

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B48_5MHz_EIRP

Band: 48 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	24.80	-2.50	22.30	/	Pass
			13	24.59	-2.50	22.09	/	Pass
			24	24.65	-2.50	22.15	/	Pass
		12	0	23.91	-2.50	21.41	/	Pass
			6	23.60	-2.50	21.10	/	Pass
			13	23.69	-2.50	21.19	/	Pass
		25	0	23.93	-2.50	21.43	/	Pass
	3625	1	0	24.80	-2.50	22.30	/	Pass
			13	24.77	-2.50	22.27	/	Pass
			24	25.04	-2.50	22.54	/	Pass
		12	0	23.91	-2.50	21.41	/	Pass
			6	24.06	-2.50	21.56	/	Pass
			13	24.04	-2.50	21.54	/	Pass
		25	0	24.07	-2.50	21.57	/	Pass
	3697.5	1	0	24.96	-2.50	22.46	/	Pass
			13	24.75	-2.50	22.25	/	Pass
			24	24.78	-2.50	22.28	/	Pass
		12	0	23.89	-2.50	21.39	/	Pass
			6	23.85	-2.50	21.35	/	Pass
			13	23.81	-2.50	21.31	/	Pass
		25	0	23.92	-2.50	21.42	/	Pass
16QAM	3552.5	1	0	23.97	-2.50	21.47	/	Pass
			13	23.74	-2.50	21.24	/	Pass
			24	23.74	-2.50	21.24	/	Pass
		12	0	22.87	-2.50	20.37	/	Pass
			6	22.66	-2.50	20.16	/	Pass
			13	22.68	-2.50	20.18	/	Pass
		25	0	22.66	-2.50	20.16	/	Pass
	3625	1	0	23.94	-2.50	21.44	/	Pass
			13	23.77	-2.50	21.27	/	Pass
			24	24.03	-2.50	21.53	/	Pass
		12	0	22.84	-2.50	20.34	/	Pass
			6	22.95	-2.50	20.45	/	Pass
			13	23.06	-2.50	20.56	/	Pass
		25	0	22.99	-2.50	20.49	/	Pass
	3697.5	1	0	23.95	-2.50	21.45	/	Pass
			13	23.71	-2.50	21.21	/	Pass
			24	23.96	-2.50	21.46	/	Pass
		12	0	22.85	-2.50	20.35	/	Pass
			6	22.98	-2.50	20.48	/	Pass
			13	22.84	-2.50	20.34	/	Pass
		25	0	22.76	-2.50	20.26	/	Pass
64QAM	3552.5	1	0	23.05	-2.50	20.55	/	Pass
			13	22.71	-2.50	20.21	/	Pass
			24	22.61	-2.50	20.11	/	Pass
		12	0	21.80	-2.50	19.30	/	Pass
			6	21.60	-2.50	19.10	/	Pass
			13	21.74	-2.50	19.24	/	Pass
		25	0	21.79	-2.50	19.29	/	Pass
	3625	1	0	22.60	-2.50	20.10	/	Pass
			13	22.82	-2.50	20.32	/	Pass
			24	22.77	-2.50	20.27	/	Pass
	3625	12	0	21.99	-2.50	19.49	/	Pass
			6	22.05	-2.50	19.55	/	Pass

			13	21.94	-2.50	19.44	/	Pass
		25	0	22.11	-2.50	19.61	/	Pass
	3697.5	1	0	22.91	-2.50	20.41	/	Pass
			13	22.62	-2.50	20.12	/	Pass
			24	22.82	-2.50	20.32	/	Pass
			0	21.99	-2.50	19.49	/	Pass
		12	6	21.87	-2.50	19.37	/	Pass
			13	21.88	-2.50	19.38	/	Pass
			25	0	21.90	-2.50	19.40	/
256QAM	3552.5	1	0	20.09	-2.50	17.59	/	Pass
			13	19.74	-2.50	17.24	/	Pass
			24	19.74	-2.50	17.24	/	Pass
		12	0	19.88	-2.50	17.38	/	Pass
			6	19.96	-2.50	17.46	/	Pass
			13	19.85	-2.50	17.35	/	Pass
			25	0	19.96	-2.50	17.46	/
	3625	1	0	20.28	-2.50	17.78	/	Pass
			13	20.22	-2.50	17.72	/	Pass
			24	20.03	-2.50	17.53	/	Pass
		12	0	20.14	-2.50	17.64	/	Pass
			6	19.95	-2.50	17.45	/	Pass
			13	20.03	-2.50	17.53	/	Pass
			25	0	19.95	-2.50	17.45	/
	3697.5	1	0	20.01	-2.50	17.51	/	Pass
			13	20.05	-2.50	17.55	/	Pass
			24	20.37	-2.50	17.87	/	Pass
		12	0	20.15	-2.50	17.65	/	Pass
			6	20.18	-2.50	17.68	/	Pass
			13	20.15	-2.50	17.65	/	Pass
		25	0	20.21	-2.50	17.71	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B48_5MHz_EIRP/10MHz

Band: 48 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	24.39	-2.50	21.89	<=23	Pass
			13	25.32	-2.50	22.82	<=23	Pass
			24	24.34	-2.50	21.84	<=23	Pass
		12	0	24.93	-2.50	22.43	<=23	Pass
			6	24.53	-2.50	22.03	<=23	Pass
			13	24.58	-2.50	22.08	<=23	Pass
		25	0	25.19	-2.50	22.69	<=23	Pass
	3625	1	0	24.61	-2.50	22.11	<=23	Pass
			13	24.69	-2.50	22.19	<=23	Pass
			24	24.82	-2.50	22.32	<=23	Pass
		12	0	24.44	-2.50	21.94	<=23	Pass
			6	23.15	-2.50	20.65	<=23	Pass
			13	24.17	-2.50	21.67	<=23	Pass
		25	0	23.98	-2.50	21.48	<=23	Pass
	3697.5	1	0	25.30	-2.50	22.80	<=23	Pass
			13	24.82	-2.50	22.32	<=23	Pass
			24	24.69	-2.50	22.19	<=23	Pass
		12	0	24.02	-2.50	21.52	<=23	Pass
			6	24.01	-2.50	21.51	<=23	Pass
			13	22.84	-2.50	20.34	<=23	Pass
		25	0	23.26	-2.50	20.76	<=23	Pass
16QAM	3552.5	1	0	24.93	-2.50	22.43	<=23	Pass
			13	24.61	-2.50	22.11	<=23	Pass
			24	25.19	-2.50	22.69	<=23	Pass
		12	0	23.57	-2.50	21.07	<=23	Pass

