

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42a_5MHz_EIRP

Band: 42a / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3452.5	1	0	25.56	-2.50	23.06	<=30	Pass
			13	25.43	-2.50	22.93	<=30	Pass
			24	25.48	-2.50	22.98	<=30	Pass
		12	0	24.62	-2.50	22.12	<=30	Pass
			6	24.76	-2.50	22.26	<=30	Pass
			13	24.72	-2.50	22.22	<=30	Pass
		25	0	24.68	-2.50	22.18	<=30	Pass
	3500	1	0	25.46	-2.50	22.96	<=30	Pass
			13	25.18	-2.50	22.68	<=30	Pass
			24	25.25	-2.50	22.75	<=30	Pass
		12	0	24.47	-2.50	21.97	<=30	Pass
			6	24.43	-2.50	21.93	<=30	Pass
			13	24.29	-2.50	21.79	<=30	Pass
		25	0	24.48	-2.50	21.98	<=30	Pass
	3547.5	1	0	25.16	-2.50	22.66	<=30	Pass
			13	24.72	-2.50	22.22	<=30	Pass
			24	24.75	-2.50	22.25	<=30	Pass
		12	0	24.24	-2.50	21.74	<=30	Pass
			6	24.00	-2.50	21.50	<=30	Pass
			13	23.96	-2.50	21.46	<=30	Pass
		25	0	24.17	-2.50	21.67	<=30	Pass
16QAM	3452.5	1	0	24.81	-2.50	22.31	<=30	Pass
			13	24.78	-2.50	22.28	<=30	Pass
			24	24.52	-2.50	22.02	<=30	Pass
		12	0	23.65	-2.50	21.15	<=30	Pass
			6	23.61	-2.50	21.11	<=30	Pass
			13	23.71	-2.50	21.21	<=30	Pass
		25	0	23.53	-2.50	21.03	<=30	Pass
	3500	1	0	24.50	-2.50	22.00	<=30	Pass
			13	24.25	-2.50	21.75	<=30	Pass
			24	24.01	-2.50	21.51	<=30	Pass
		12	0	23.50	-2.50	21.00	<=30	Pass
			6	23.44	-2.50	20.94	<=30	Pass
			13	23.29	-2.50	20.79	<=30	Pass
		25	0	23.39	-2.50	20.89	<=30	Pass
	3547.5	1	0	24.03	-2.50	21.53	<=30	Pass
			13	24.06	-2.50	21.56	<=30	Pass
			24	23.89	-2.50	21.39	<=30	Pass
		12	0	23.09	-2.50	20.59	<=30	Pass
			6	23.09	-2.50	20.59	<=30	Pass
			13	23.14	-2.50	20.64	<=30	Pass
		25	0	23.00	-2.50	20.50	<=30	Pass
64QAM	3452.5	1	0	23.61	-2.50	21.11	<=30	Pass
			13	23.65	-2.50	21.15	<=30	Pass
			24	23.22	-2.50	20.72	<=30	Pass
		12	0	22.83	-2.50	20.33	<=30	Pass
			6	22.78	-2.50	20.28	<=30	Pass
			13	22.66	-2.50	20.16	<=30	Pass
		25	0	22.81	-2.50	20.31	<=30	Pass
	3500	1	0	23.46	-2.50	20.96	<=30	Pass
			13	23.57	-2.50	21.07	<=30	Pass
			24	23.46	-2.50	20.96	<=30	Pass
		12	0	22.45	-2.50	19.95	<=30	Pass
			6	22.28	-2.50	19.78	<=30	Pass

			13	22.34	-2.50	19.84	<=30	Pass
		25	0	22.36	-2.50	19.86	<=30	Pass
	3547.5	1	0	23.08	-2.50	20.58	<=30	Pass
			13	22.93	-2.50	20.43	<=30	Pass
			24	22.97	-2.50	20.47	<=30	Pass
		12	0	22.10	-2.50	19.60	<=30	Pass
			6	21.97	-2.50	19.47	<=30	Pass
			13	22.00	-2.50	19.50	<=30	Pass
		25	0	22.13	-2.50	19.63	<=30	Pass
256QAM	3452.5	1	0	20.72	-2.50	18.22	<=30	Pass
			13	20.58	-2.50	18.08	<=30	Pass
			24	20.48	-2.50	17.98	<=30	Pass
		12	0	20.84	-2.50	18.34	<=30	Pass
			6	20.74	-2.50	18.24	<=30	Pass
			13	20.69	-2.50	18.19	<=30	Pass
		25	0	20.82	-2.50	18.32	<=30	Pass
	3500	1	0	20.41	-2.50	17.91	<=30	Pass
			13	20.15	-2.50	17.65	<=30	Pass
			24	20.50	-2.50	18.00	<=30	Pass
		12	0	20.64	-2.50	18.14	<=30	Pass
			6	20.42	-2.50	17.92	<=30	Pass
			13	20.51	-2.50	18.01	<=30	Pass
		25	0	20.48	-2.50	17.98	<=30	Pass
	3547.5	1	0	20.16	-2.50	17.66	<=30	Pass
			13	20.21	-2.50	17.71	<=30	Pass
			24	20.11	-2.50	17.61	<=30	Pass
		12	0	20.26	-2.50	17.76	<=30	Pass
			6	20.11	-2.50	17.61	<=30	Pass
			13	20.10	-2.50	17.60	<=30	Pass
		25	0	20.21	-2.50	17.71	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B42a_10MHz_EIRP

Band: 42a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3455	1	0	25.69	-2.50	23.19	<=30	Pass
			25	25.45	-2.50	22.95	<=30	Pass
			49	25.35	-2.50	22.85	<=30	Pass
		25	0	24.55	-2.50	22.05	<=30	Pass
			13	24.54	-2.50	22.04	<=30	Pass
			25	24.43	-2.50	21.93	<=30	Pass
		50	0	24.56	-2.50	22.06	<=30	Pass
	3500	1	0	25.44	-2.50	22.94	<=30	Pass
			25	25.28	-2.50	22.78	<=30	Pass
			49	25.15	-2.50	22.65	<=30	Pass
		25	0	24.35	-2.50	21.85	<=30	Pass
			13	24.44	-2.50	21.94	<=30	Pass
			25	24.20	-2.50	21.70	<=30	Pass
		50	0	24.28	-2.50	21.78	<=30	Pass
	3545	1	0	25.30	-2.50	22.80	<=30	Pass
			25	24.94	-2.50	22.44	<=30	Pass
			49	24.90	-2.50	22.40	<=30	Pass
		25	0	24.44	-2.50	21.94	<=30	Pass
			13	24.19	-2.50	21.69	<=30	Pass
			25	24.22	-2.50	21.72	<=30	Pass
		50	0	24.14	-2.50	21.64	<=30	Pass
16QAM	3455	1	0	24.83	-2.50	22.33	<=30	Pass
			25	24.56	-2.50	22.06	<=30	Pass
			49	24.52	-2.50	22.02	<=30	Pass
		25	0	23.58	-2.50	21.08	<=30	Pass

		50	13	23.59	-2.50	21.09	<=30	Pass
			25	23.42	-2.50	20.92	<=30	Pass
			0	23.57	-2.50	21.07	<=30	Pass
	3500	1	0	24.53	-2.50	22.03	<=30	Pass
			25	24.11	-2.50	21.61	<=30	Pass
			49	24.17	-2.50	21.67	<=30	Pass
		25	0	23.35	-2.50	20.85	<=30	Pass
			13	23.27	-2.50	20.77	<=30	Pass
			25	23.41	-2.50	20.91	<=30	Pass
		50	0	23.47	-2.50	20.97	<=30	Pass
	3545	1	0	24.29	-2.50	21.79	<=30	Pass
			25	24.16	-2.50	21.66	<=30	Pass
			49	23.82	-2.50	21.32	<=30	Pass
		25	0	23.20	-2.50	20.70	<=30	Pass
			13	23.09	-2.50	20.59	<=30	Pass
			25	23.24	-2.50	20.74	<=30	Pass
		50	0	23.13	-2.50	20.63	<=30	Pass
64QAM	3455	1	0	23.59	-2.50	21.09	<=30	Pass
			25	23.63	-2.50	21.13	<=30	Pass
			49	23.55	-2.50	21.05	<=30	Pass
		25	0	22.50	-2.50	20.00	<=30	Pass
			13	22.59	-2.50	20.09	<=30	Pass
			25	22.34	-2.50	19.84	<=30	Pass
		50	0	22.43	-2.50	19.93	<=30	Pass
	3500	1	0	23.72	-2.50	21.22	<=30	Pass
			25	23.35	-2.50	20.85	<=30	Pass
			49	23.60	-2.50	21.10	<=30	Pass
		25	0	22.42	-2.50	19.92	<=30	Pass
			13	22.33	-2.50	19.83	<=30	Pass
			25	22.10	-2.50	19.60	<=30	Pass
		50	0	22.31	-2.50	19.81	<=30	Pass
	3545	1	0	23.37	-2.50	20.87	<=30	Pass
			25	22.84	-2.50	20.34	<=30	Pass
			49	22.76	-2.50	20.26	<=30	Pass
		25	0	22.27	-2.50	19.77	<=30	Pass
			13	22.26	-2.50	19.76	<=30	Pass
			25	22.14	-2.50	19.64	<=30	Pass
		50	0	22.29	-2.50	19.79	<=30	Pass
256QAM	3455	1	0	20.74	-2.50	18.24	<=30	Pass
			25	20.37	-2.50	17.87	<=30	Pass
			49	20.45	-2.50	17.95	<=30	Pass
		25	0	20.64	-2.50	18.14	<=30	Pass
			13	20.56	-2.50	18.06	<=30	Pass
			25	20.48	-2.50	17.98	<=30	Pass
		50	0	20.68	-2.50	18.18	<=30	Pass
	3500	1	0	20.54	-2.50	18.04	<=30	Pass
			25	20.28	-2.50	17.78	<=30	Pass
			49	20.49	-2.50	17.99	<=30	Pass
		25	0	20.51	-2.50	18.01	<=30	Pass
			13	20.43	-2.50	17.93	<=30	Pass
			25	20.43	-2.50	17.93	<=30	Pass
		50	0	20.37	-2.50	17.87	<=30	Pass
	3545	1	0	20.12	-2.50	17.62	<=30	Pass
			25	20.61	-2.50	18.11	<=30	Pass
			49	19.65	-2.50	17.15	<=30	Pass
		25	0	20.43	-2.50	17.93	<=30	Pass
			13	20.29	-2.50	17.79	<=30	Pass
			25	20.29	-2.50	17.79	<=30	Pass
		50	0	20.37	-2.50	17.87	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

