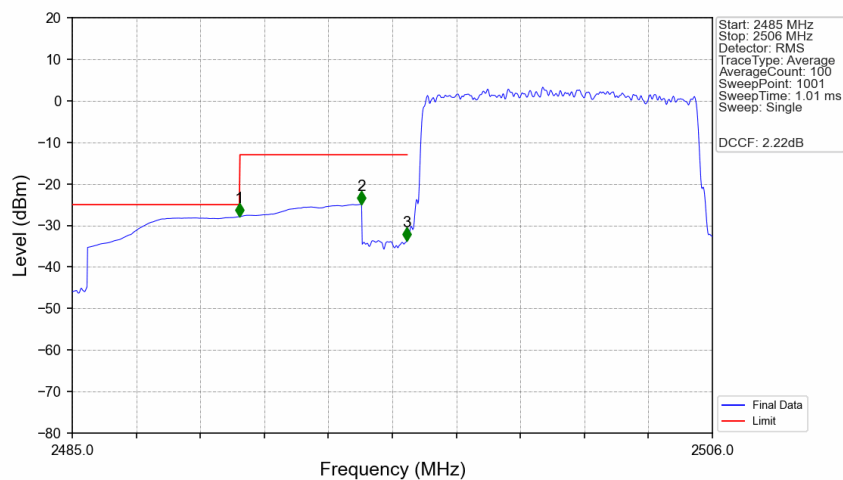
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

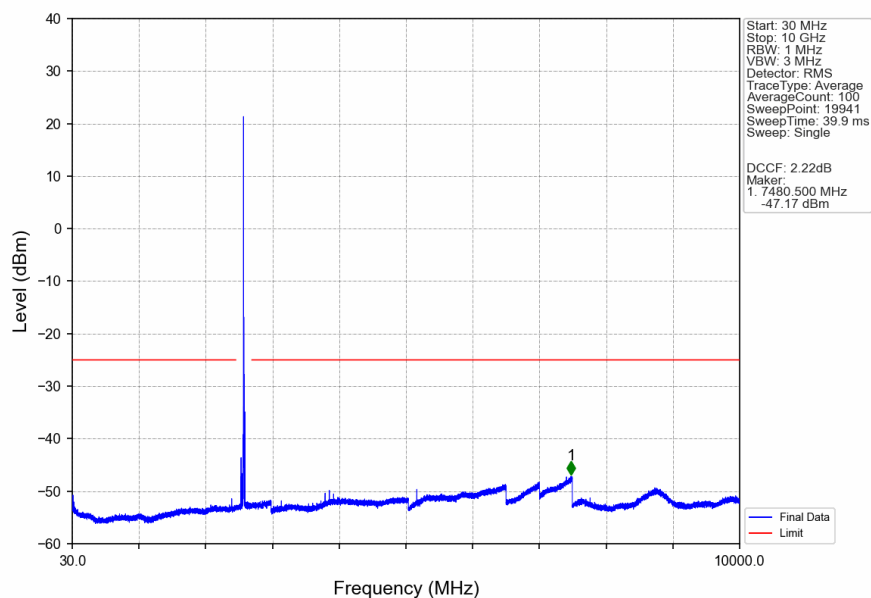


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

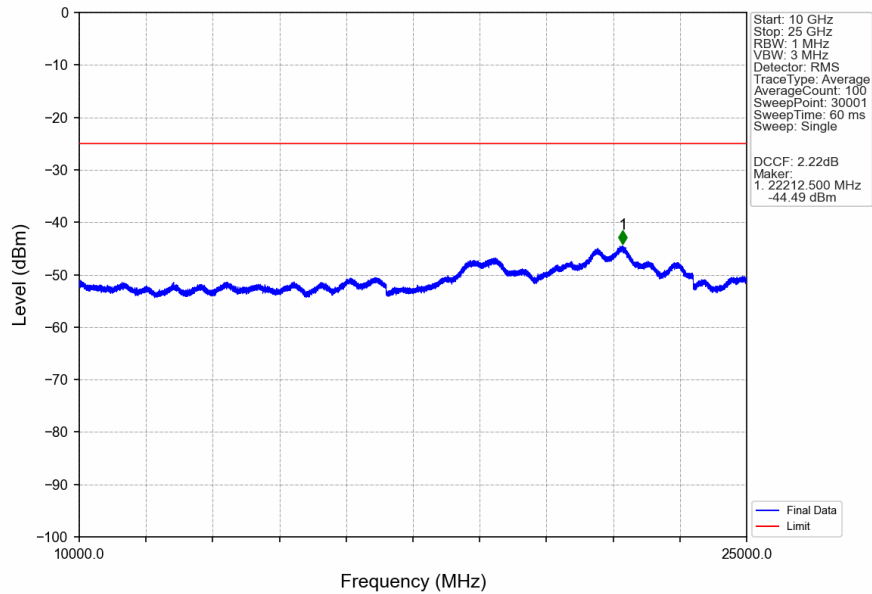


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-27.91	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-24.90	-13	Pass
2495	2496	0.1	/	3	2495.983	-33.66	-13	Pass
2496	2506	0.1	/	/	/	/	/	/

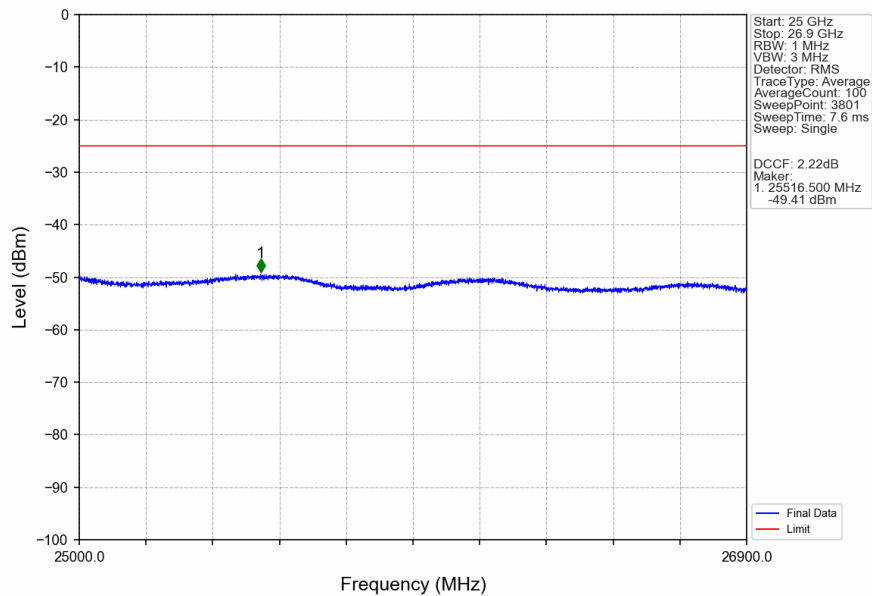
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



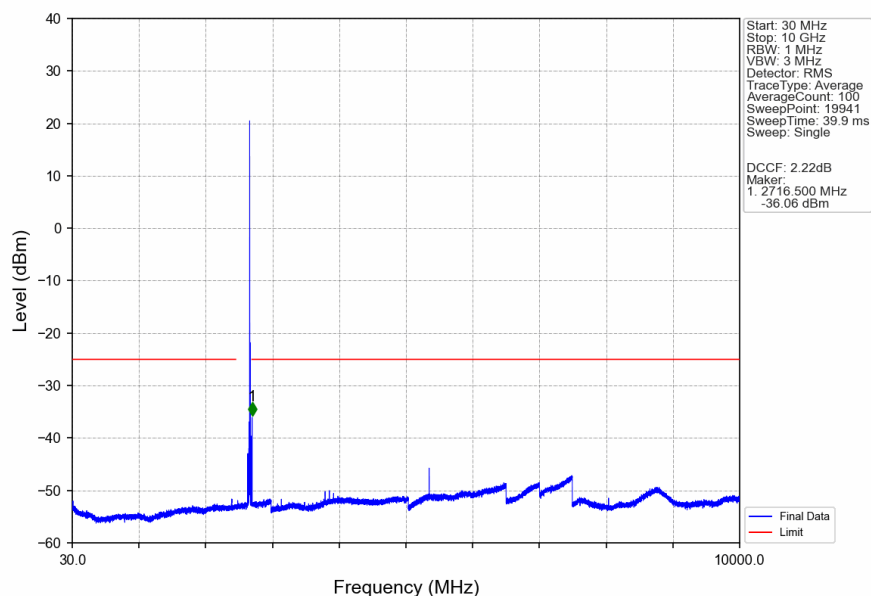
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