			6	23.44	-2.50	20.94	<=23	Pass
			13	24.01	-2.50	21.51	<=23	Pass
		25	0	24.24	-2.50	21.74	<=23	Pass
	3625	1	0	24.15	-2.50	21.65	<=23	Pass
			13	23.20	-2.50	20.70	<=23	Pass
			24	24.24	-2.50	21.74	<=23	Pass
		12	0	23.05	-2.50	20.55	<=23	Pass
			6	23.18	-2.50	20.68	<=23	Pass
			13	22.32	-2.50	19.82	<=23	Pass
		25	0	22.86	-2.50	20.36	<=23	Pass
	3697.5	1	0	24.57	-2.50	22.07	<=23	Pass
			13	22.95	-2.50	20.45	<=23	Pass
			24	24.48	-2.50	21.98	<=23	Pass
		12	0	22.01	-2.50	19.51	<=23	Pass
			6	23.22	-2.50	20.72	<=23	Pass
			13	23.40	-2.50	20.90	<=23	Pass
		25	0	22.97	-2.50	20.47	<=23	Pass
64QAM	3552.5	1	0	23.74	-2.50	21.24	<=23	Pass
			13	24.38	-2.50	21.88	<=23	Pass
			24	23.61	-2.50	21.11	<=23	Pass
		12	0	22.80	-2.50	20.30	<=23	Pass
			6	22.53	-2.50	20.03	<=23	Pass
			13	22.54	-2.50	20.04	<=23	Pass
		25	0	23.22	-2.50	20.72	<=23	Pass
	3625	1	0	21.30	-2.50	18.80	<=23	Pass
			13	21.77	-2.50	19.27	<=23	Pass
			24	22.93	-2.50	20.43	<=23	Pass
		12	0	20.84	-2.50	18.34	<=23	Pass
			6	21.76	-2.50	19.26	<=23	Pass
			13	22.42	-2.50	19.92	<=23	Pass
		25	0	21.41	-2.50	18.91	<=23	Pass
	3697.5	1	0	23.37	-2.50	20.87	<=23	Pass
			13	22.03	-2.50	19.53	<=23	Pass
			24	23.00	-2.50	20.50	<=23	Pass
		12	0	21.08	-2.50	18.58	<=23	Pass
			6	22.49	-2.50	19.99	<=23	Pass
			13	20.70	-2.50	18.20	<=23	Pass
		25	0	21.06	-2.50	18.56	<=23	Pass
256QAM	3552.5	1	0	20.86	-2.50	18.36	<=23	Pass
			13	20.56	-2.50	18.06	<=23	Pass
			24	21.28	-2.50	18.78	<=23	Pass
		12	0	21.43	-2.50	18.93	<=23	Pass
			6	20.84	-2.50	18.34	<=23	Pass
			13	20.35	-2.50	17.85	<=23	Pass
		25	0	21.27	-2.50	18.77	<=23	Pass
	3625	1	0	19.30	-2.50	16.80	<=23	Pass
			13	20.49	-2.50	17.99	<=23	Pass
			24	19.18	-2.50	16.68	<=23	Pass
		12	0	20.50	-2.50	18.00	<=23	Pass
			6	20.21	-2.50	17.71	<=23	Pass
			13	19.08	-2.50	16.58	<=23	Pass
		25	0	19.41	-2.50	16.91	<=23	Pass
	3697.5	1	0	20.86	-2.50	18.36	<=23	Pass
			13	20.33	-2.50	17.83	<=23	Pass
			24	19.53	-2.50	17.03	<=23	Pass
12		0	19.57	-2.50	17.07	<=23	Pass	
		6	20.69	-2.50	18.19	<=23	Pass	
		13	19.17	-2.50	16.67	<=23	Pass	
25		0	20.11	-2.50	17.61	<=23	Pass	
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

1.1.3 B48_10MHz_EIRP

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	24.56	-2.50	22.06	/	Pass
			25	24.50	-2.50	22.00	/	Pass
			49	24.49	-2.50	21.99	/	Pass
		25	0	23.51	-2.50	21.01	/	Pass
			13	23.59	-2.50	21.09	/	Pass
			25	23.62	-2.50	21.12	/	Pass
		50	0	23.64	-2.50	21.14	/	Pass
			0	24.57	-2.50	22.07	/	Pass
			25	24.37	-2.50	21.87	/	Pass
	3625	1	49	24.69	-2.50	22.19	/	Pass
			0	23.74	-2.50	21.24	/	Pass
			13	23.53	-2.50	21.03	/	Pass
		25	25	23.69	-2.50	21.19	/	Pass
			0	23.81	-2.50	21.31	/	Pass
			0	24.69	-2.50	22.19	/	Pass
		50	25	24.54	-2.50	22.04	/	Pass
			49	24.75	-2.50	22.25	/	Pass
			0	24.04	-2.50	21.54	/	Pass
16QAM	3555	1	13	23.84	-2.50	21.34	/	Pass
			25	23.97	-2.50	21.47	/	Pass
			0	24.03	-2.50	21.53	/	Pass
		25	0	23.69	-2.50	21.19	/	Pass
			25	23.61	-2.50	21.11	/	Pass
			49	23.65	-2.50	21.15	/	Pass
		50	0	22.44	-2.50	19.94	/	Pass
			13	22.42	-2.50	19.92	/	Pass
			25	22.59	-2.50	20.09	/	Pass
	3625	1	0	22.46	-2.50	19.96	/	Pass
			0	23.40	-2.50	20.90	/	Pass
			25	23.68	-2.50	21.18	/	Pass
		25	49	23.66	-2.50	21.16	/	Pass
			0	22.71	-2.50	20.21	/	Pass
			13	22.66	-2.50	20.16	/	Pass
		50	25	22.71	-2.50	20.21	/	Pass
			0	22.67	-2.50	20.17	/	Pass
			0	24.25	-2.50	21.75	/	Pass
64QAM	3555	1	25	24.24	-2.50	21.74	/	Pass
			49	24.07	-2.50	21.57	/	Pass
			0	22.94	-2.50	20.44	/	Pass
		25	13	23.05	-2.50	20.55	/	Pass
			25	22.82	-2.50	20.32	/	Pass
			0	23.04	-2.50	20.54	/	Pass
		50	0	22.74	-2.50	20.24	/	Pass
			25	22.21	-2.50	19.71	/	Pass
			49	22.61	-2.50	20.11	/	Pass
	3625	1	0	21.48	-2.50	18.98	/	Pass
			13	21.59	-2.50	19.09	/	Pass
			25	21.64	-2.50	19.14	/	Pass
		25	0	21.62	-2.50	19.12	/	Pass
			0	22.76	-2.50	20.26	/	Pass
			25	22.75	-2.50	20.25	/	Pass
		50	49	22.68	-2.50	20.18	/	Pass
			0	21.74	-2.50	19.24	/	Pass
			13	21.57	-2.50	19.07	/	Pass
64QAM	3695	1	25	21.79	-2.50	19.29	/	Pass
			0	21.61	-2.50	19.11	/	Pass
			0	22.27	-2.50	19.77	/	Pass
		25	25	22.51	-2.50	20.01	/	Pass
			49	22.51	-2.50	20.01	/	Pass
			0	21.88	-2.50	19.38	/	Pass
		50	13	21.85	-2.50	19.35	/	Pass