Band: 42a / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3457.5	1	0	25.70	-2.50	23.20	<=30	Pass
			38	25.46	-2.50	22.96	<=30	Pass
			74	25.46	-2.50	22.96	<=30	Pass
		36	0	24.65	-2.50	22.15	<=30	Pass
			18	24.39	-2.50	21.89	<=30	Pass
			39	24.51	-2.50	22.01	<=30	Pass
		75	0	24.64	-2.50	22.14	<=30	Pass
	3500	1	0	25.48	-2.50	22.98	<=30	Pass
			38	25.43	-2.50	22.93	<=30	Pass
			74	25.10	-2.50	22.60	<=30	Pass
		36	0	24.56	-2.50	22.06	<=30	Pass
			18	24.24	-2.50	21.74	<=30	Pass
			39	24.23	-2.50	21.73	<=30	Pass
		75	0	24.37	-2.50	21.87	<=30	Pass
	3542.5	1	0	25.14	-2.50	22.64	<=30	Pass
			38	25.28	-2.50	22.78	<=30	Pass
			74	24.96	-2.50	22.46	<=30	Pass
		36	0	24.39	-2.50	21.89	<=30	Pass
			18	24.29	-2.50	21.79	<=30	Pass
			39	24.07	-2.50	21.57	<=30	Pass
		75	0	24.32	-2.50	21.82	<=30	Pass
16QAM	3457.5	1	0	24.58	-2.50	22.08	<=30	Pass
			38	24.48	-2.50	21.98	<=30	Pass
			74	24.71	-2.50	22.21	<=30	Pass
		36	0	23.54	-2.50	21.04	<=30	Pass
			18	23.58	-2.50	21.08	<=30	Pass
			39	23.51	-2.50	21.01	<=30	Pass
		75	0	23.58	-2.50	21.08	<=30	Pass
	3500	1	0	24.58	-2.50	22.08	<=30	Pass
			38	24.22	-2.50	21.72	<=30	Pass
			74	24.04	-2.50	21.54	<=30	Pass
		36	0	23.55	-2.50	21.05	<=30	Pass
			18	23.36	-2.50	20.86	<=30	Pass
			39	23.27	-2.50	20.77	<=30	Pass
		75	0	23.48	-2.50	20.98	<=30	Pass
	3542.5	1	0	24.31	-2.50	21.81	<=30	Pass
			38	24.66	-2.50	22.16	<=30	Pass
			74	24.21	-2.50	21.71	<=30	Pass
		36	0	23.25	-2.50	20.75	<=30	Pass
			18	23.32	-2.50	20.82	<=30	Pass
			39	23.20	-2.50	20.70	<=30	Pass
		75	0	23.16	-2.50	20.66	<=30	Pass
64QAM	3457.5	1	0	23.71	-2.50	21.21	<=30	Pass
			38	23.58	-2.50	21.08	<=30	Pass
			74	23.68	-2.50	21.18	<=30	Pass
		36	0	22.62	-2.50	20.12	<=30	Pass
			18	22.42	-2.50	19.92	<=30	Pass
			39	22.50	-2.50	20.00	<=30	Pass
		75	0	22.67	-2.50	20.17	<=30	Pass
	3500	1	0	23.72	-2.50	21.22	<=30	Pass
			38	23.66	-2.50	21.16	<=30	Pass
			74	23.60	-2.50	21.10	<=30	Pass
		36	0	22.42	-2.50	19.92	<=30	Pass
			18	22.38	-2.50	19.88	<=30	Pass
			39	22.16	-2.50	19.66	<=30	Pass
		75	0	22.25	-2.50	19.75	<=30	Pass
	3542.5	1	0	23.36	-2.50	20.86	<=30	Pass
			38	23.45	-2.50	20.95	<=30	Pass
			74	22.97	-2.50	20.47	<=30	Pass
		36	0	22.42	-2.50	19.92	<=30	Pass
			18	22.29	-2.50	19.79	<=30	Pass

			39	22.10	-2.50	19.60	<=30	Pass		
		75	0	22.38	-2.50	19.88	<=30	Pass		
256QAM	3457.5	1	0	20.78	-2.50	18.28	<=30	Pass		
			38	20.51	-2.50	18.01	<=30	Pass		
			74	20.44	-2.50	17.94	<=30	Pass		
		36	0	20.62	-2.50	18.12	<=30	Pass		
			18	20.61	-2.50	18.11	<=30	Pass		
			39	20.55	-2.50	18.05	<=30	Pass		
		75	0	20.56	-2.50	18.06	<=30	Pass		
		3500	1	0	20.63	-2.50	18.13	<=30	Pass	
				38	20.45	-2.50	17.95	<=30	Pass	
	74			20.32	-2.50	17.82	<=30	Pass		
	36		0	20.63	-2.50	18.13	<=30	Pass		
			18	20.50	-2.50	18.00	<=30	Pass		
			39	20.40	-2.50	17.90	<=30	Pass		
	75		0	20.52	-2.50	18.02	<=30	Pass		
	3542.5		1	0	20.25	-2.50	17.75	<=30	Pass	
				38	20.45	-2.50	17.95	<=30	Pass	
		74		19.98	-2.50	17.48	<=30	Pass		
		36	0	20.33	-2.50	17.83	<=30	Pass		
			18	20.46	-2.50	17.96	<=30	Pass		
			39	20.38	-2.50	17.88	<=30	Pass		
		75	0	20.30	-2.50	17.80	<=30	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B42a_20MHz_EIRP

Band: 42a / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3460	1	0	25.70	-2.50	23.20	<=30	Pass
			50	25.17	-2.50	22.67	<=30	Pass
			99	25.23	-2.50	22.73	<=30	Pass
		50	0	24.62	-2.50	22.12	<=30	Pass
			25	24.56	-2.50	22.06	<=30	Pass
			50	24.55	-2.50	22.05	<=30	Pass
		100	0	24.43	-2.50	21.93	<=30	Pass
	3500	1	0	25.45	-2.50	22.95	<=30	Pass
			50	25.06	-2.50	22.56	<=30	Pass
			99	25.10	-2.50	22.60	<=30	Pass
		50	0	24.59	-2.50	22.09	<=30	Pass
			25	24.46	-2.50	21.96	<=30	Pass
			50	24.38	-2.50	21.88	<=30	Pass
		100	0	24.36	-2.50	21.86	<=30	Pass
	3540	1	0	24.93	-2.50	22.43	<=30	Pass
			50	25.32	-2.50	22.82	<=30	Pass
			99	25.08	-2.50	22.58	<=30	Pass
		50	0	24.24	-2.50	21.74	<=30	Pass
			25	24.41	-2.50	21.91	<=30	Pass
			50	24.43	-2.50	21.93	<=30	Pass
		100	0	24.30	-2.50	21.80	<=30	Pass
16QAM	3460	1	0	24.67	-2.50	22.17	<=30	Pass
			50	24.40	-2.50	21.90	<=30	Pass
			99	24.52	-2.50	22.02	<=30	Pass
		50	0	23.59	-2.50	21.09	<=30	Pass
			25	23.48	-2.50	20.98	<=30	Pass
			50	23.52	-2.50	21.02	<=30	Pass
		100	0	23.55	-2.50	21.05	<=30	Pass
	3500	1	0	24.41	-2.50	21.91	<=30	Pass
			50	24.46	-2.50	21.96	<=30	Pass
			99	24.12	-2.50	21.62	<=30	Pass
		50	0	23.50	-2.50	21.00	<=30	Pass

		100	25	23.49	-2.50	20.99	<=30	Pass		
			50	23.38	-2.50	20.88	<=30	Pass		
			0	23.42	-2.50	20.92	<=30	Pass		
	3540	1	0	23.92	-2.50	21.42	<=30	Pass		
			50	23.87	-2.50	21.37	<=30	Pass		
			99	24.09	-2.50	21.59	<=30	Pass		
		50	0	23.26	-2.50	20.76	<=30	Pass		
			25	23.48	-2.50	20.98	<=30	Pass		
			50	23.35	-2.50	20.85	<=30	Pass		
100		0	23.32	-2.50	20.82	<=30	Pass			
64QAM	3460	1	0	23.91	-2.50	21.41	<=30	Pass		
			50	23.22	-2.50	20.72	<=30	Pass		
			99	23.39	-2.50	20.89	<=30	Pass		
		50	0	22.57	-2.50	20.07	<=30	Pass		
			25	22.50	-2.50	20.00	<=30	Pass		
			50	22.53	-2.50	20.03	<=30	Pass		
		100	0	22.60	-2.50	20.10	<=30	Pass		
		3500	1	0	23.25	-2.50	20.75	<=30	Pass	
				50	23.16	-2.50	20.66	<=30	Pass	
	99			23.24	-2.50	20.74	<=30	Pass		
	50		0	22.57	-2.50	20.07	<=30	Pass		
			25	22.35	-2.50	19.85	<=30	Pass		
			50	22.29	-2.50	19.79	<=30	Pass		
	100		0	22.33	-2.50	19.83	<=30	Pass		
	3540	1	0	23.20	-2.50	20.70	<=30	Pass		
			50	23.40	-2.50	20.90	<=30	Pass		
			99	22.67	-2.50	20.17	<=30	Pass		
		50	0	22.24	-2.50	19.74	<=30	Pass		
			25	22.46	-2.50	19.96	<=30	Pass		
			50	22.46	-2.50	19.96	<=30	Pass		
		100	0	22.43	-2.50	19.93	<=30	Pass		
		256QAM	3460	1	0	20.57	-2.50	18.07	<=30	Pass
					50	20.61	-2.50	18.11	<=30	Pass
	99				20.79	-2.50	18.29	<=30	Pass	
50	0			20.51	-2.50	18.01	<=30	Pass		
	25			20.58	-2.50	18.08	<=30	Pass		
	50			20.52	-2.50	18.02	<=30	Pass		
100	0		20.55	-2.50	18.05	<=30	Pass			
3500	1		0	20.60	-2.50	18.10	<=30	Pass		
			50	20.58	-2.50	18.08	<=30	Pass		
			99	20.49	-2.50	17.99	<=30	Pass		
	50		0	20.62	-2.50	18.12	<=30	Pass		
			25	20.35	-2.50	17.85	<=30	Pass		
			50	20.33	-2.50	17.83	<=30	Pass		
100	0		20.56	-2.50	18.06	<=30	Pass			
3540	1		0	20.39	-2.50	17.89	<=30	Pass		
		50	19.96	-2.50	17.46	<=30	Pass			
		99	20.37	-2.50	17.87	<=30	Pass			
	50	0	20.28	-2.50	17.78	<=30	Pass			
		25	20.43	-2.50	17.93	<=30	Pass			
		50	20.53	-2.50	18.03	<=30	Pass			
100	0	20.48	-2.50	17.98	<=30	Pass				
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 B42a_10MHz

Band: 42a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3500	50	0	20	LV	-7.462	-0.0021	-2.5 to 2.5	Pass
					NV	-2.539	-0.0007	-2.5 to 2.5	Pass
					HV	0.098	0.0000	-2.5 to 2.5	Pass
				-30	NV	-2.942	-0.0008	-2.5 to 2.5	Pass
				-20	NV	4.523	0.0013	-2.5 to 2.5	Pass
				-10	NV	-5.165	-0.0015	-2.5 to 2.5	Pass
				0	NV	-1.601	-0.0005	-2.5 to 2.5	Pass
				10	NV	-0.187	-0.0001	-2.5 to 2.5	Pass
				30	NV	-3.046	-0.0009	-2.5 to 2.5	Pass
				40	NV	-1.938	-0.0006	-2.5 to 2.5	Pass
				50	NV	-4.296	-0.0012	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band42a_OBW

Band: 42a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3500	25	0	4.555	/	Pass
	16QAM	3500	25	0	4.539	/	Pass
	64QAM	3500	25	0	4.576	/	Pass
	256QAM	3500	25	0	4.548	/	Pass
10	QPSK	3500	50	0	9.054	/	Pass
	16QAM	3500	50	0	9.075	/	Pass
	64QAM	3500	50	0	9.062	/	Pass
	256QAM	3500	50	0	9.067	/	Pass
15	QPSK	3500	75	0	13.620	/	Pass
	16QAM	3500	75	0	13.605	/	Pass
	64QAM	3500	75	0	13.577	/	Pass
	256QAM	3500	75	0	13.582	/	Pass
20	QPSK	3500	100	0	18.147	/	Pass
	16QAM	3500	100	0	18.078	/	Pass
	64QAM	3500	100	0	18.044	/	Pass
	256QAM	3500	100	0	18.118	/	Pass