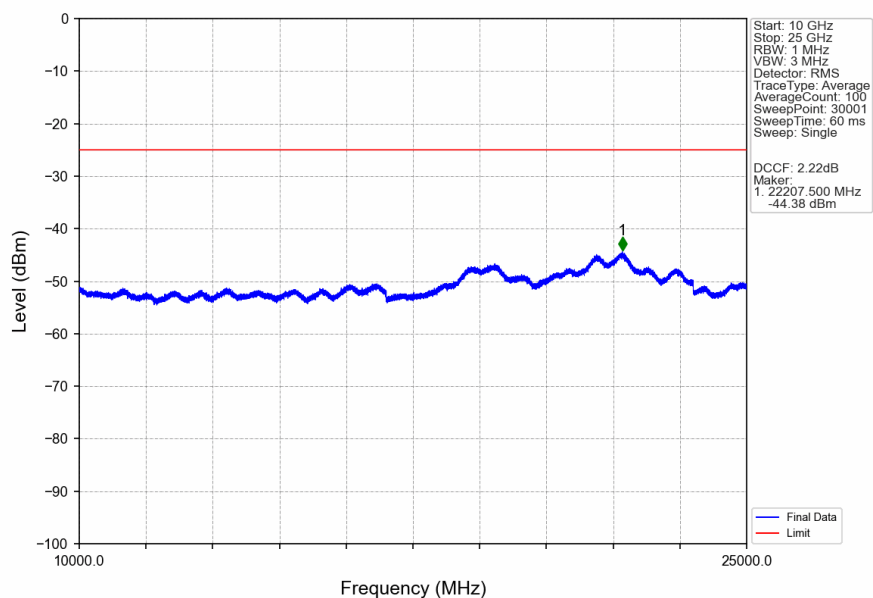
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



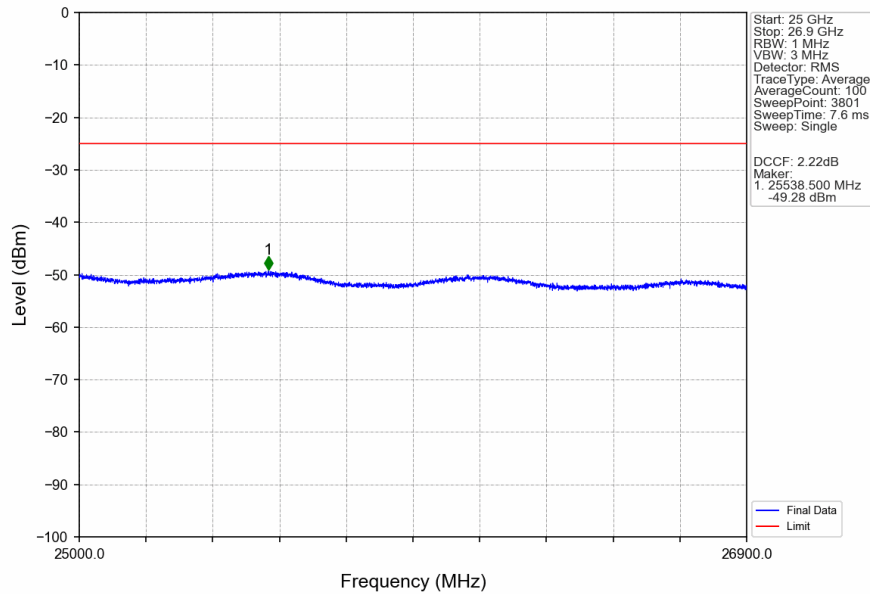
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



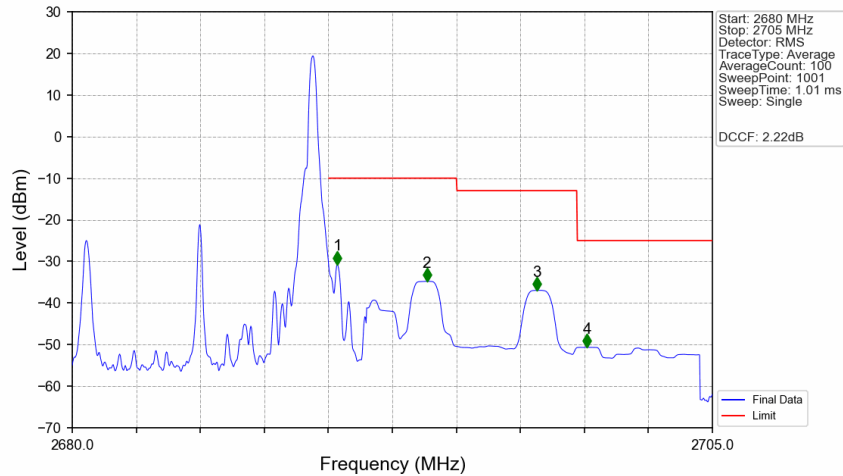
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