			25	21.98	-2.50	19.48	/	Pass	
		50	0	22.03	-2.50	19.53	/	Pass	
256QAM	3555	1	0	19.88	-2.50	17.38	/	Pass	
			25	19.53	-2.50	17.03	/	Pass	
			49	19.52	-2.50	17.02	/	Pass	
			0	19.68	-2.50	17.18	/	Pass	
		25	13	19.58	-2.50	17.08	/	Pass	
			25	19.63	-2.50	17.13	/	Pass	
			50	0	19.70	-2.50	17.20	/	Pass
		3625	1	0	19.57	-2.50	17.07	/	Pass
				25	19.81	-2.50	17.31	/	Pass
	49			19.86	-2.50	17.36	/	Pass	
	25		0	19.68	-2.50	17.18	/	Pass	
			13	19.76	-2.50	17.26	/	Pass	
			25	19.98	-2.50	17.48	/	Pass	
	50		0	19.89	-2.50	17.39	/	Pass	
	3695		1	0	20.30	-2.50	17.80	/	Pass
				25	20.28	-2.50	17.78	/	Pass
		49		20.18	-2.50	17.68	/	Pass	
		25	0	20.13	-2.50	17.63	/	Pass	
			13	20.18	-2.50	17.68	/	Pass	
			25	20.09	-2.50	17.59	/	Pass	
		50	0	20.28	-2.50	17.78	/	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B48_10MHz_EIRP/10MHz

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	24.31	-2.50	21.81	<=23	Pass
			25	25.48	-2.50	22.98	<=23	Pass
			49	25.32	-2.50	22.82	<=23	Pass
		25	0	24.65	-2.50	22.15	<=23	Pass
			13	24.45	-2.50	21.95	<=23	Pass
			25	24.48	-2.50	21.98	<=23	Pass
		50	0	24.50	-2.50	22.00	<=23	Pass
	3625	1	0	24.61	-2.50	22.11	<=23	Pass
			25	24.36	-2.50	21.86	<=23	Pass
			49	24.32	-2.50	21.82	<=23	Pass
		25	0	22.52	-2.50	20.02	<=23	Pass
			13	22.48	-2.50	19.98	<=23	Pass
			25	22.96	-2.50	20.46	<=23	Pass
		50	0	23.88	-2.50	21.38	<=23	Pass
	3695	1	0	24.48	-2.50	21.98	<=23	Pass
			25	24.71	-2.50	22.21	<=23	Pass
			49	25.16	-2.50	22.66	<=23	Pass
		25	0	23.63	-2.50	21.13	<=23	Pass
			13	22.84	-2.50	20.34	<=23	Pass
			25	23.04	-2.50	20.54	<=23	Pass
		50	0	23.17	-2.50	20.67	<=23	Pass
16QAM	3555	1	0	24.83	-2.50	22.33	<=23	Pass
			25	24.43	-2.50	21.93	<=23	Pass
			49	24.46	-2.50	21.96	<=23	Pass
		25	0	23.63	-2.50	21.13	<=23	Pass
			13	23.49	-2.50	20.99	<=23	Pass
			25	23.51	-2.50	21.01	<=23	Pass
		50	0	23.48	-2.50	20.98	<=23	Pass
	3625	1	0	22.34	-2.50	19.84	<=23	Pass
			25	22.06	-2.50	19.56	<=23	Pass
			49	22.37	-2.50	19.87	<=23	Pass
		25	0	21.48	-2.50	18.98	<=23	Pass