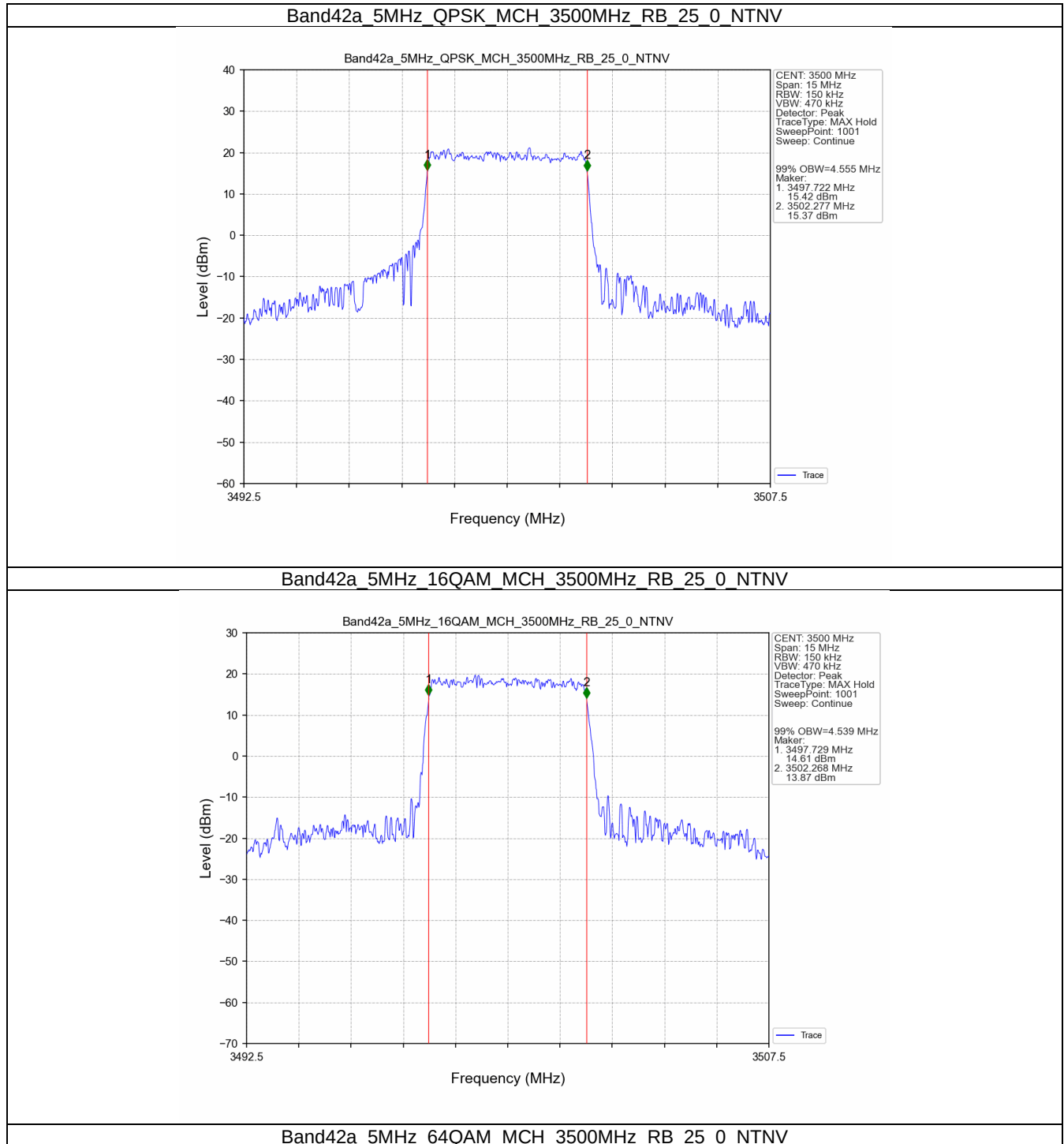
3.1.2 Band42a_XDB

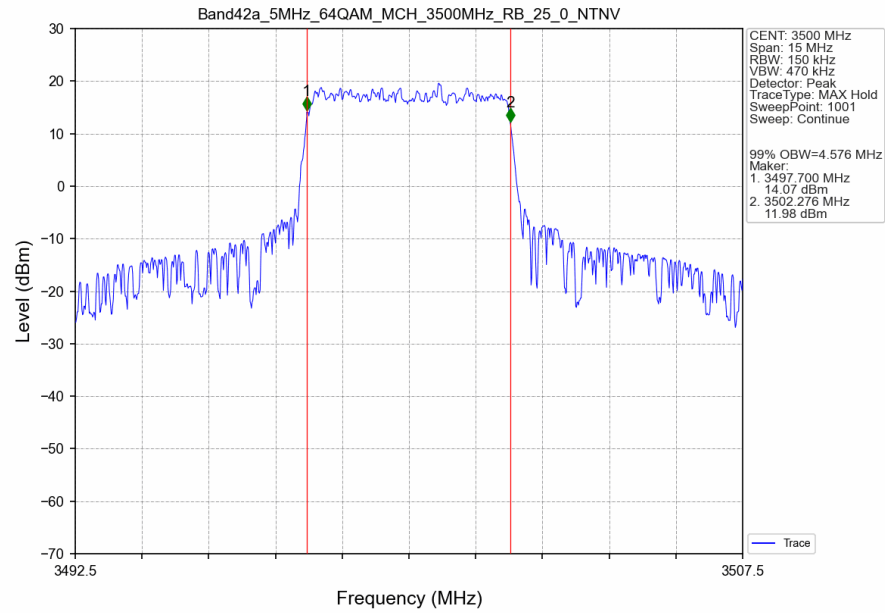
Band: 42a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3500	25	0	5.418	/	Pass
	16QAM	3500	25	0	5.036	/	Pass
	64QAM	3500	25	0	5.326	/	Pass
	256QAM	3500	25	0	5.078	/	Pass

10	QPSK	3500	50	0	9.959	/	Pass
	16QAM	3500	50	0	9.938	/	Pass
	64QAM	3500	50	0	10.392	/	Pass
	256QAM	3500	50	0	10.194	/	Pass
15	QPSK	3500	75	0	15.025	/	Pass
	16QAM	3500	75	0	15.293	/	Pass
	64QAM	3500	75	0	15.008	/	Pass
	256QAM	3500	75	0	14.953	/	Pass
20	QPSK	3500	100	0	19.856	/	Pass
	16QAM	3500	100	0	20.492	/	Pass
	64QAM	3500	100	0	21.712	/	Pass
	256QAM	3500	100	0	20.471	/	Pass