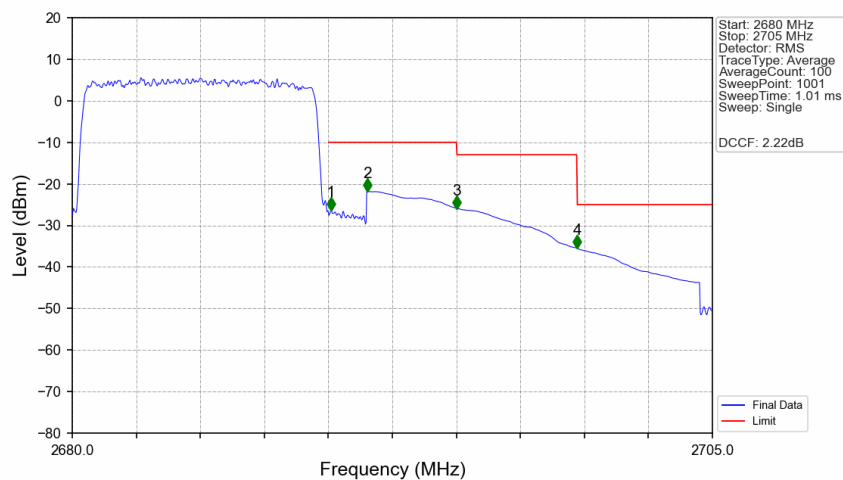


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



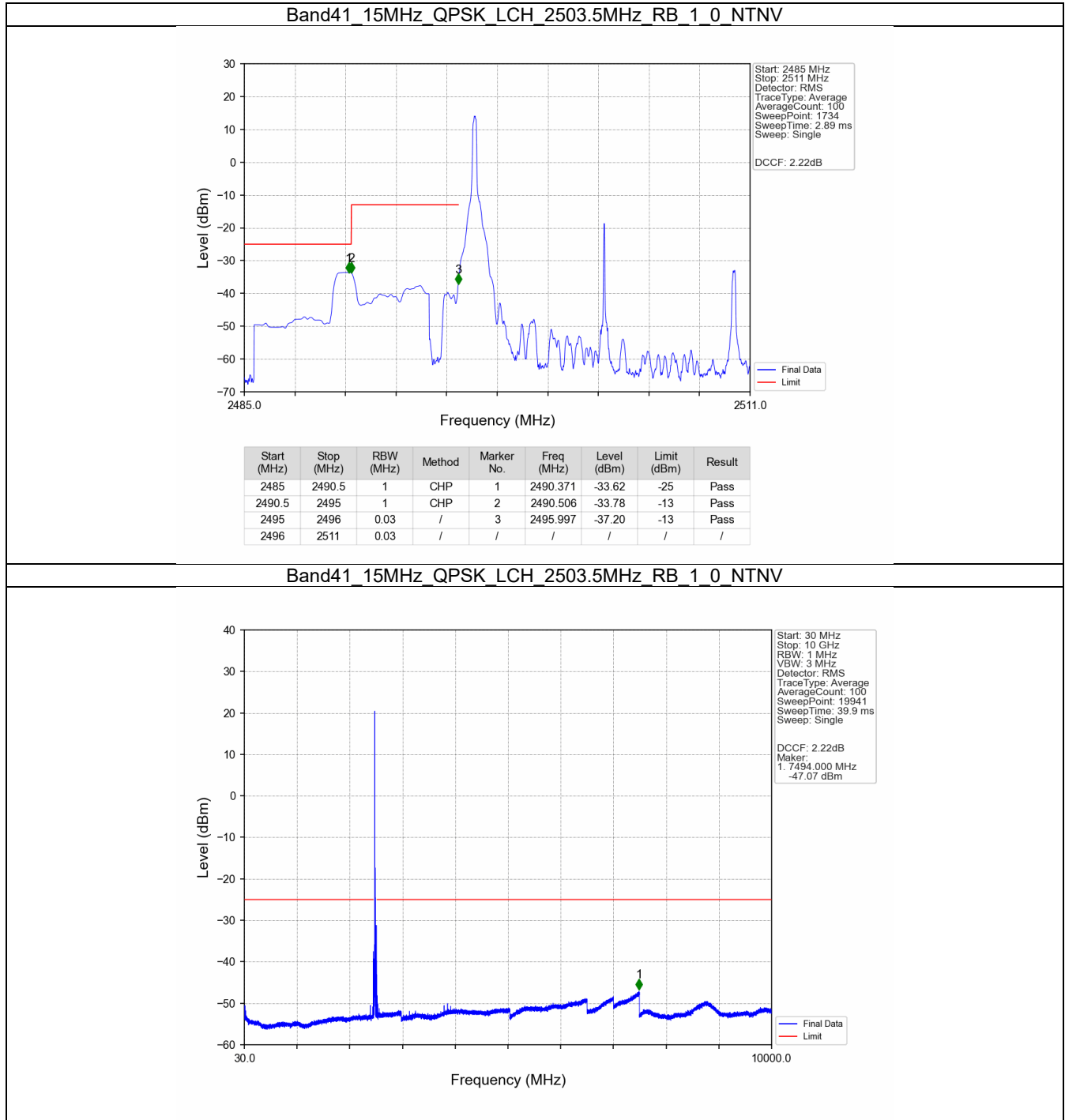
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.350	-30.69	-10	Pass
2691	2695	1	CHP	2	2693.850	-34.78	-10	Pass
2695	2699.712	1	CHP	3	2698.150	-36.96	-13	Pass
2699.712	2705	1	CHP	4	2700.100	-50.64	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

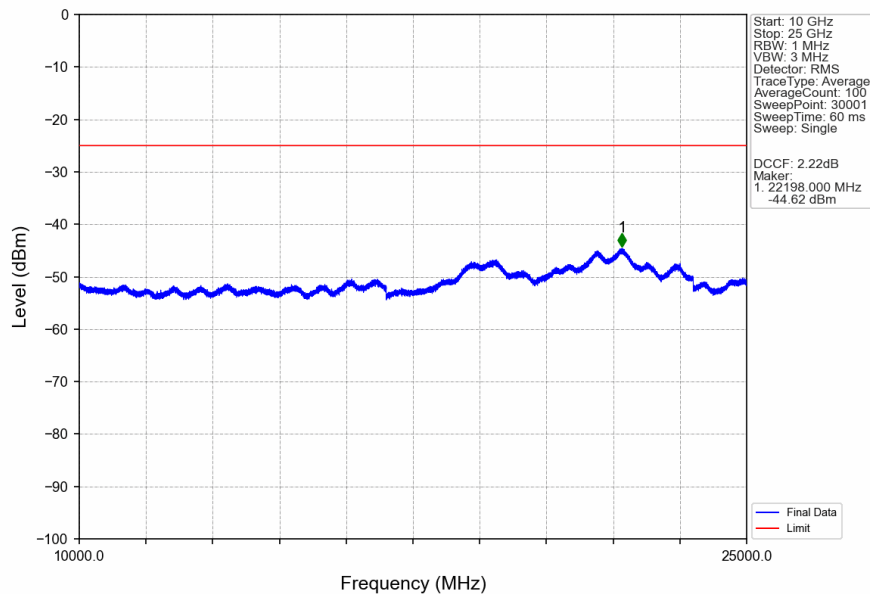


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.100	-26.33	-10	Pass
2691	2695	1	CHP	2	2691.525	-21.82	-10	Pass
2695	2699.712	1	CHP	3	2695.025	-25.95	-13	Pass
2699.712	2705	1	CHP	4	2699.725	-35.55	-25	Pass

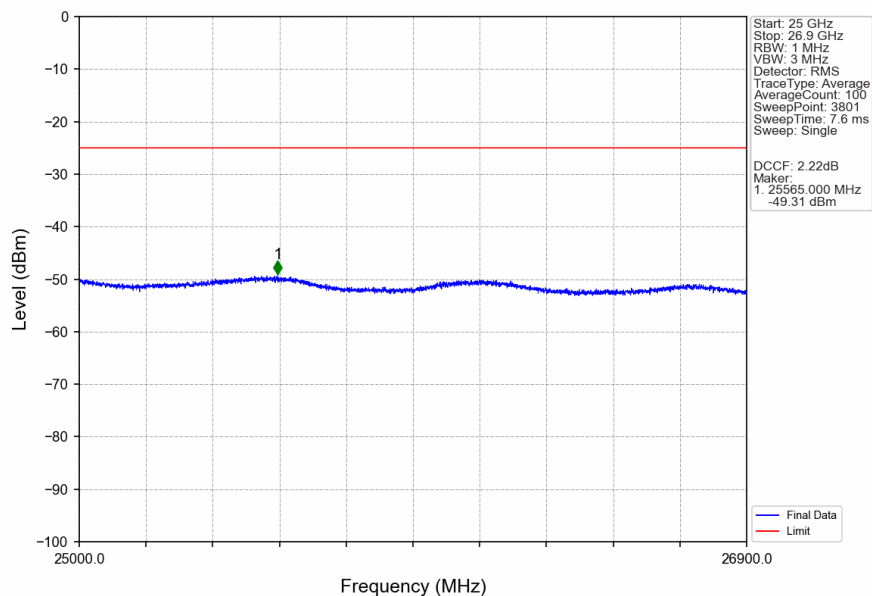
5.2.3 B41_15MHz



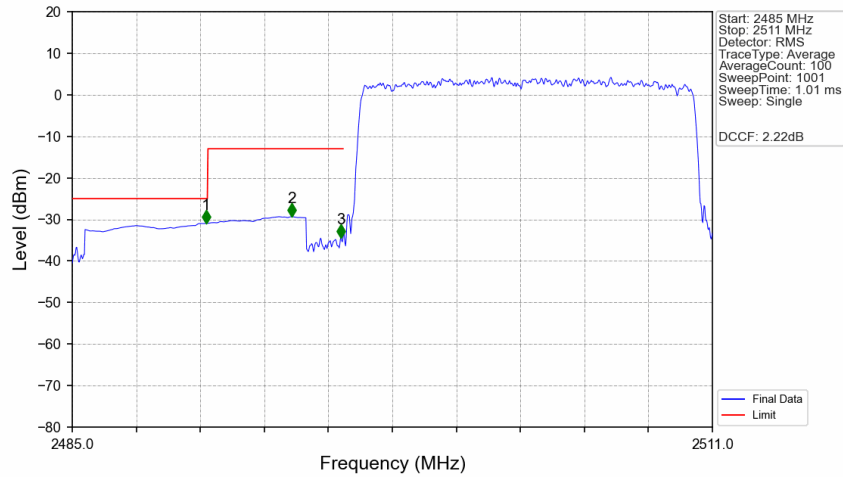
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