			13	22.87	-2.50	20.37	<=23	Pass
			25	22.76	-2.50	20.26	<=23	Pass
		50	0	21.44	-2.50	18.94	<=23	Pass
	3695	1	0	23.10	-2.50	20.60	<=23	Pass
			25	22.95	-2.50	20.45	<=23	Pass
			49	22.59	-2.50	20.09	<=23	Pass
		25	0	23.28	-2.50	20.78	<=23	Pass
			13	22.03	-2.50	19.53	<=23	Pass
			25	21.80	-2.50	19.30	<=23	Pass
		50	0	22.01	-2.50	19.51	<=23	Pass
64QAM	3555	1	0	23.71	-2.50	21.21	<=23	Pass
			25	23.60	-2.50	21.10	<=23	Pass
			49	23.25	-2.50	20.75	<=23	Pass
		25	0	22.59	-2.50	20.09	<=23	Pass
			13	22.47	-2.50	19.97	<=23	Pass
			25	22.43	-2.50	19.93	<=23	Pass
		50	0	22.52	-2.50	20.02	<=23	Pass
	3625	1	0	21.42	-2.50	18.92	<=23	Pass
			25	21.75	-2.50	19.25	<=23	Pass
			49	22.84	-2.50	20.34	<=23	Pass
		25	0	21.74	-2.50	19.24	<=23	Pass
			13	20.40	-2.50	17.90	<=23	Pass
			25	20.56	-2.50	18.06	<=23	Pass
		50	0	20.46	-2.50	17.96	<=23	Pass
	3695	1	0	21.92	-2.50	19.42	<=23	Pass
			25	23.17	-2.50	20.67	<=23	Pass
			49	21.20	-2.50	18.70	<=23	Pass
		25	0	22.24	-2.50	19.74	<=23	Pass
			13	20.81	-2.50	18.31	<=23	Pass
			25	22.25	-2.50	19.75	<=23	Pass
		50	0	21.72	-2.50	19.22	<=23	Pass
256QAM	3555	1	0	20.85	-2.50	18.35	<=23	Pass
			25	20.74	-2.50	18.24	<=23	Pass
			49	20.62	-2.50	18.12	<=23	Pass
		25	0	20.81	-2.50	18.31	<=23	Pass
			13	20.72	-2.50	18.22	<=23	Pass
			25	20.63	-2.50	18.13	<=23	Pass
		50	0	20.61	-2.50	18.11	<=23	Pass
	3625	1	0	18.65	-2.50	16.15	<=23	Pass
			25	18.89	-2.50	16.39	<=23	Pass
			49	20.07	-2.50	17.57	<=23	Pass
		25	0	18.81	-2.50	16.31	<=23	Pass
			13	18.58	-2.50	16.08	<=23	Pass
			25	19.62	-2.50	17.12	<=23	Pass
		50	0	19.71	-2.50	17.21	<=23	Pass
	3695	1	0	19.17	-2.50	16.67	<=23	Pass
			25	19.67	-2.50	17.17	<=23	Pass
			49	20.59	-2.50	18.09	<=23	Pass
25		0	19.13	-2.50	16.63	<=23	Pass	
		13	19.10	-2.50	16.60	<=23	Pass	
		25	18.96	-2.50	16.46	<=23	Pass	
50		0	19.04	-2.50	16.54	<=23	Pass	
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

1.1.5 B48_15MHz_EIRP

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	24.58	-2.50	22.08	/	Pass
			38	24.38	-2.50	21.88	/	Pass
			74	24.75	-2.50	22.25	/	Pass

		36	0	23.55	-2.50	21.05	/	Pass
			18	23.49	-2.50	20.99	/	Pass
			39	23.58	-2.50	21.08	/	Pass
		75	0	23.69	-2.50	21.19	/	Pass
	3625	1	0	24.41	-2.50	21.91	/	Pass
			38	24.40	-2.50	21.90	/	Pass
			74	24.64	-2.50	22.14	/	Pass
		36	0	23.42	-2.50	20.92	/	Pass
			18	23.50	-2.50	21.00	/	Pass
			39	23.51	-2.50	21.01	/	Pass
		75	0	23.46	-2.50	20.96	/	Pass
	3692.5	1	0	24.78	-2.50	22.28	/	Pass
			38	24.76	-2.50	22.26	/	Pass
			74	24.39	-2.50	21.89	/	Pass
		36	0	23.93	-2.50	21.43	/	Pass
			18	23.82	-2.50	21.32	/	Pass
			39	23.64	-2.50	21.14	/	Pass
		75	0	23.93	-2.50	21.43	/	Pass
16QAM	3557.5	1	0	23.62	-2.50	21.12	/	Pass
			38	23.52	-2.50	21.02	/	Pass
			74	23.97	-2.50	21.47	/	Pass
		36	0	22.55	-2.50	20.05	/	Pass
			18	22.47	-2.50	19.97	/	Pass
			39	22.61	-2.50	20.11	/	Pass
		75	0	22.43	-2.50	19.93	/	Pass
	3625	1	0	23.33	-2.50	20.83	/	Pass
			38	23.37	-2.50	20.87	/	Pass
			74	23.66	-2.50	21.16	/	Pass
		36	0	22.56	-2.50	20.06	/	Pass
			18	22.49	-2.50	19.99	/	Pass
			39	22.65	-2.50	20.15	/	Pass
		75	0	22.55	-2.50	20.05	/	Pass
	3692.5	1	0	24.31	-2.50	21.81	/	Pass
			38	24.00	-2.50	21.50	/	Pass
			74	23.50	-2.50	21.00	/	Pass
		36	0	22.88	-2.50	20.38	/	Pass
			18	22.91	-2.50	20.41	/	Pass
			39	22.66	-2.50	20.16	/	Pass
		75	0	22.93	-2.50	20.43	/	Pass
64QAM	3557.5	1	0	22.63	-2.50	20.13	/	Pass
			38	22.62	-2.50	20.12	/	Pass
			74	22.58	-2.50	20.08	/	Pass
		36	0	21.34	-2.50	18.84	/	Pass
			18	21.65	-2.50	19.15	/	Pass
			39	21.54	-2.50	19.04	/	Pass
		75	0	21.43	-2.50	18.93	/	Pass
	3625	1	0	22.66	-2.50	20.16	/	Pass
			38	22.51	-2.50	20.01	/	Pass
			74	22.62	-2.50	20.12	/	Pass
		36	0	21.51	-2.50	19.01	/	Pass
			18	21.44	-2.50	18.94	/	Pass
			39	21.52	-2.50	19.02	/	Pass
		75	0	21.67	-2.50	19.17	/	Pass
	3692.5	1	0	23.08	-2.50	20.58	/	Pass
			38	22.59	-2.50	20.09	/	Pass
			74	22.64	-2.50	20.14	/	Pass
		36	0	22.02	-2.50	19.52	/	Pass
			18	21.94	-2.50	19.44	/	Pass
			39	21.84	-2.50	19.34	/	Pass
		75	0	21.97	-2.50	19.47	/	Pass
256QAM	3557.5	1	0	19.61	-2.50	17.11	/	Pass
			38	19.67	-2.50	17.17	/	Pass
			74	19.80	-2.50	17.30	/	Pass
		36	0	19.71	-2.50	17.21	/	Pass