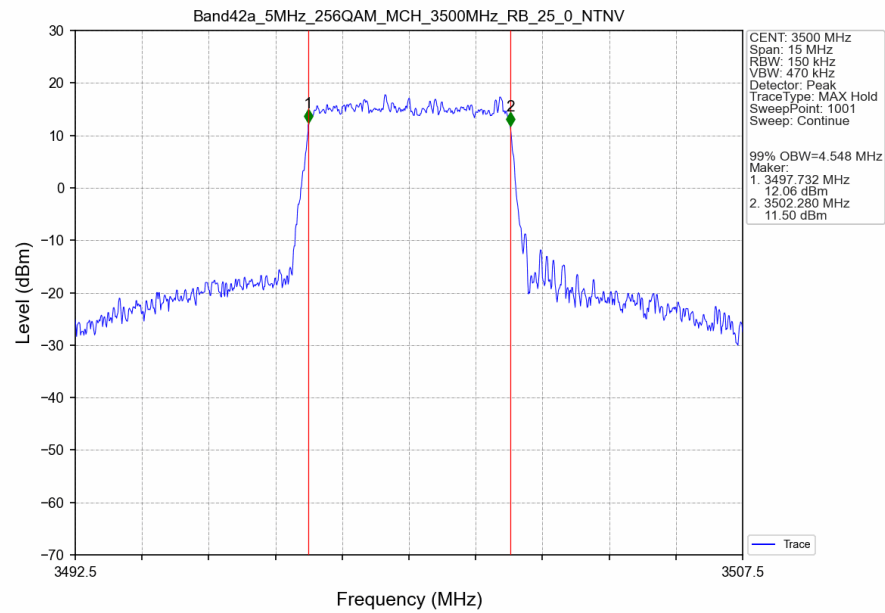
3.2 Test Graph

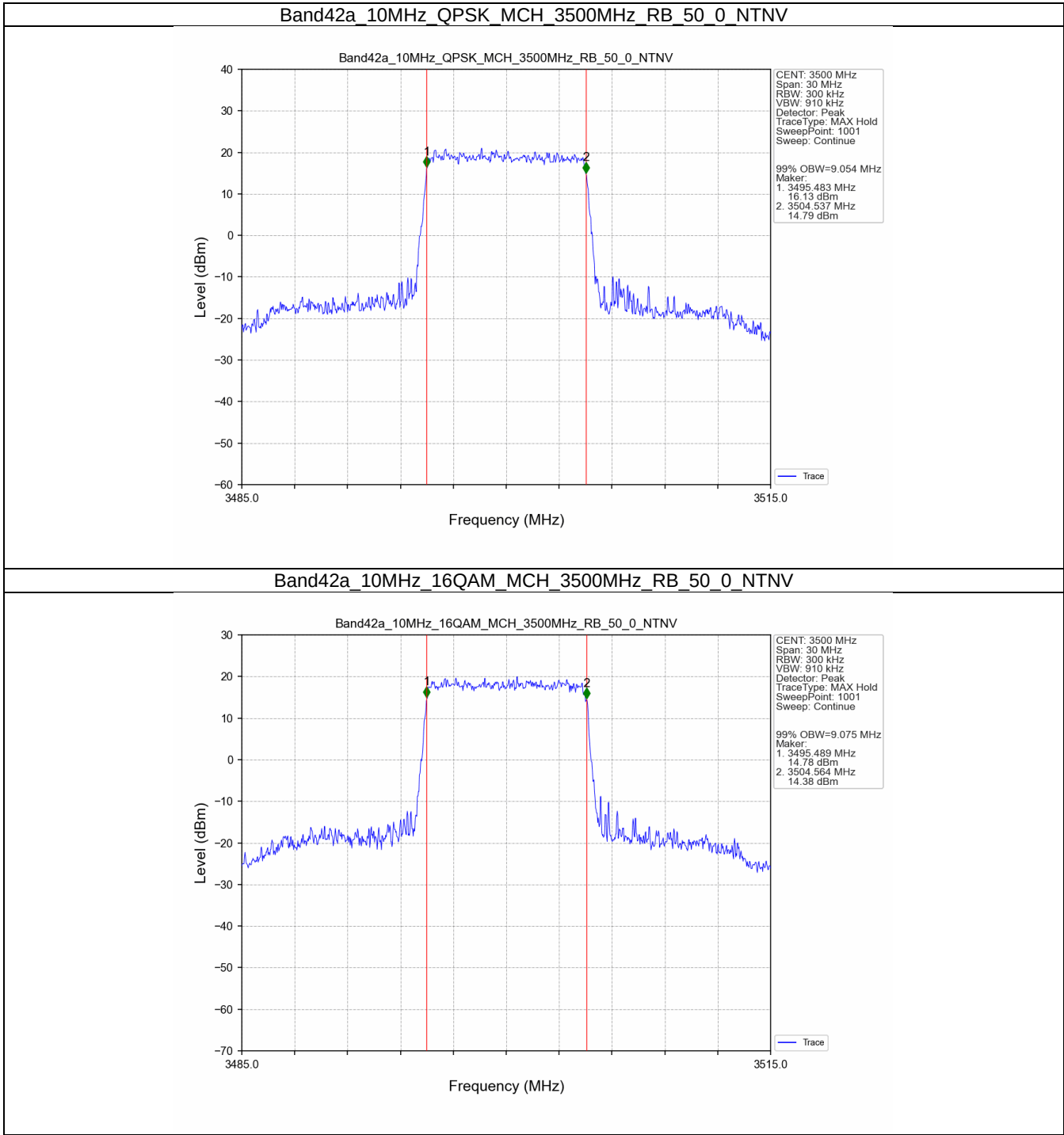
3.2.1 Band42a_OBW



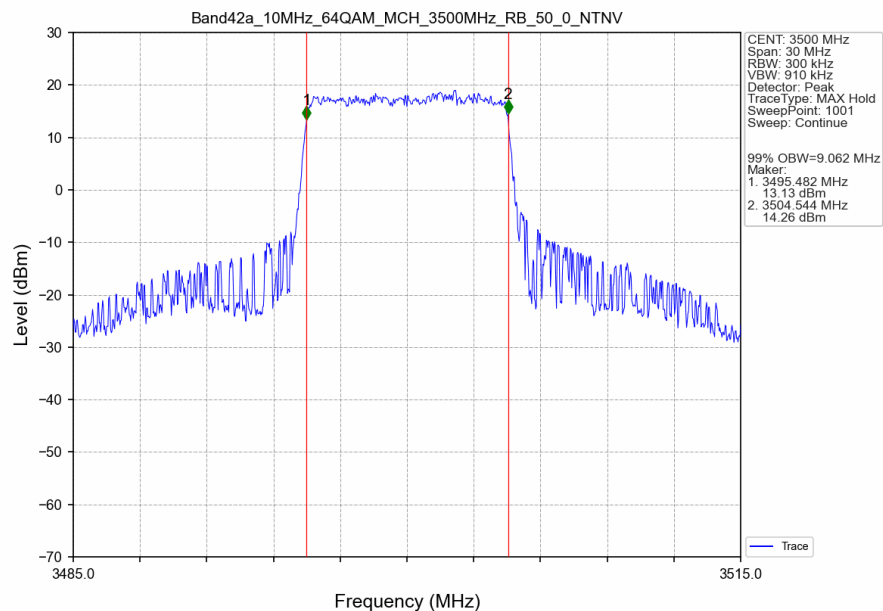


Band42a 5MHz 256QAM MCH 3500MHz RB 25 0 NTN

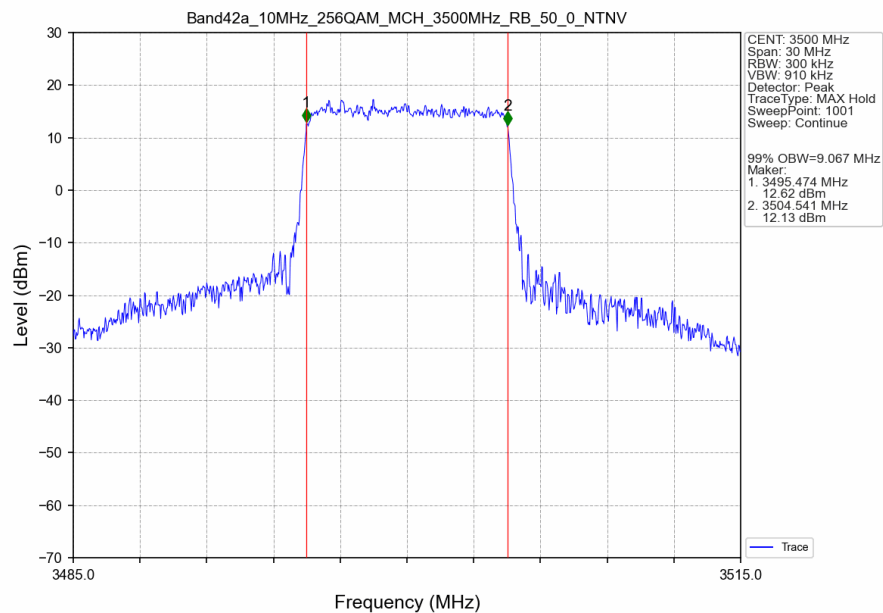


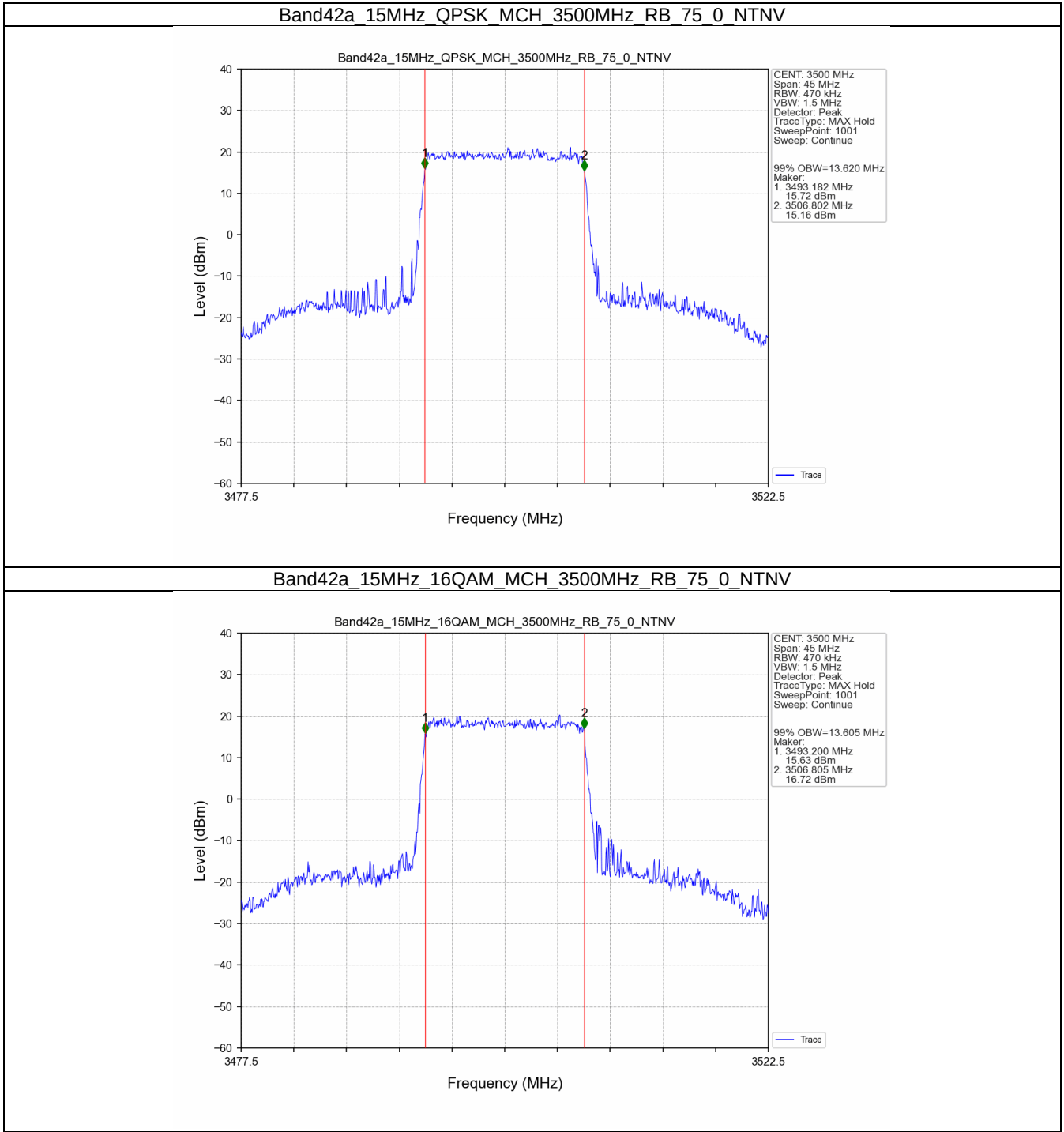


Band42a_10MHz_64QAM_MCH_3500MHz_RB_50_0_NTNV

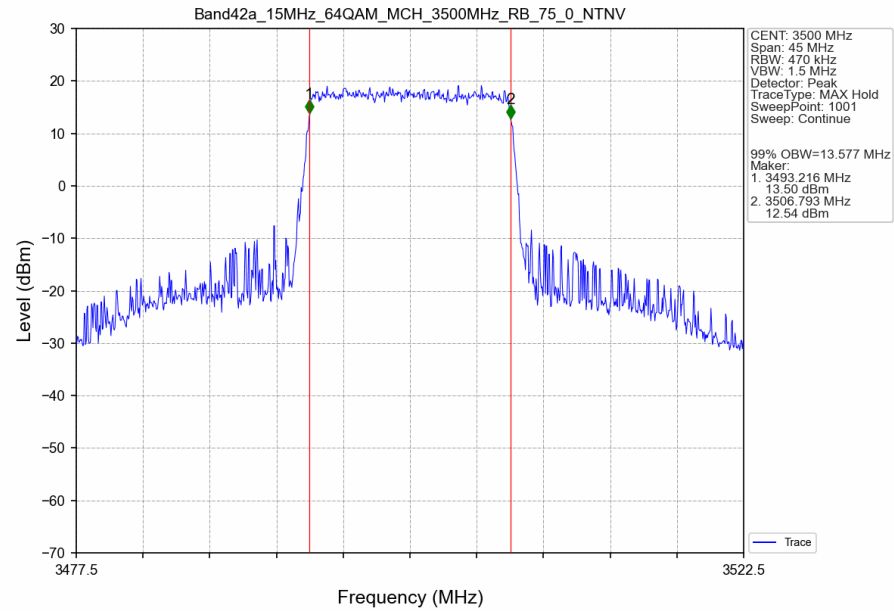