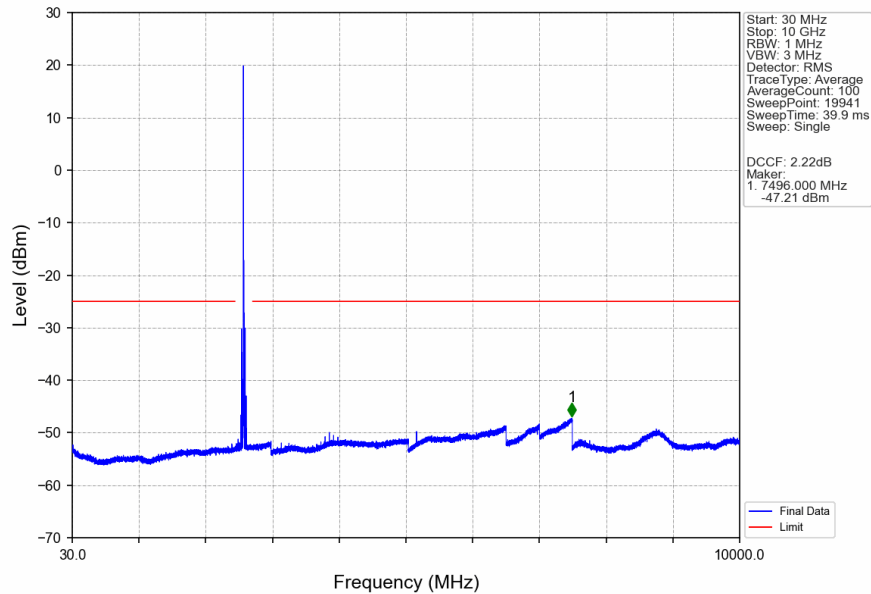


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

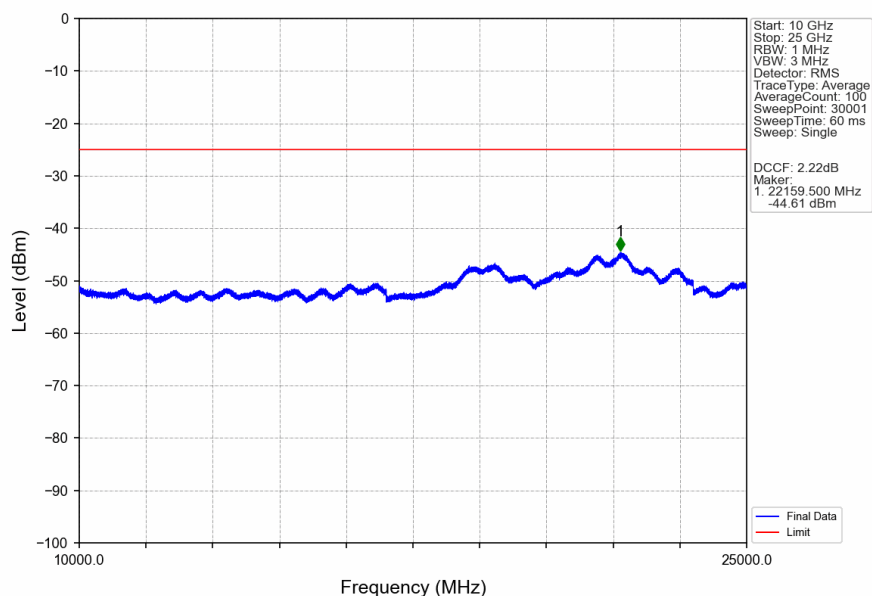


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.434	-30.93	-25	Pass
2490.5	2495	1	CHP	2	2493.918	-29.34	-13	Pass
2495	2496	0.2	/	3	2495.920	-34.38	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

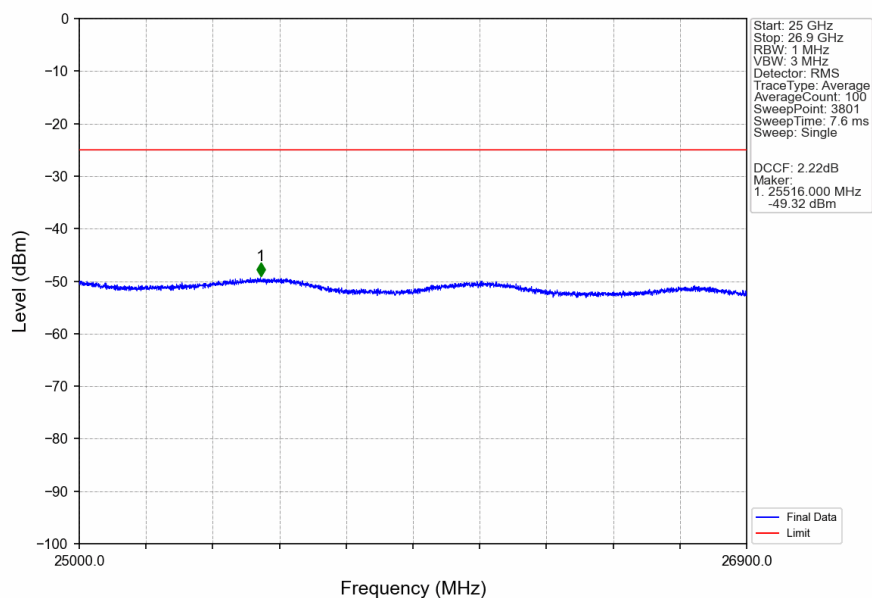
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



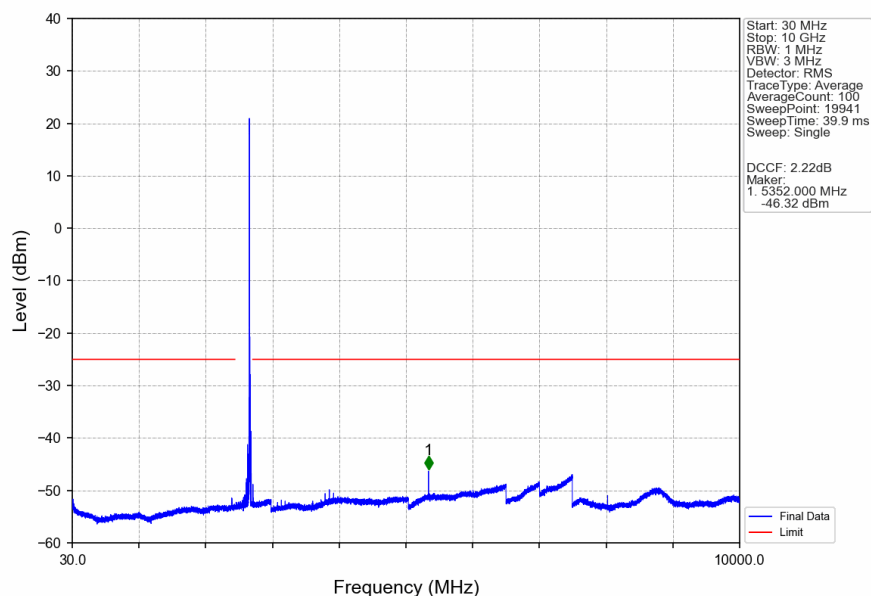
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