			18	19.62	-2.50	17.12	/	Pass
			39	19.79	-2.50	17.29	/	Pass
		75	0	19.74	-2.50	17.24	/	Pass
	3625	1	0	19.58	-2.50	17.08	/	Pass
			38	19.65	-2.50	17.15	/	Pass
			74	19.88	-2.50	17.38	/	Pass
		36	0	19.51	-2.50	17.01	/	Pass
			18	19.76	-2.50	17.26	/	Pass
			39	19.73	-2.50	17.23	/	Pass
		75	0	19.72	-2.50	17.22	/	Pass
		3692.5	1	0	20.35	-2.50	17.85	/
	38			20.20	-2.50	17.70	/	Pass
	74			19.80	-2.50	17.30	/	Pass
	36		0	20.13	-2.50	17.63	/	Pass
			18	20.00	-2.50	17.50	/	Pass
			39	19.97	-2.50	17.47	/	Pass
	75		0	20.15	-2.50	17.65	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B48_15MHz_EIRP/10MHz

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	24.41	-2.50	21.91	<=23	Pass
			38	24.01	-2.50	21.51	<=23	Pass
			74	25.45	-2.50	22.95	<=23	Pass
		36	0	24.39	-2.50	21.89	<=23	Pass
			18	24.50	-2.50	22.00	<=23	Pass
			39	24.44	-2.50	21.94	<=23	Pass
		75	0	23.20	-2.50	20.70	<=23	Pass
	3625	1	0	24.50	-2.50	22.00	<=23	Pass
			38	24.37	-2.50	21.87	<=23	Pass
			74	24.32	-2.50	21.82	<=23	Pass
		36	0	22.06	-2.50	19.56	<=23	Pass
			18	22.28	-2.50	19.78	<=23	Pass
			39	23.27	-2.50	20.77	<=23	Pass
		75	0	22.52	-2.50	20.02	<=23	Pass
	3692.5	1	0	24.76	-2.50	22.26	<=23	Pass
			38	24.42	-2.50	21.92	<=23	Pass
			74	24.73	-2.50	22.23	<=23	Pass
		36	0	24.02	-2.50	21.52	<=23	Pass
			18	23.10	-2.50	20.60	<=23	Pass
			39	22.63	-2.50	20.13	<=23	Pass
		75	0	21.44	-2.50	18.94	<=23	Pass
16QAM	3557.5	1	0	24.96	-2.50	22.46	<=23	Pass
			38	24.70	-2.50	22.20	<=23	Pass
			74	24.74	-2.50	22.24	<=23	Pass
		36	0	23.80	-2.50	21.30	<=23	Pass
			18	23.72	-2.50	21.22	<=23	Pass
			39	23.57	-2.50	21.07	<=23	Pass
		75	0	22.34	-2.50	19.84	<=23	Pass
	3625	1	0	22.84	-2.50	20.34	<=23	Pass
			38	21.93	-2.50	19.43	<=23	Pass
			74	22.65	-2.50	20.15	<=23	Pass
		36	0	22.39	-2.50	19.89	<=23	Pass
			18	22.90	-2.50	20.40	<=23	Pass
			39	21.65	-2.50	19.15	<=23	Pass
		75	0	19.85	-2.50	17.35	<=23	Pass
	3692.5	1	0	24.16	-2.50	21.66	<=23	Pass
			38	23.85	-2.50	21.35	<=23	Pass
			74	22.86	-2.50	20.36	<=23	Pass

		36	0	23.00	-2.50	20.50	<=23	Pass		
			18	23.04	-2.50	20.54	<=23	Pass		
			39	21.74	-2.50	19.24	<=23	Pass		
		75	0	20.44	-2.50	17.94	<=23	Pass		
64QAM	3557.5	1	0	23.94	-2.50	21.44	<=23	Pass		
			38	23.76	-2.50	21.26	<=23	Pass		
			74	23.23	-2.50	20.73	<=23	Pass		
		36	0	22.56	-2.50	20.06	<=23	Pass		
			18	22.77	-2.50	20.27	<=23	Pass		
			39	22.63	-2.50	20.13	<=23	Pass		
		75	0	21.36	-2.50	18.86	<=23	Pass		
		3625	1	0	21.24	-2.50	18.74	<=23	Pass	
				38	21.41	-2.50	18.91	<=23	Pass	
	74			23.31	-2.50	20.81	<=23	Pass		
	36		0	21.35	-2.50	18.85	<=23	Pass		
			18	20.16	-2.50	17.66	<=23	Pass		
			39	20.07	-2.50	17.57	<=23	Pass		
	75		0	19.52	-2.50	17.02	<=23	Pass		
	3692.5		1	0	22.67	-2.50	20.17	<=23	Pass	
				38	23.34	-2.50	20.84	<=23	Pass	
		74		22.20	-2.50	19.70	<=23	Pass		
		36	0	22.15	-2.50	19.65	<=23	Pass		
			18	22.26	-2.50	19.76	<=23	Pass		
			39	20.68	-2.50	18.18	<=23	Pass		
		75	0	19.63	-2.50	17.13	<=23	Pass		
		256QAM	3557.5	1	0	21.07	-2.50	18.57	<=23	Pass
					38	20.85	-2.50	18.35	<=23	Pass
	74				20.73	-2.50	18.23	<=23	Pass	
	36			0	20.88	-2.50	18.38	<=23	Pass	
				18	20.78	-2.50	18.28	<=23	Pass	
				39	20.83	-2.50	18.33	<=23	Pass	
75	0			19.51	-2.50	17.01	<=23	Pass		
3625	1			0	18.26	-2.50	15.76	<=23	Pass	
				38	18.41	-2.50	15.91	<=23	Pass	
			74	19.89	-2.50	17.39	<=23	Pass		
	36		0	19.97	-2.50	17.47	<=23	Pass		
			18	18.62	-2.50	16.12	<=23	Pass		
			39	19.90	-2.50	17.40	<=23	Pass		
	75		0	18.11	-2.50	15.61	<=23	Pass		
	3692.5		1	0	18.97	-2.50	16.47	<=23	Pass	
				38	19.08	-2.50	16.58	<=23	Pass	
74				19.06	-2.50	16.56	<=23	Pass		
36			0	20.46	-2.50	17.96	<=23	Pass		
			18	19.16	-2.50	16.66	<=23	Pass		
			39	19.00	-2.50	16.50	<=23	Pass		
75			0	17.56	-2.50	15.06	<=23	Pass		
Note1: EIRP/10MHz=Conducted Power+Antenna Gain										