Band42a_10MHz_256QAM_MCH_3500MHz_RB_50_0_NTNV

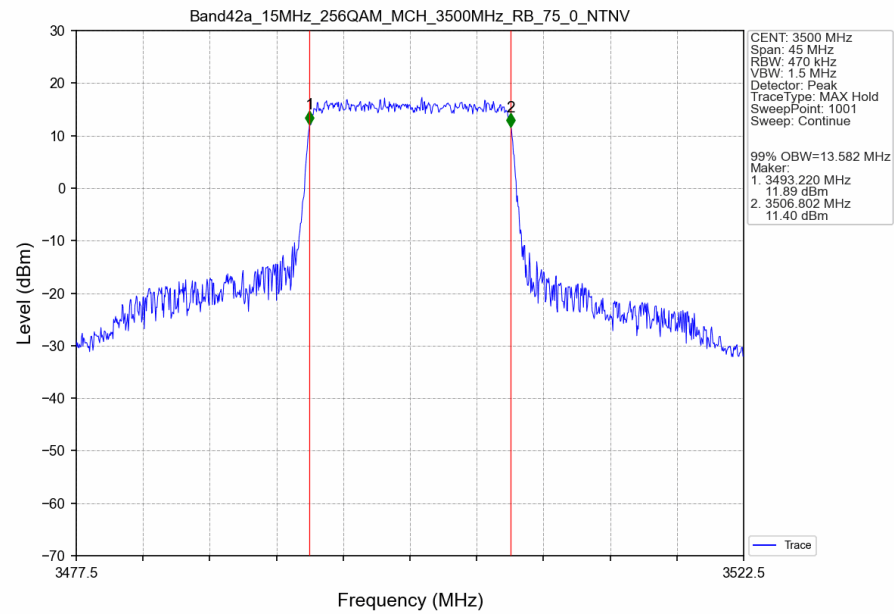


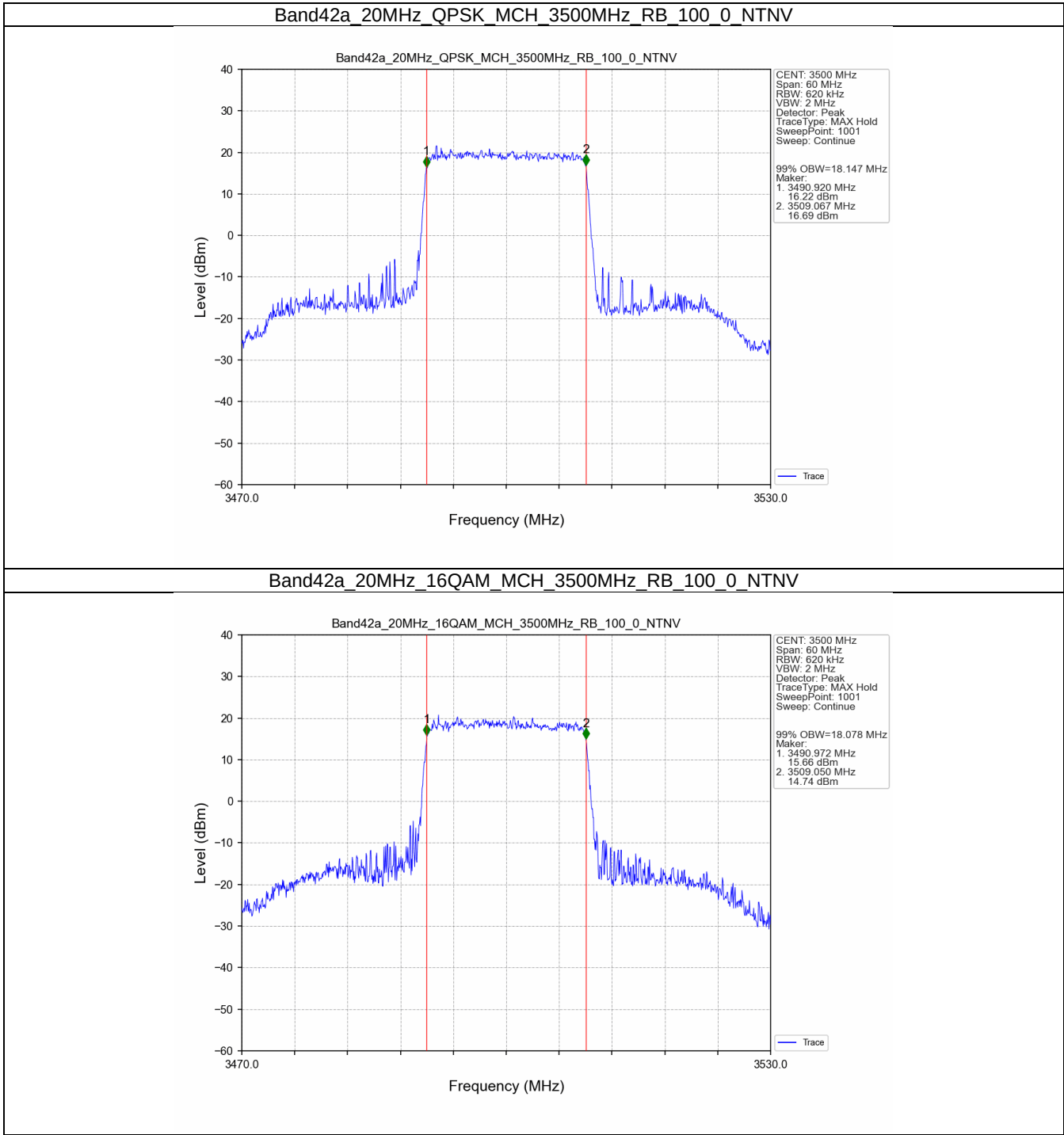


Band42a_15MHz_64QAM_MCH_3500MHz_RB_75_0_NTNV

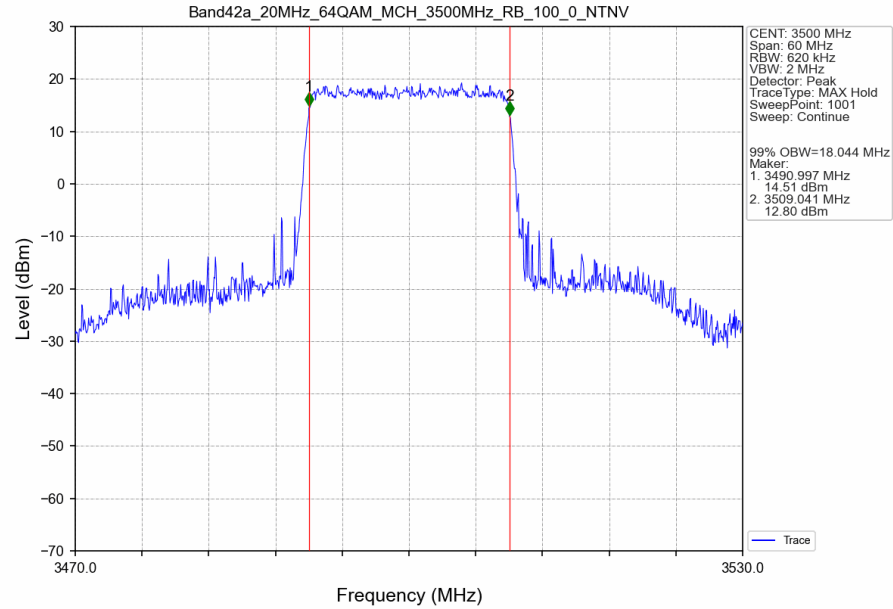


Band42a_15MHz_256QAM_MCH_3500MHz_RB_75_0_NTNV

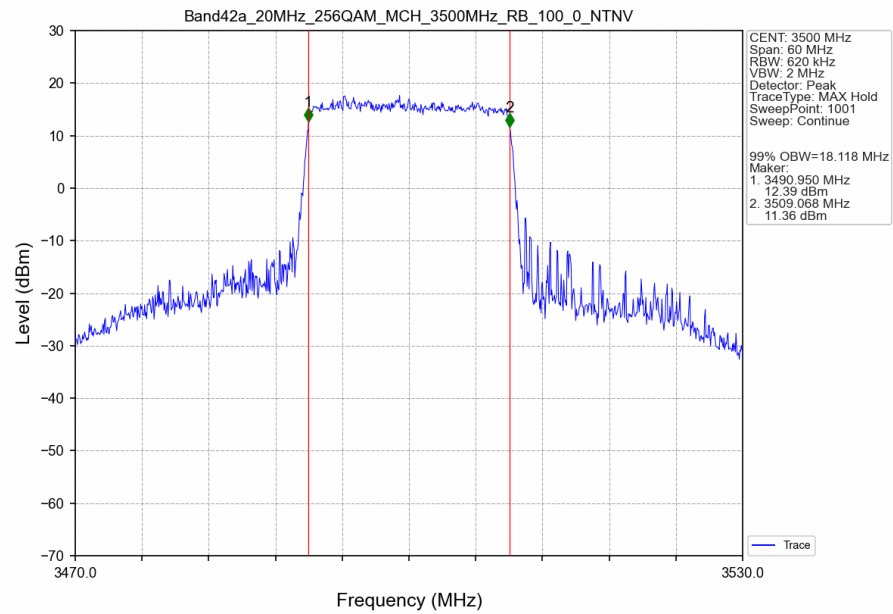




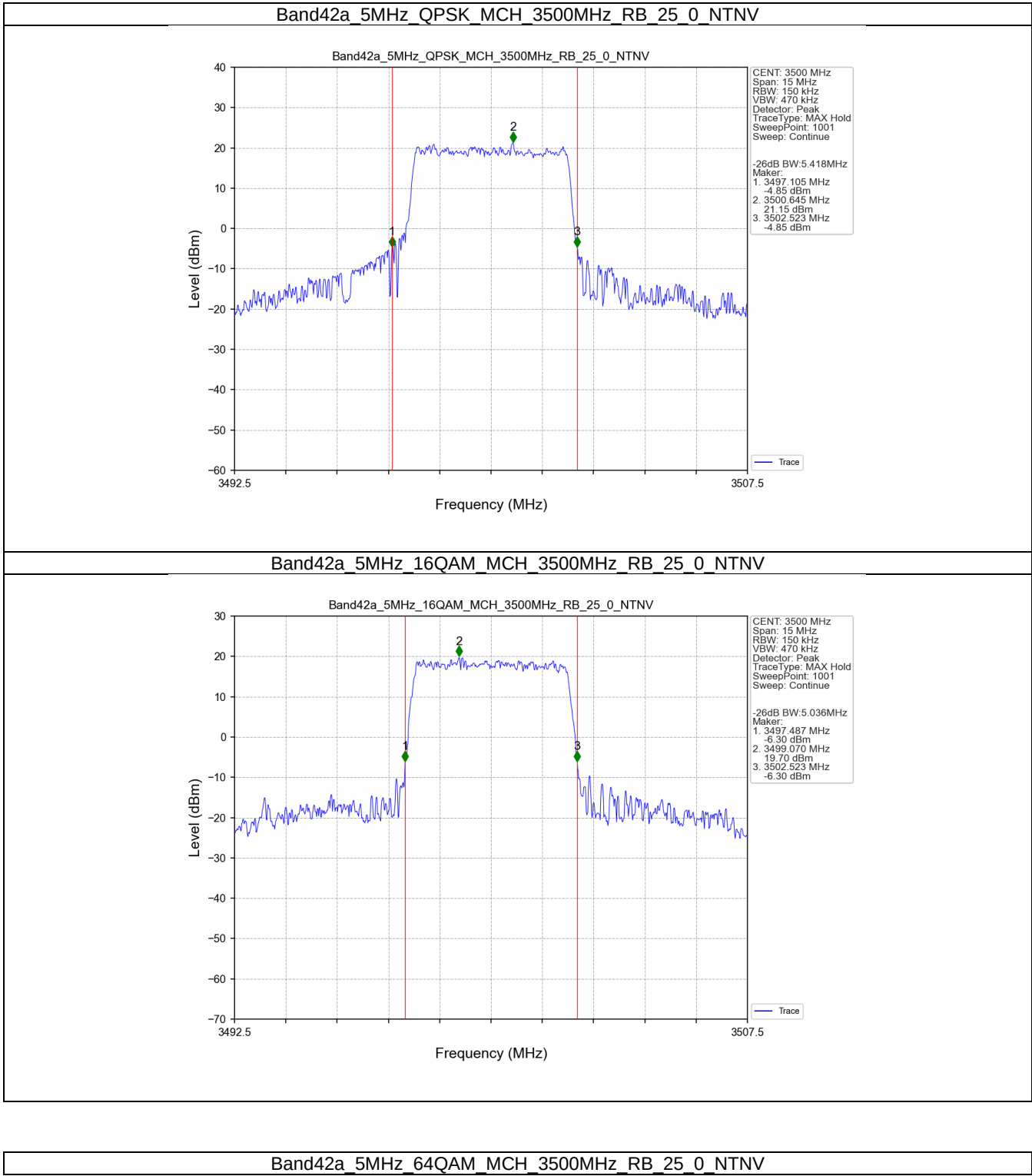
Band42a_20MHz_64QAM_MCH_3500MHz_RB_100_0_NTNV