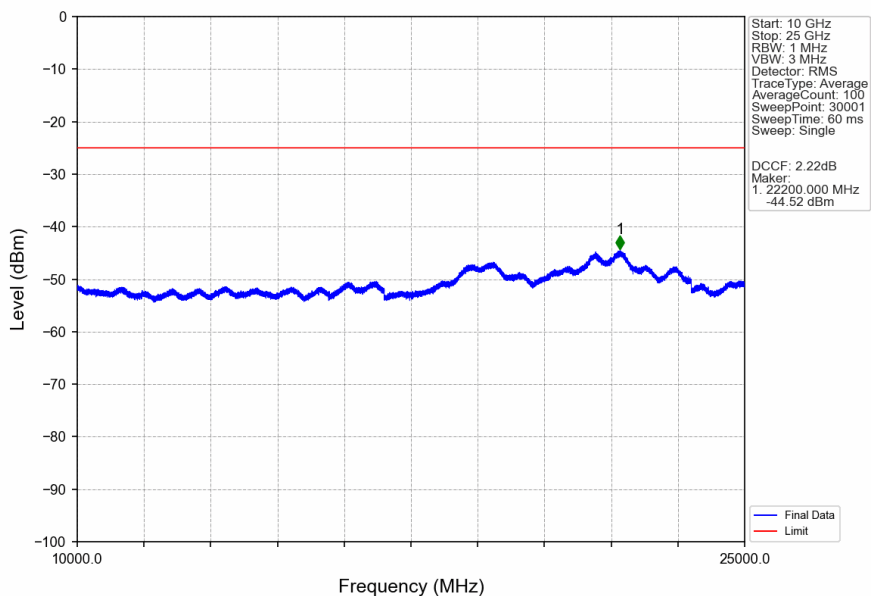
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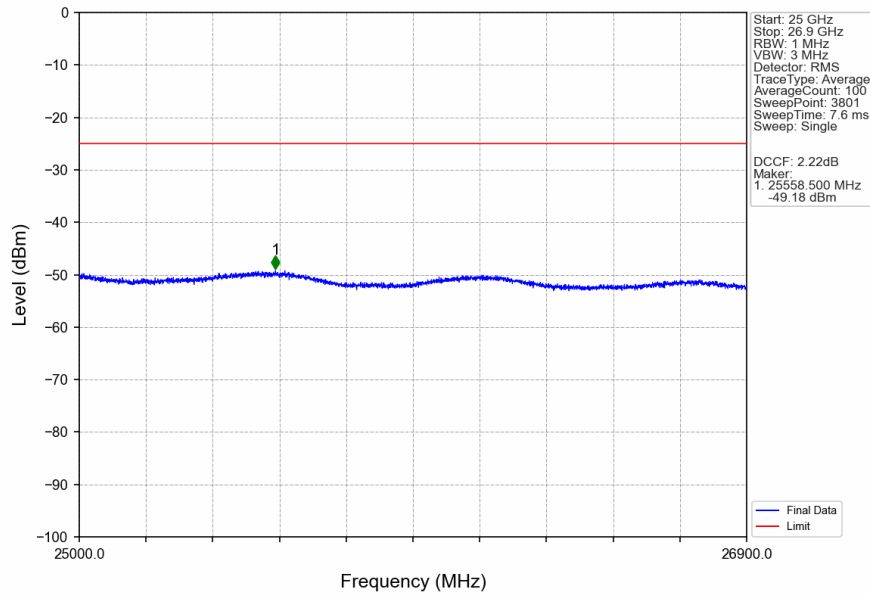
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



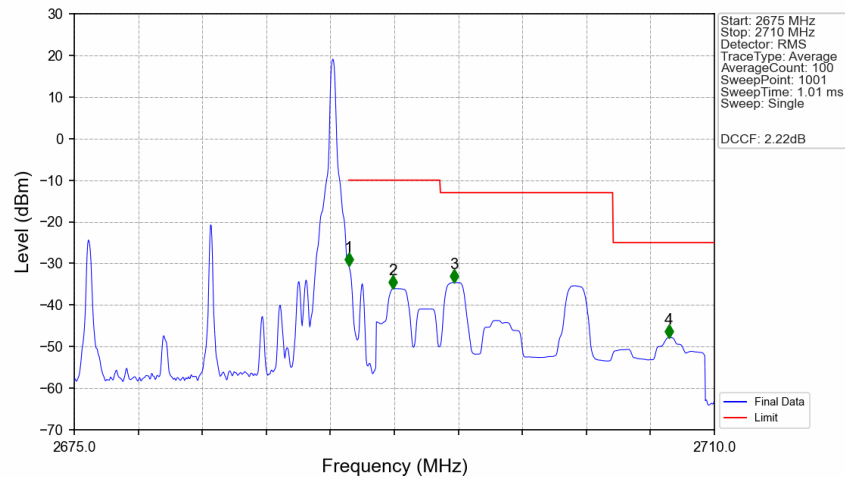
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



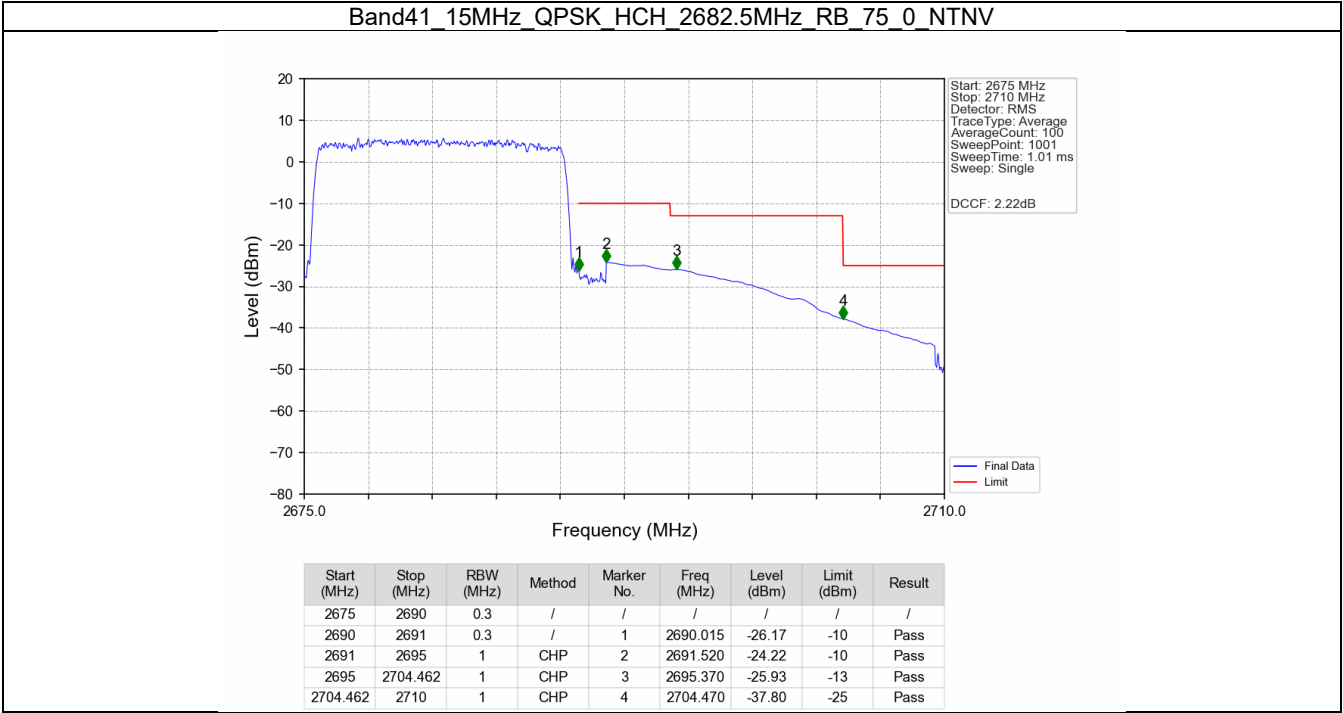
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV

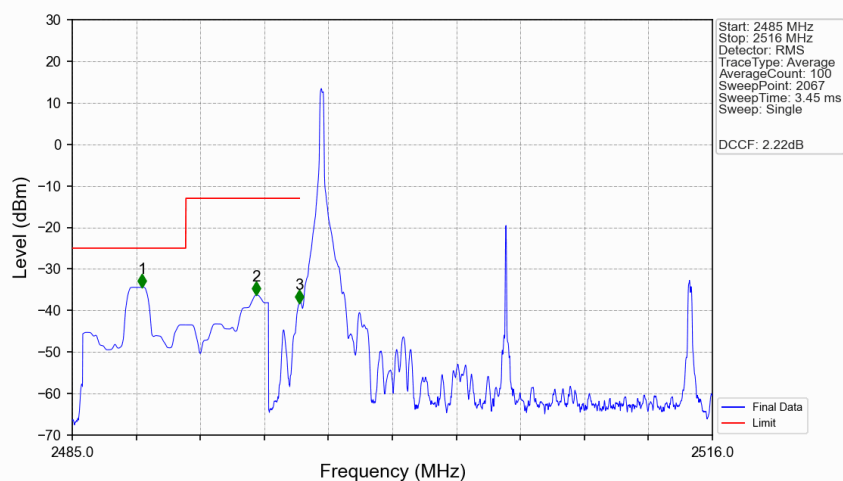


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.015	-30.57	-10	Pass
2691	2695	1	CHP	2	2692.430	-36.01	-10	Pass
2695	2704.462	1	CHP	3	2695.755	-34.61	-13	Pass
2704.462	2710	1	CHP	4	2707.515	-47.84	-25	Pass



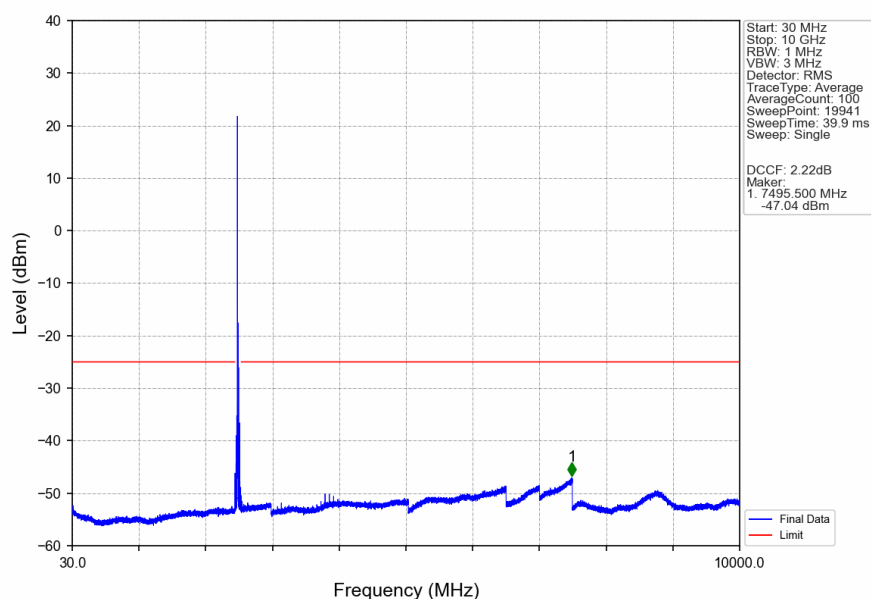
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

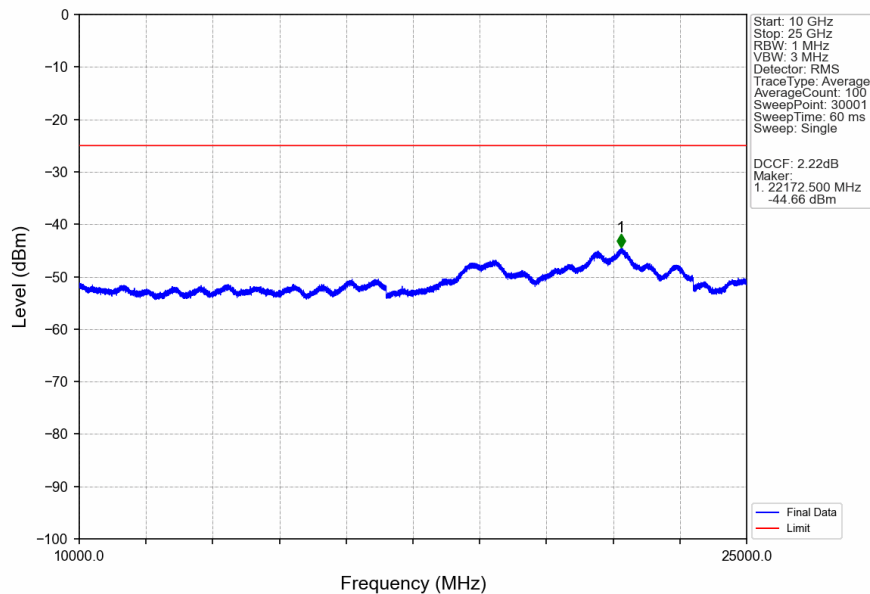


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.376	-34.40	-25	Pass
2490.5	2495	1	CHP	2	2493.913	-36.30	-13	Pass
2495	2496	0.03	/	3	2495.999	-38.29	-13	Pass
2496	2516	0.03	/	/	/	/	/	/

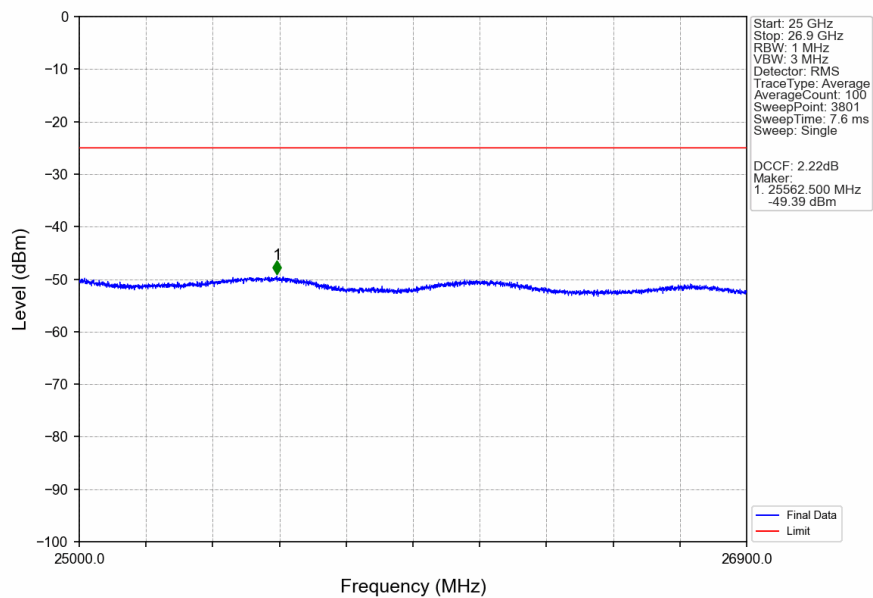
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



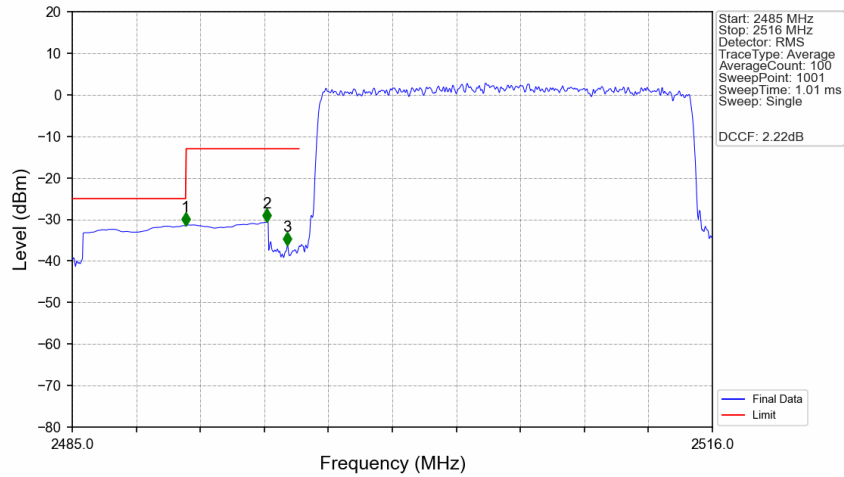
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