1.1.7 B48_20MHz_EIRP

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	24.44	-2.50	21.94	/	Pass
			50	24.35	-2.50	21.85	/	Pass
			99	24.55	-2.50	22.05	/	Pass
		50	0	23.50	-2.50	21.00	/	Pass
			25	23.67	-2.50	21.17	/	Pass
			50	23.59	-2.50	21.09	/	Pass
		100	0	23.74	-2.50	21.24	/	Pass
			0	24.38	-2.50	21.88	/	Pass
			50	24.42	-2.50	21.92	/	Pass
	3625	1	0	24.42	-2.50	21.92	/	Pass

		50	99	24.62	-2.50	22.12	/	Pass
			0	23.59	-2.50	21.09	/	Pass
			25	23.55	-2.50	21.05	/	Pass
			50	23.66	-2.50	21.16	/	Pass
	3690	100	0	23.53	-2.50	21.03	/	Pass
			0	25.15	-2.50	22.65	/	Pass
			50	24.74	-2.50	22.24	/	Pass
		1	99	24.66	-2.50	22.16	/	Pass
			0	23.91	-2.50	21.41	/	Pass
			25	23.78	-2.50	21.28	/	Pass
		50	50	23.82	-2.50	21.32	/	Pass
			0	23.91	-2.50	21.41	/	Pass
16QAM	3560	1	0	23.56	-2.50	21.06	/	Pass
			50	23.59	-2.50	21.09	/	Pass
			99	23.64	-2.50	21.14	/	Pass
		50	0	22.46	-2.50	19.96	/	Pass
			25	22.47	-2.50	19.97	/	Pass
			50	22.62	-2.50	20.12	/	Pass
		100	0	22.64	-2.50	20.14	/	Pass
			0	23.51	-2.50	21.01	/	Pass
			50	23.42	-2.50	20.92	/	Pass
	3625	1	99	24.31	-2.50	21.81	/	Pass
			0	22.62	-2.50	20.12	/	Pass
			25	22.52	-2.50	20.02	/	Pass
		50	50	22.61	-2.50	20.11	/	Pass
			0	22.69	-2.50	20.19	/	Pass
			0	23.85	-2.50	21.35	/	Pass
	3690	1	50	23.88	-2.50	21.38	/	Pass
			99	23.69	-2.50	21.19	/	Pass
		50	0	23.10	-2.50	20.60	/	Pass
			25	22.90	-2.50	20.40	/	Pass
			50	22.91	-2.50	20.41	/	Pass
		100	0	22.80	-2.50	20.30	/	Pass
64QAM	3560	1	0	22.48	-2.50	19.98	/	Pass
			50	22.44	-2.50	19.94	/	Pass
			99	22.47	-2.50	19.97	/	Pass
		50	0	21.40	-2.50	18.90	/	Pass
			25	21.48	-2.50	18.98	/	Pass
			50	21.73	-2.50	19.23	/	Pass
		100	0	21.51	-2.50	19.01	/	Pass
			0	22.56	-2.50	20.06	/	Pass
			50	22.26	-2.50	19.76	/	Pass
	3625	1	99	22.68	-2.50	20.18	/	Pass
			0	21.60	-2.50	19.10	/	Pass
			25	21.69	-2.50	19.19	/	Pass
		50	50	21.84	-2.50	19.34	/	Pass
			0	21.63	-2.50	19.13	/	Pass
			0	23.04	-2.50	20.54	/	Pass
	3690	1	50	22.85	-2.50	20.35	/	Pass
			99	22.23	-2.50	19.73	/	Pass
		50	0	22.18	-2.50	19.68	/	Pass
			25	21.92	-2.50	19.42	/	Pass
			50	21.80	-2.50	19.30	/	Pass
		100	0	21.90	-2.50	19.40	/	Pass
256QAM	3560	1	0	19.83	-2.50	17.33	/	Pass
			50	19.81	-2.50	17.31	/	Pass
			99	20.00	-2.50	17.50	/	Pass
		50	0	19.64	-2.50	17.14	/	Pass
			25	19.82	-2.50	17.32	/	Pass
			50	19.79	-2.50	17.29	/	Pass
		100	0	19.84	-2.50	17.34	/	Pass
	3625	1	0	19.23	-2.50	16.73	/	Pass
			50	19.34	-2.50	16.84	/	Pass
			99	19.74	-2.50	17.24	/	Pass

		50	0	19.77	-2.50	17.27	/	Pass
			25	19.79	-2.50	17.29	/	Pass
			50	19.94	-2.50	17.44	/	Pass
		100	0	19.92	-2.50	17.42	/	Pass
	3690	1	0	20.42	-2.50	17.92	/	Pass
			50	20.17	-2.50	17.67	/	Pass
			99	20.10	-2.50	17.60	/	Pass
		50	0	20.17	-2.50	17.67	/	Pass
			25	20.16	-2.50	17.66	/	Pass
			50	20.09	-2.50	17.59	/	Pass
		100	0	20.20	-2.50	17.70	/	Pass
		Note1: EIRP=Conducted Power+Antenna Gain						