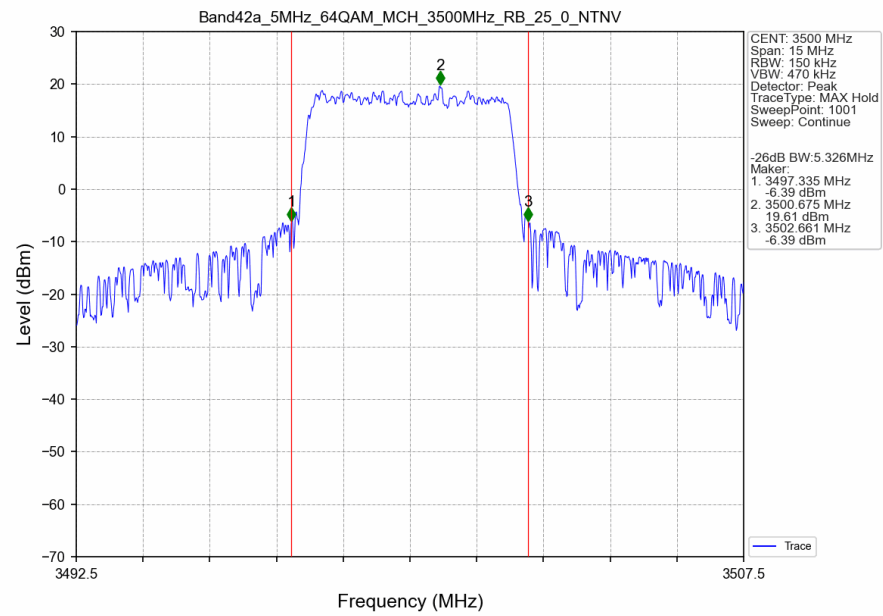


Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV

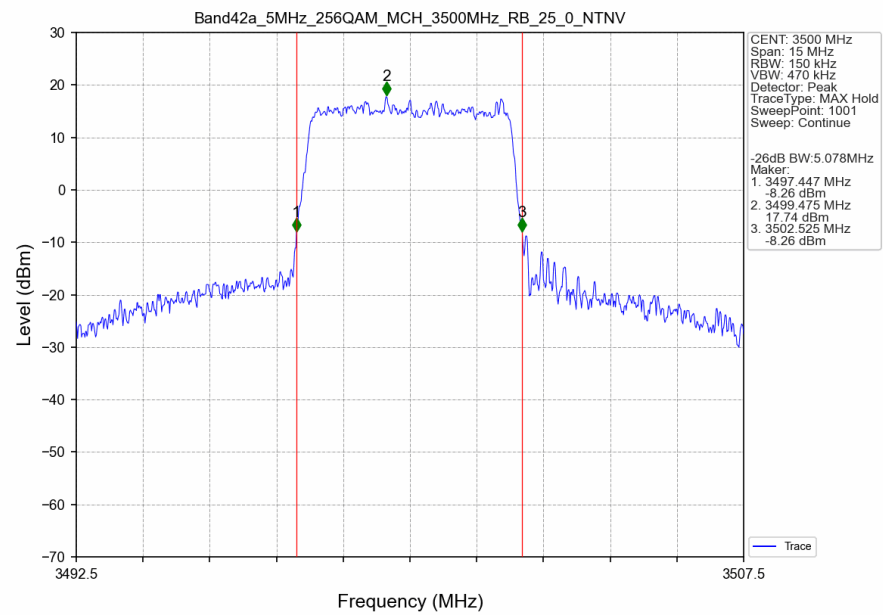


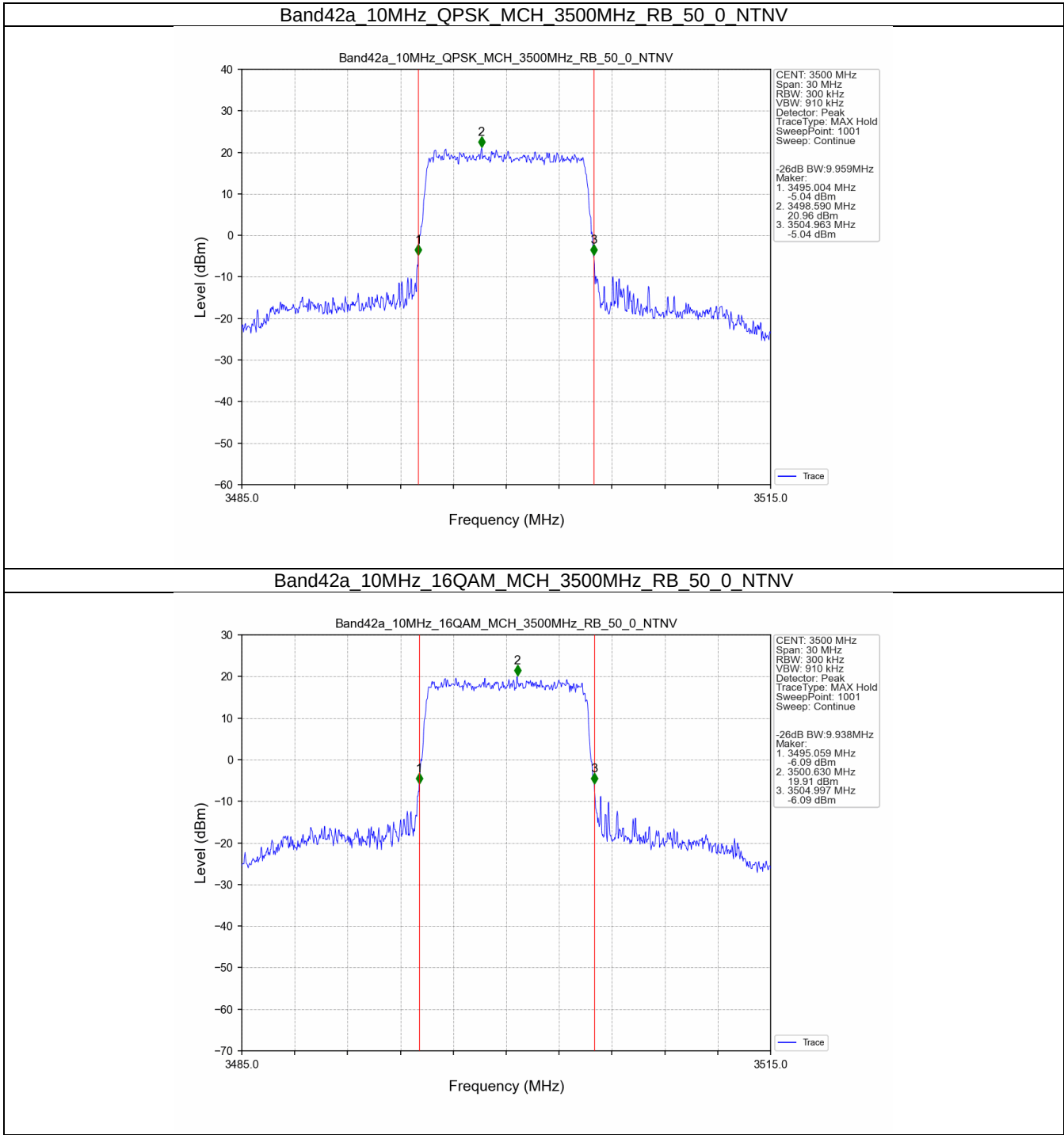
3.2.2 Band42a_XDB



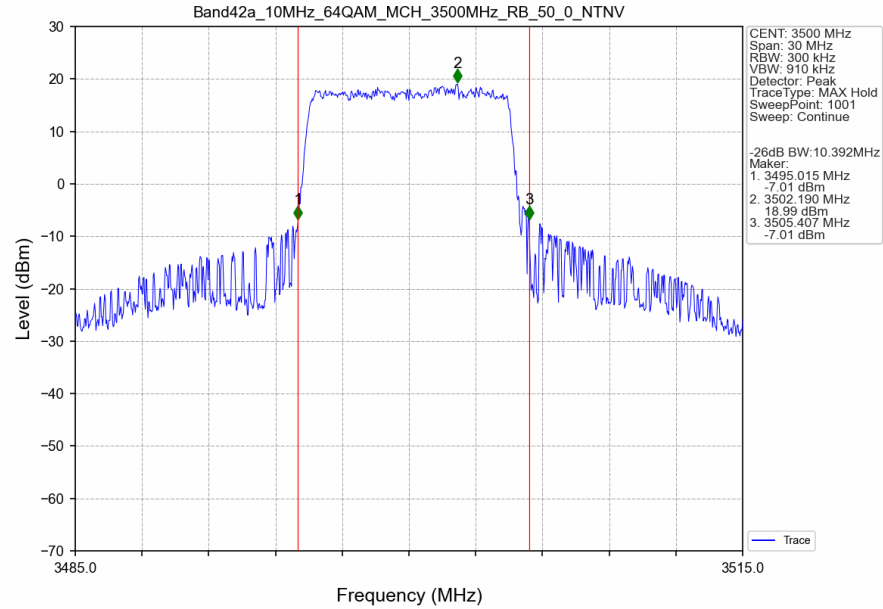


Band42a 5MHz 256QAM MCH 3500MHz RB 25 0 NTN

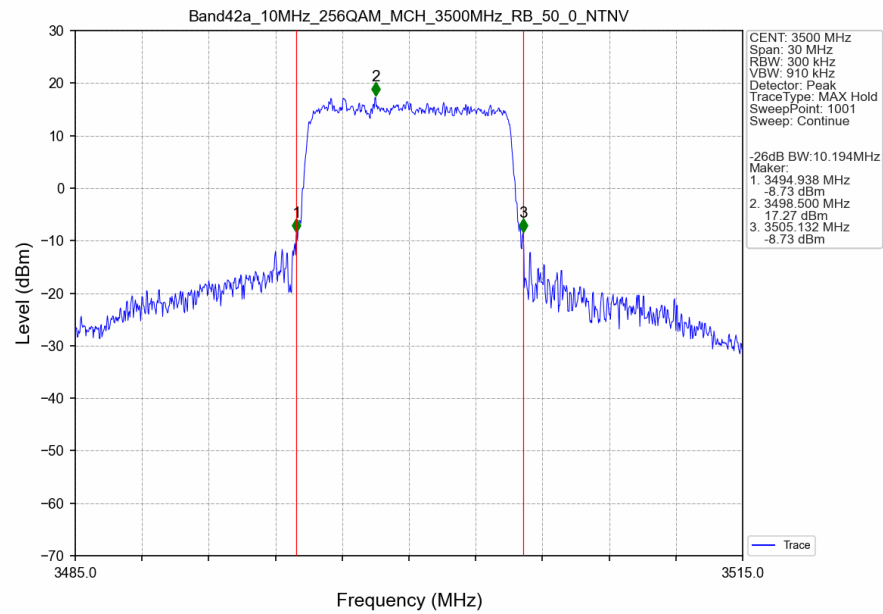


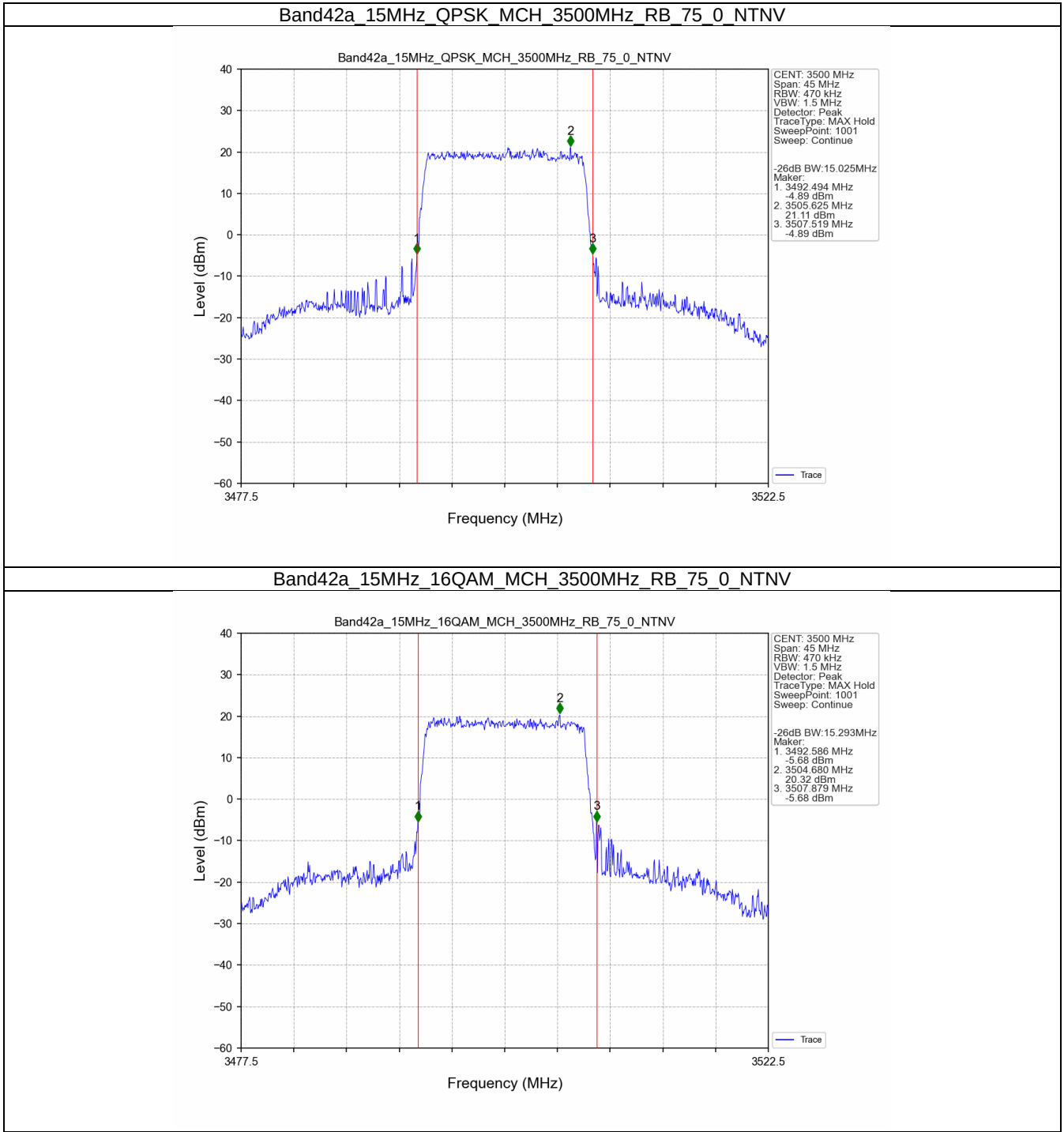


Band42a_10MHz_64QAM_MCH_3500MHz_RB_50_0_NTNV

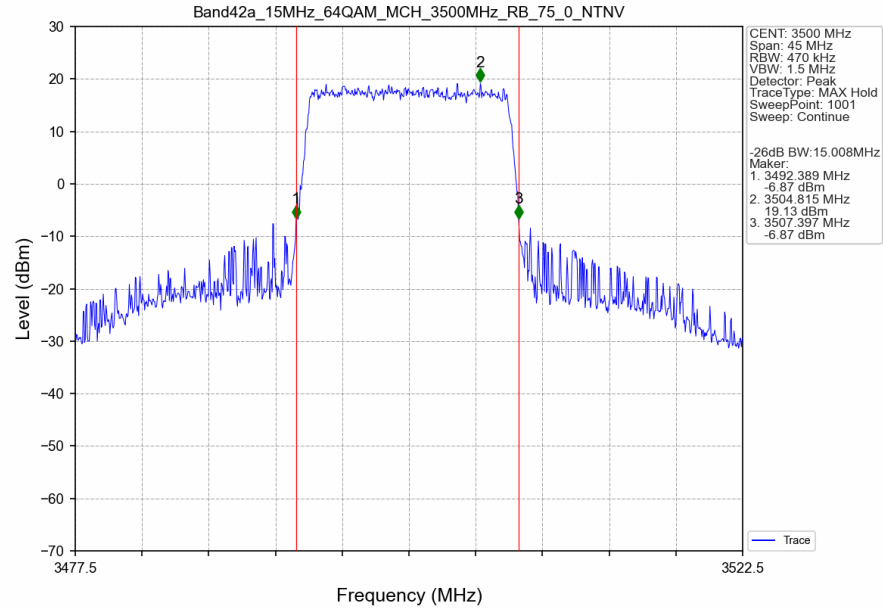


Band42a_10MHz_256QAM_MCH_3500MHz_RB_50_0_NTNV

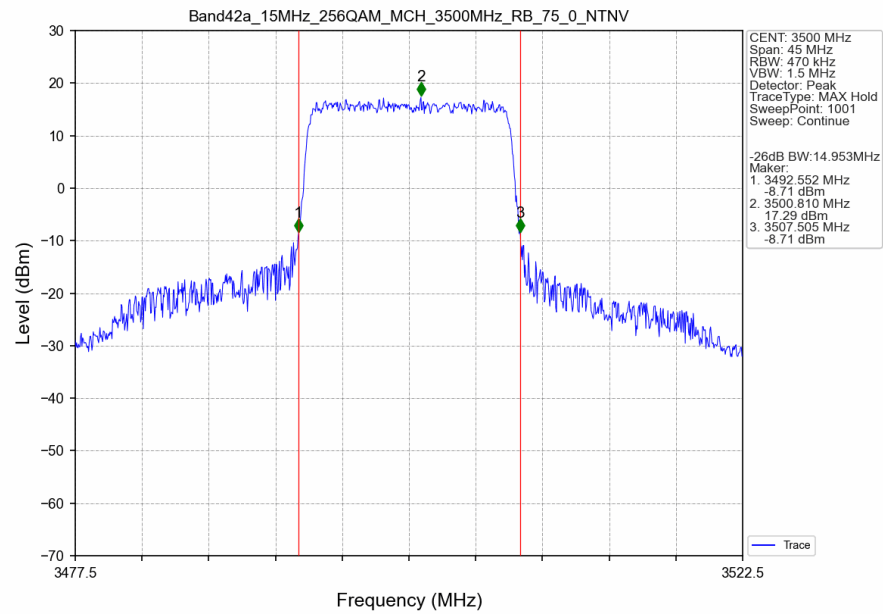


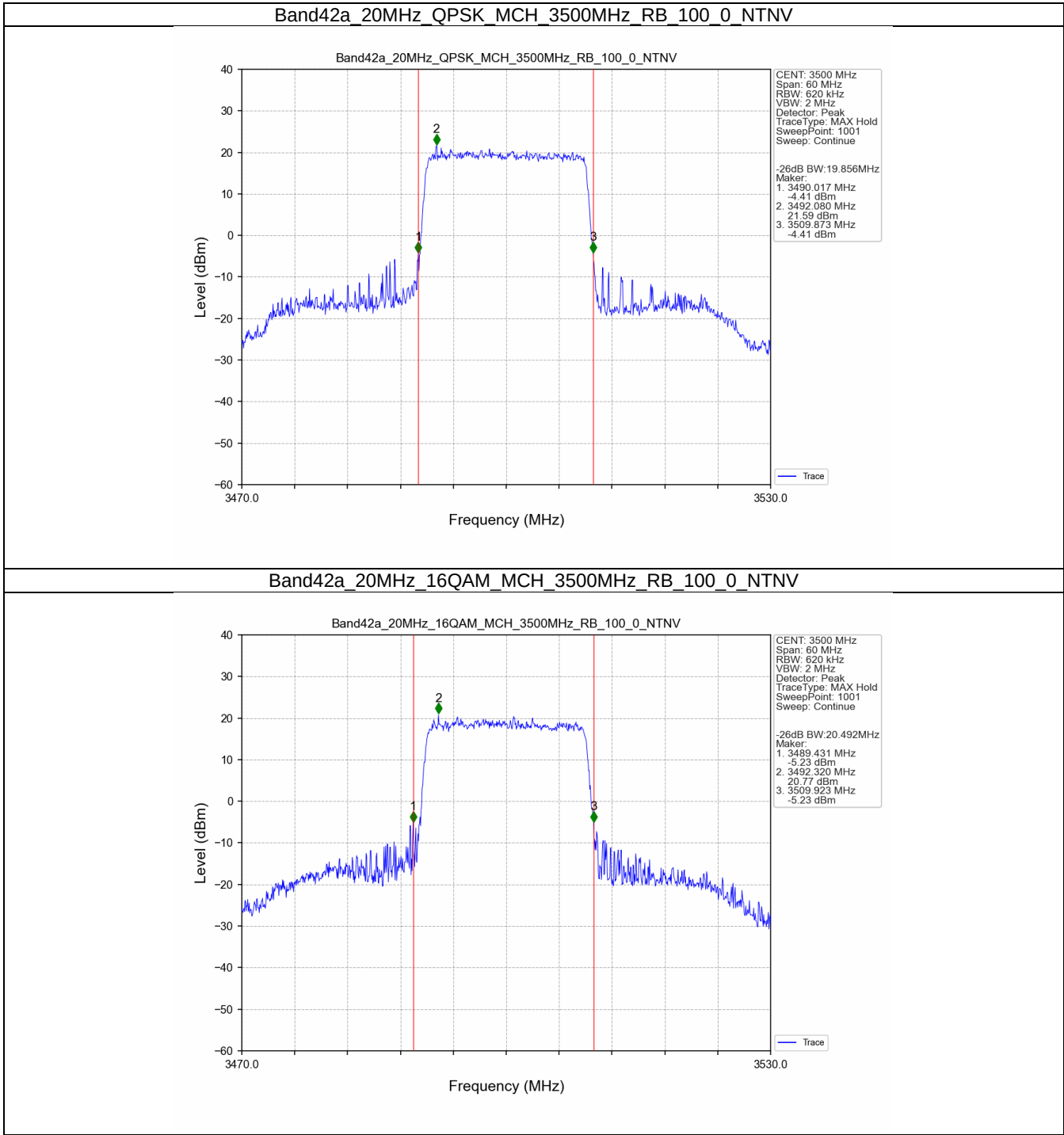


Band42a_15MHz_64QAM_MCH_3500MHz_RB_75_0_NTNV

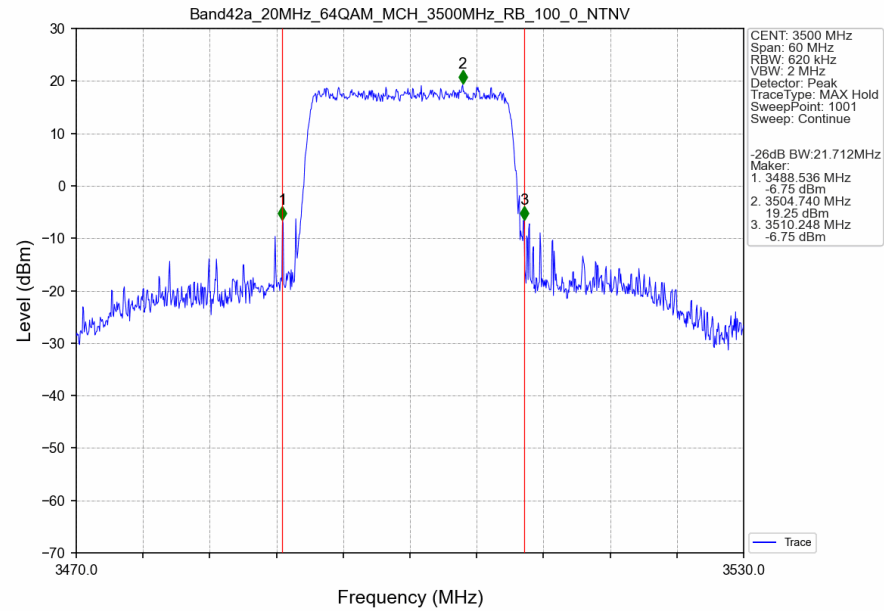


Band42a_15MHz_256QAM_MCH_3500MHz_RB_75_0_NTNV