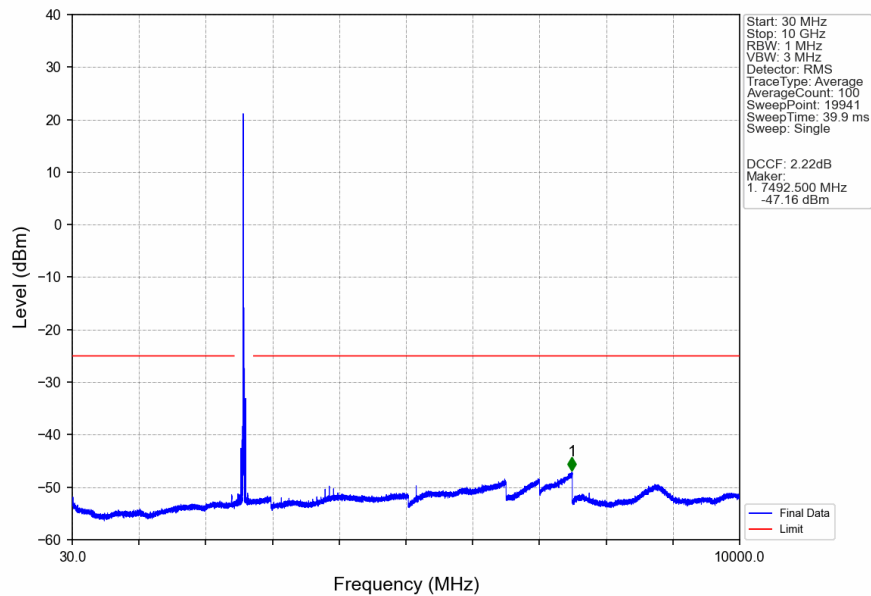


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

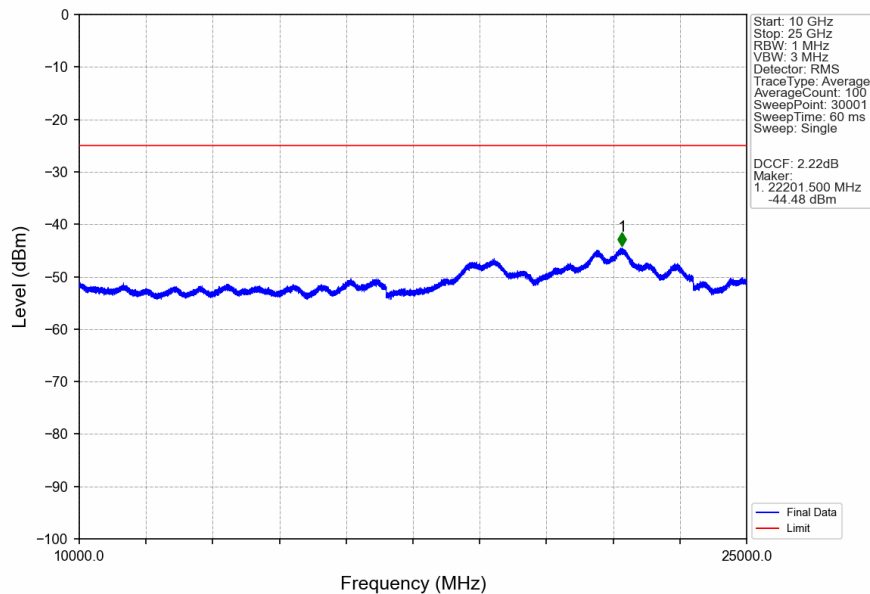


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-31.48	-25	Pass
2490.5	2495	1	CHP	2	2494.424	-30.66	-13	Pass
2495	2496	0.2	/	3	2495.416	-36.31	-13	Pass
2496	2516	0.2	/	/	/	/	/	/

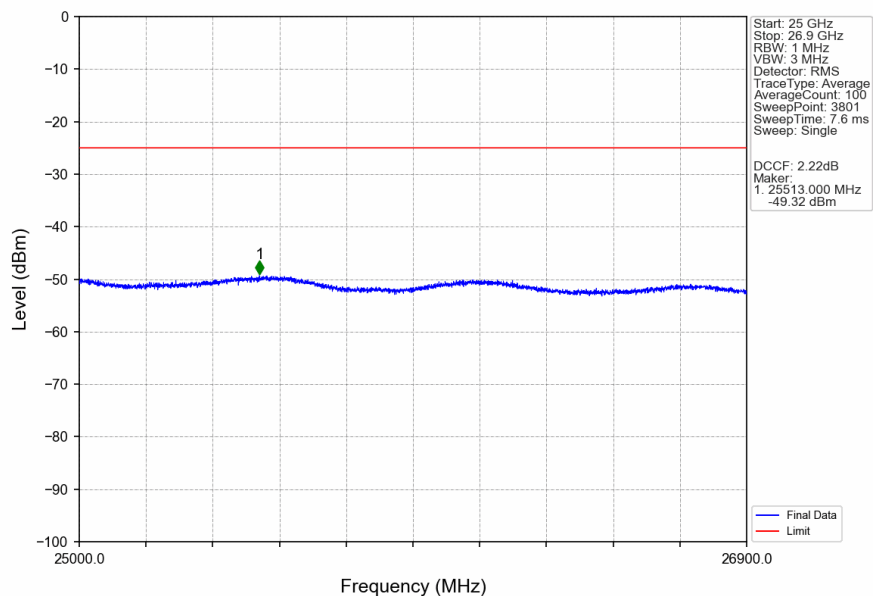
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



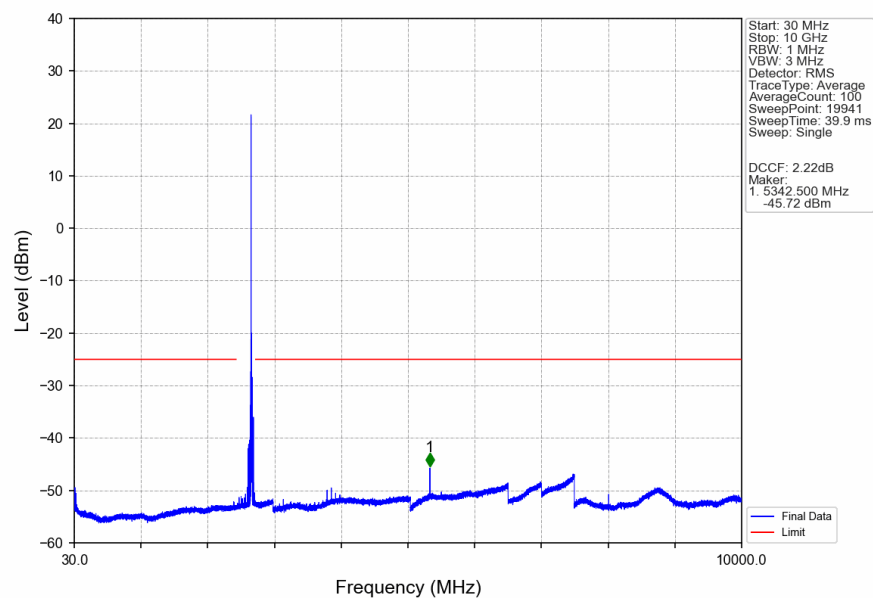
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