1.1.8 B48_20MHz_EIRP/10MHz

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	25.44	-2.50	22.94	<=23	Pass
			50	24.11	-2.50	21.61	<=23	Pass
			99	25.25	-2.50	22.75	<=23	Pass
		50	0	24.59	-2.50	22.09	<=23	Pass
			25	24.64	-2.50	22.14	<=23	Pass
			50	24.49	-2.50	21.99	<=23	Pass
		100	0	21.97	-2.50	19.47	<=23	Pass
			0	24.08	-2.50	21.58	<=23	Pass
			50	24.58	-2.50	22.08	<=23	Pass
	3625	1	99	24.46	-2.50	21.96	<=23	Pass
			0	22.28	-2.50	19.78	<=23	Pass
			25	22.16	-2.50	19.66	<=23	Pass
		50	50	23.36	-2.50	20.86	<=23	Pass
			0	19.67	-2.50	17.17	<=23	Pass
			0	24.52	-2.50	22.02	<=23	Pass
		100	50	24.79	-2.50	22.29	<=23	Pass
			99	25.03	-2.50	22.53	<=23	Pass
			0	22.83	-2.50	20.33	<=23	Pass
	3690	50	25	23.80	-2.50	21.30	<=23	Pass
			50	22.56	-2.50	20.06	<=23	Pass
			0	21.56	-2.50	19.06	<=23	Pass
16QAM	3560	1	0	24.74	-2.50	22.24	<=23	Pass
			50	24.55	-2.50	22.05	<=23	Pass
			99	24.44	-2.50	21.94	<=23	Pass
		50	0	23.78	-2.50	21.28	<=23	Pass
			25	23.55	-2.50	21.05	<=23	Pass
			50	23.57	-2.50	21.07	<=23	Pass
		100	0	21.24	-2.50	18.74	<=23	Pass
			0	22.22	-2.50	19.72	<=23	Pass
			50	22.68	-2.50	20.18	<=23	Pass
	3625	1	99	23.53	-2.50	21.03	<=23	Pass
			0	21.71	-2.50	19.21	<=23	Pass
			25	22.71	-2.50	20.21	<=23	Pass
		50	50	22.37	-2.50	19.87	<=23	Pass
			0	18.65	-2.50	16.15	<=23	Pass
			0	22.68	-2.50	20.18	<=23	Pass
		100	50	22.77	-2.50	20.27	<=23	Pass
			99	23.72	-2.50	21.22	<=23	Pass
			0	21.51	-2.50	19.01	<=23	Pass
	3690	50	25	21.61	-2.50	19.11	<=23	Pass
			50	22.43	-2.50	19.93	<=23	Pass
			0	20.28	-2.50	17.78	<=23	Pass
64QAM	3560	1	0	23.58	-2.50	21.08	<=23	Pass
			50	23.51	-2.50	21.01	<=23	Pass

256QAM	3625	50	99	23.47	-2.50	20.97	<=23	Pass	
			0	22.68	-2.50	20.18	<=23	Pass	
			25	22.55	-2.50	20.05	<=23	Pass	
			50	22.53	-2.50	20.03	<=23	Pass	
		100	0	20.16	-2.50	17.66	<=23	Pass	
		1	0	21.34	-2.50	18.84	<=23	Pass	
			50	21.63	-2.50	19.13	<=23	Pass	
			99	21.13	-2.50	18.63	<=23	Pass	
			50	0	21.11	-2.50	18.61	<=23	Pass
				25	21.76	-2.50	19.26	<=23	Pass
	50			21.18	-2.50	18.68	<=23	Pass	
	100		0	17.70	-2.50	15.20	<=23	Pass	
	3690		1	0	23.28	-2.50	20.78	<=23	Pass
		50		23.08	-2.50	20.58	<=23	Pass	
		99		21.92	-2.50	19.42	<=23	Pass	
		50	0	21.79	-2.50	19.29	<=23	Pass	
			25	22.18	-2.50	19.68	<=23	Pass	
			50	20.85	-2.50	18.35	<=23	Pass	
		100	0	18.02	-2.50	15.52	<=23	Pass	
		3560	1	0	20.64	-2.50	18.14	<=23	Pass
	50			20.78	-2.50	18.28	<=23	Pass	
	99			21.04	-2.50	18.54	<=23	Pass	
	50			0	20.68	-2.50	18.18	<=23	Pass
				25	20.65	-2.50	18.15	<=23	Pass
				50	20.62	-2.50	18.12	<=23	Pass
	100		0	18.23	-2.50	15.73	<=23	Pass	
	3625		1	0	19.95	-2.50	17.45	<=23	Pass
50				18.63	-2.50	16.13	<=23	Pass	
99				18.75	-2.50	16.25	<=23	Pass	
50			0	18.49	-2.50	15.99	<=23	Pass	
			25	19.84	-2.50	17.34	<=23	Pass	
			50	19.66	-2.50	17.16	<=23	Pass	
100			0	15.90	-2.50	13.40	<=23	Pass	
3690			1	0	19.35	-2.50	16.85	<=23	Pass
	50			20.31	-2.50	17.81	<=23	Pass	
	99			18.93	-2.50	16.43	<=23	Pass	
	50		0	20.04	-2.50	17.54	<=23	Pass	
			25	20.27	-2.50	17.77	<=23	Pass	
			50	18.97	-2.50	16.47	<=23	Pass	
	100	0	16.46	-2.50	13.96	<=23	Pass		
	Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B48_10MHz

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3625	50	0	20	LV	-9.176	-0.0025	-2.5 to 2.5	Pass
					NV	-3.087	-0.0009	-2.5 to 2.5	Pass
					HV	-6.500	-0.0018	-2.5 to 2.5	Pass
				-30	NV	-3.218	-0.0009	-2.5 to 2.5	Pass
				-20	NV	-6.120	-0.0017	-2.5 to 2.5	Pass
				-10	NV	1.994	0.0006	-2.5 to 2.5	Pass
				0	NV	-0.370	-0.0001	-2.5 to 2.5	Pass
				10	NV	2.543	0.0007	-2.5 to 2.5	Pass
				30	NV	-1.023	-0.0003	-2.5 to 2.5	Pass
				40	NV	-12.704	-0.0035	-2.5 to 2.5	Pass
				50	NV	2.399	0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band48_OBW

Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3625	25	0	4.543	/	Pass
	16QAM	3625	25	0	4.518	/	Pass
	64QAM	3625	25	0	4.541	/	Pass
	256QAM	3625	25	0	4.575	/	Pass
10	QPSK	3625	50	0	9.059	/	Pass
	16QAM	3625	50	0	9.031	/	Pass
	64QAM	3625	50	0	9.042	/	Pass
	256QAM	3625	50	0	9.037	/	Pass
15	QPSK	3625	75	0	13.596	/	Pass
	16QAM	3625	75	0	13.540	/	Pass
	64QAM	3625	75	0	13.560	/	Pass
	256QAM	3625	75	0	13.575	/	Pass
20	QPSK	3625	100	0	18.063	/	Pass
	16QAM	3625	100	0	18.061	/	Pass
	64QAM	3625	100	0	18.170	/	Pass
	256QAM	3625	100	0	18.078	/	Pass