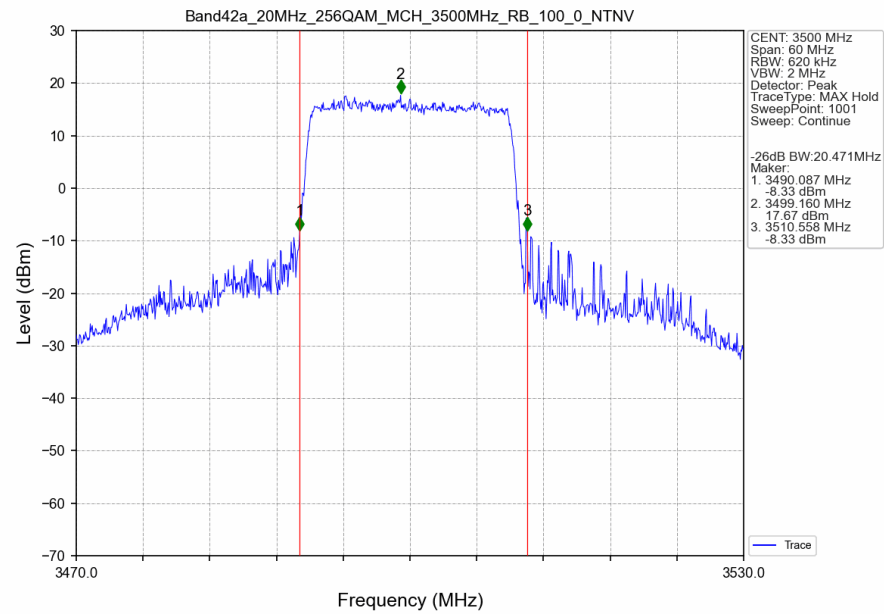




Band42a_20MHz_64QAM_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV



4. Peak-Average Ratio

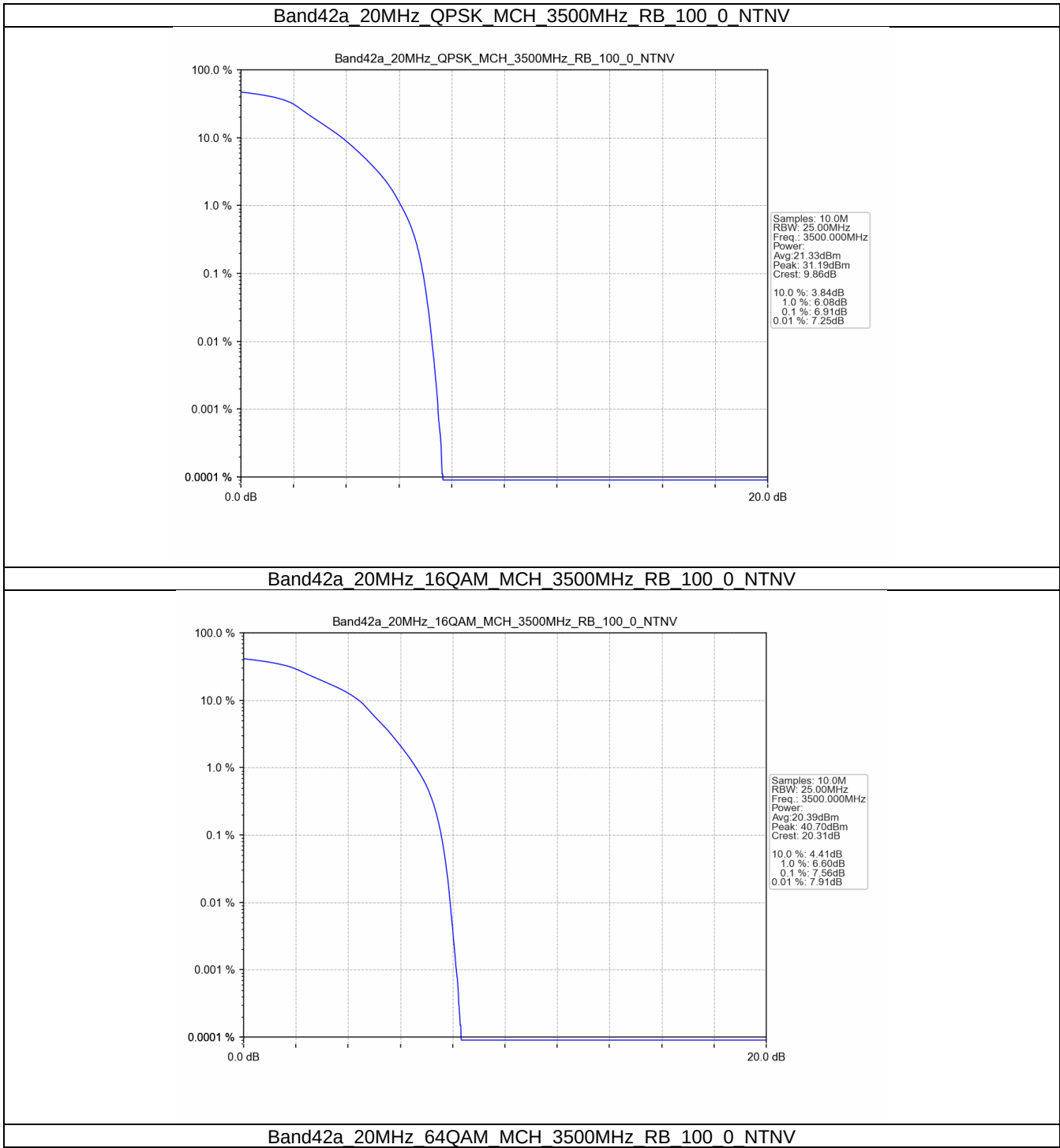
4.1 Test Result

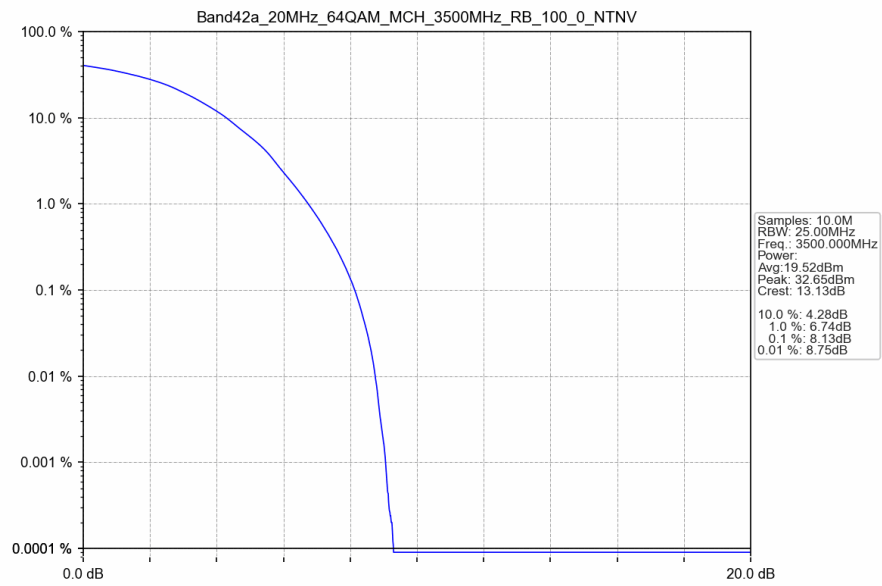
4.1.1 B42a_20MHz

Band: 42a / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3500	100	0	6.91	<=13	Pass
16QAM	3500	100	0	7.56	<=13	Pass
64QAM	3500	100	0	8.13	<=13	Pass
256QAM	3500	100	0	8.62	<=13	Pass

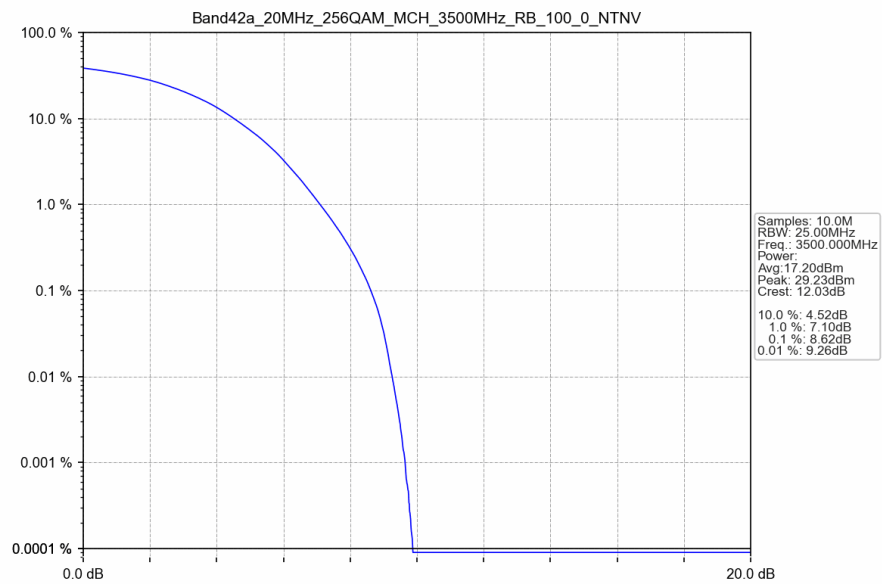
4.2 Test Graph

4.2.1 B42a_20MHz





Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B42a_5MHz

Band: 42a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3452.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3547.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B42a_10MHz