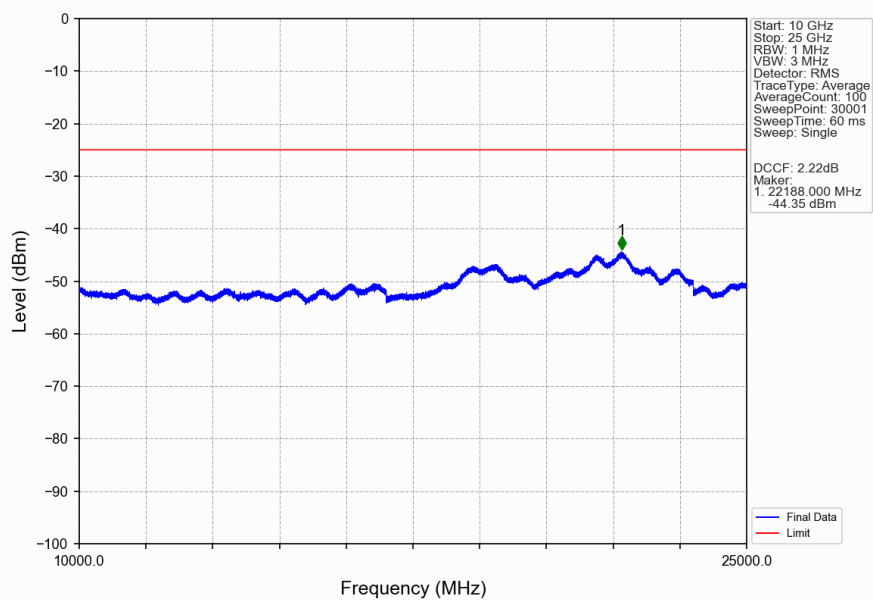
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



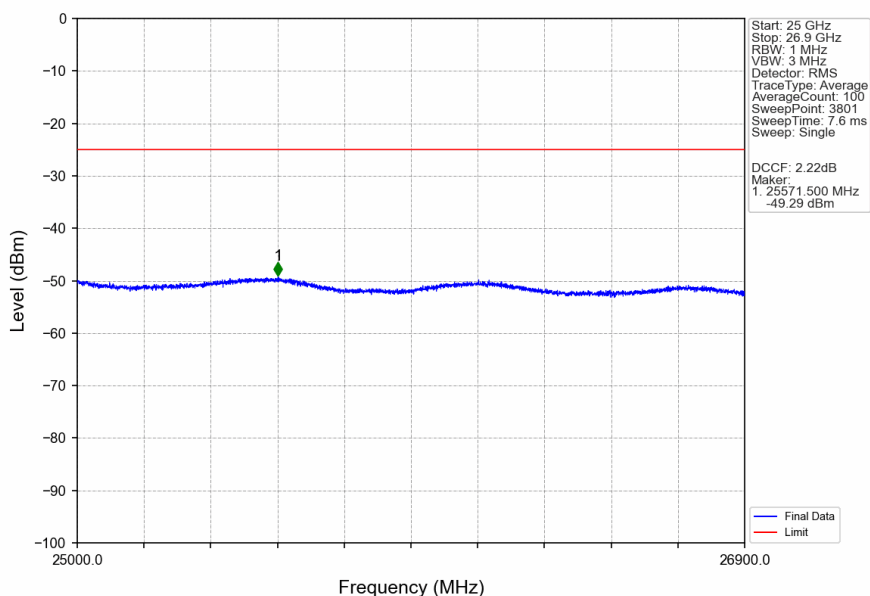
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



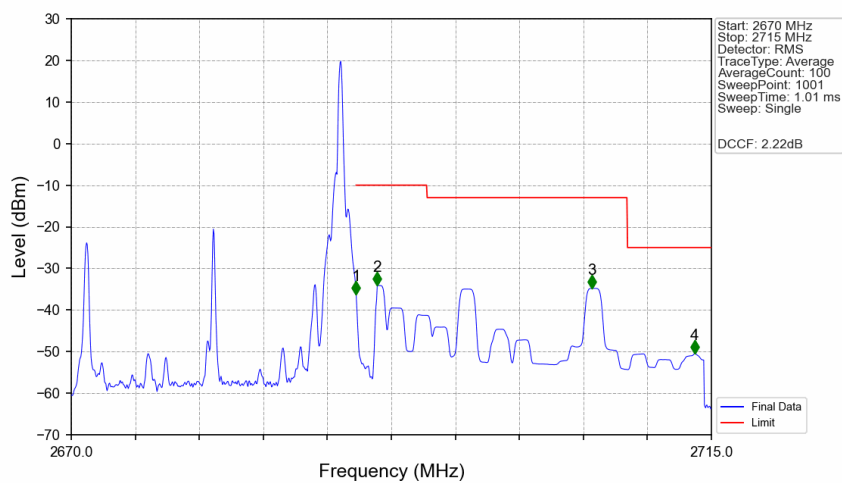
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



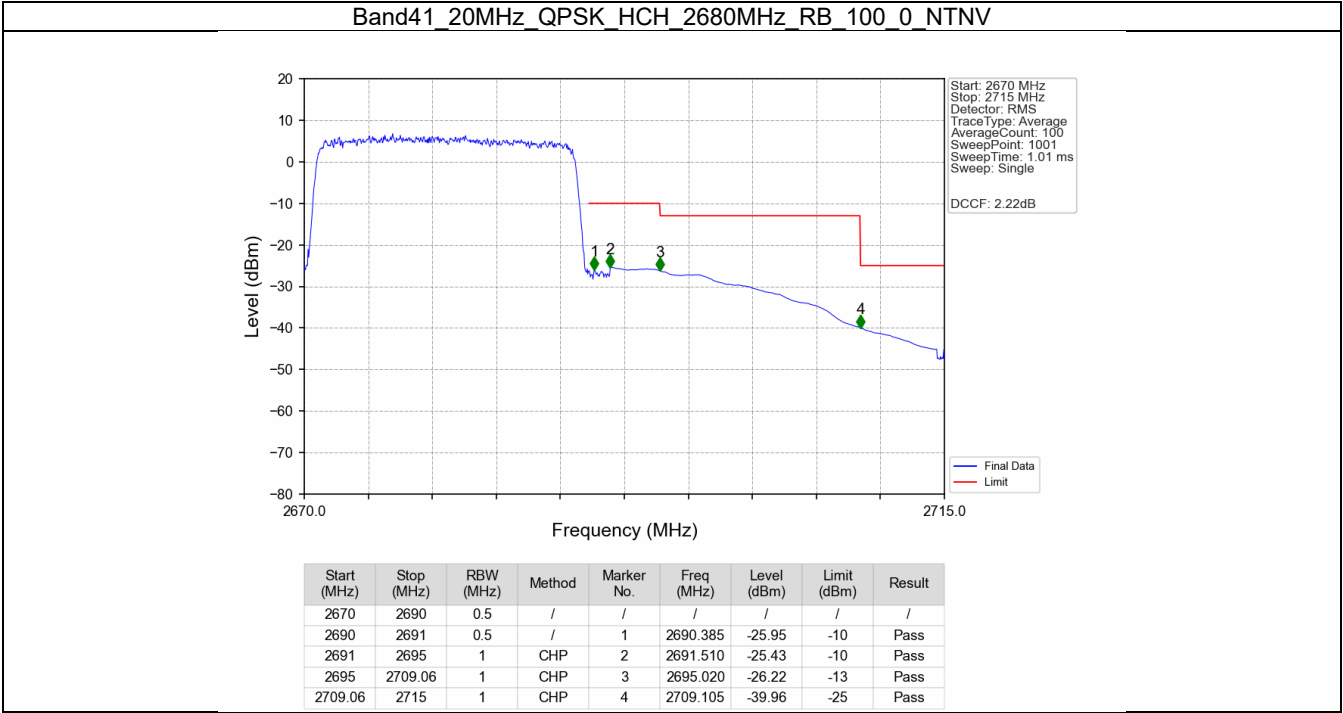
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



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	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-36.25	-10	Pass
2691	2695	1	CHP	2	2691.510	-34.10	-10	Pass
2695	2709.06	1	CHP	3	2706.585	-34.81	-13	Pass
2709.06	2715	1	CHP	4	2713.830	-50.43	-25	Pass



---End of Attachment---