Band: 42a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3455	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3545	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B42a_15MHz

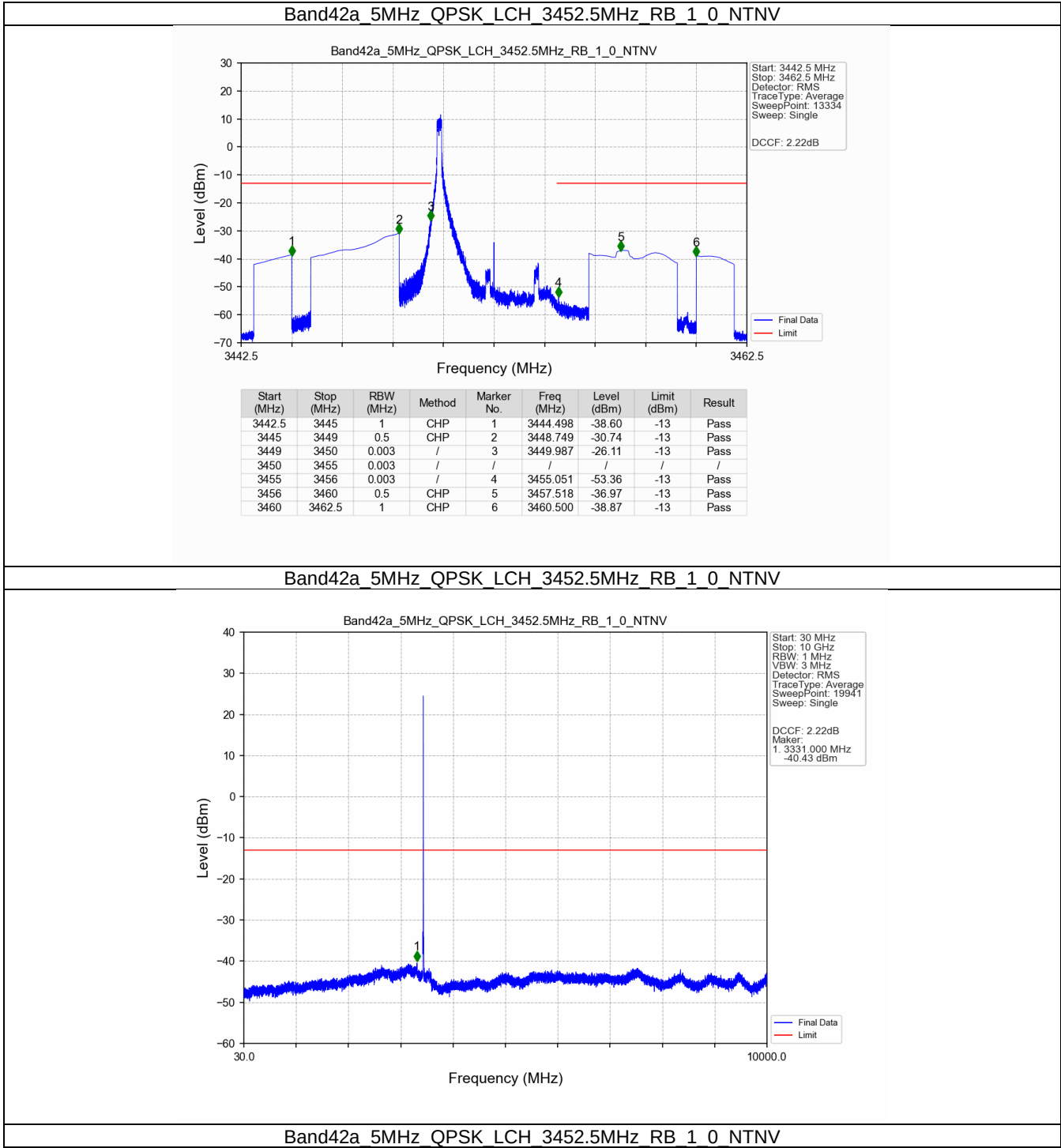
Band: 42a / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3457.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3542.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

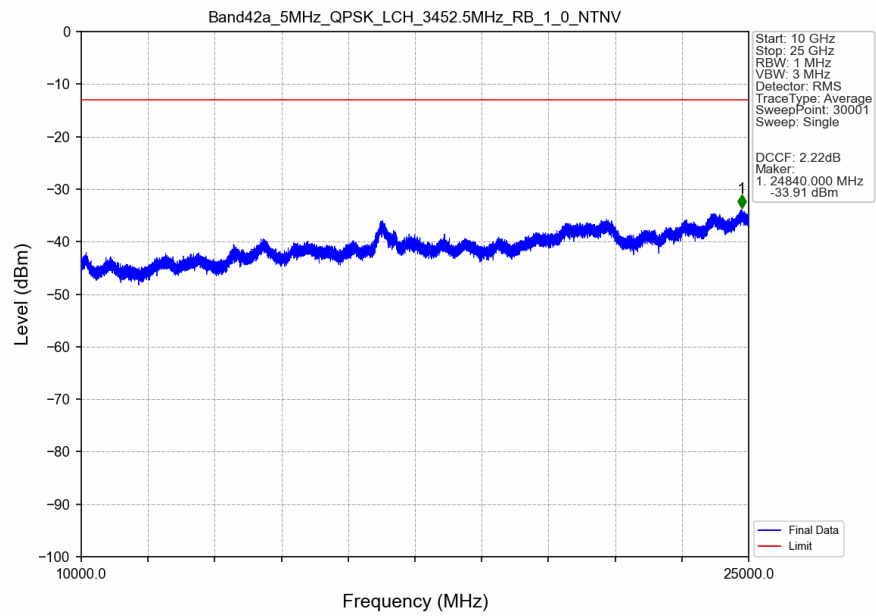
5.1.4 B42a_20MHz

Band: 42a / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3460	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3540	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 B42a_5MHz





Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV