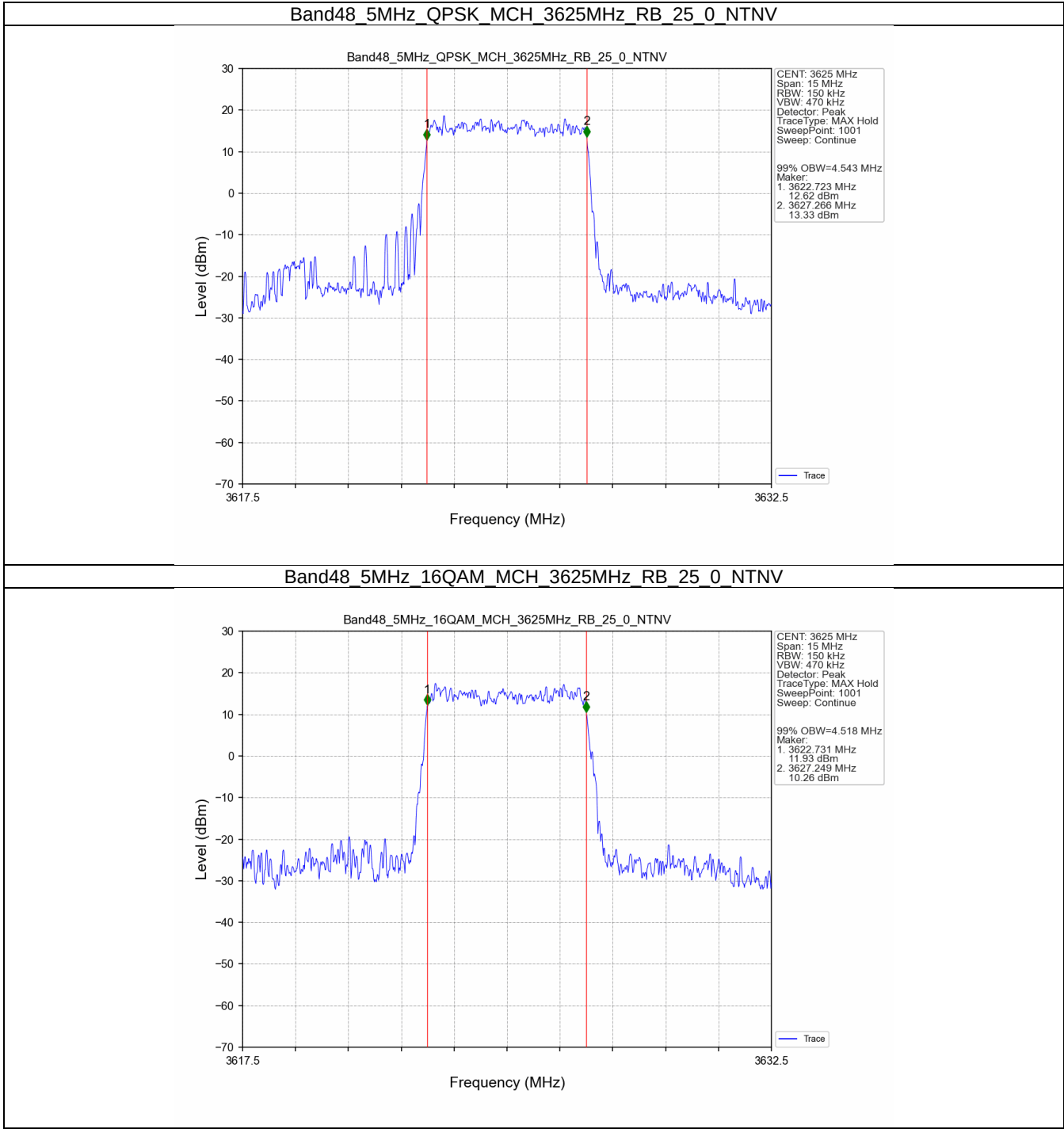
3.1.2 Band48_XDB

Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3625	25	0	5.200	/	Pass
	16QAM	3625	25	0	5.018	/	Pass
	64QAM	3625	25	0	4.996	/	Pass
	256QAM	3625	25	0	5.252	/	Pass

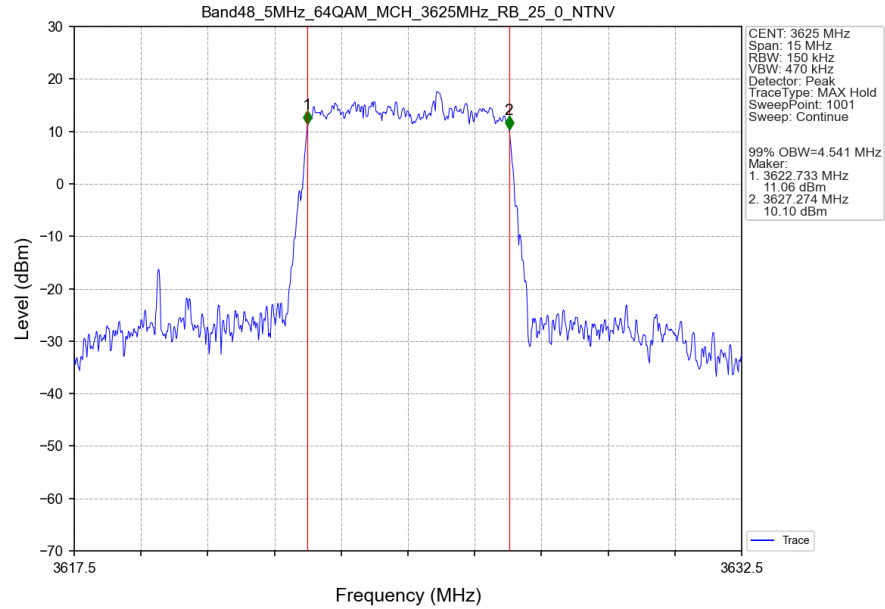
10	QPSK	3625	50	0	9.877	/	Pass
	16QAM	3625	50	0	9.783	/	Pass
	64QAM	3625	50	0	9.827	/	Pass
	256QAM	3625	50	0	9.852	/	Pass
15	QPSK	3625	75	0	14.849	/	Pass
	16QAM	3625	75	0	14.610	/	Pass
	64QAM	3625	75	0	15.290	/	Pass
	256QAM	3625	75	0	14.722	/	Pass
20	QPSK	3625	100	0	19.543	/	Pass
	16QAM	3625	100	0	19.717	/	Pass
	64QAM	3625	100	0	20.202	/	Pass
	256QAM	3625	100	0	21.906	/	Pass

3.2 Test Graph

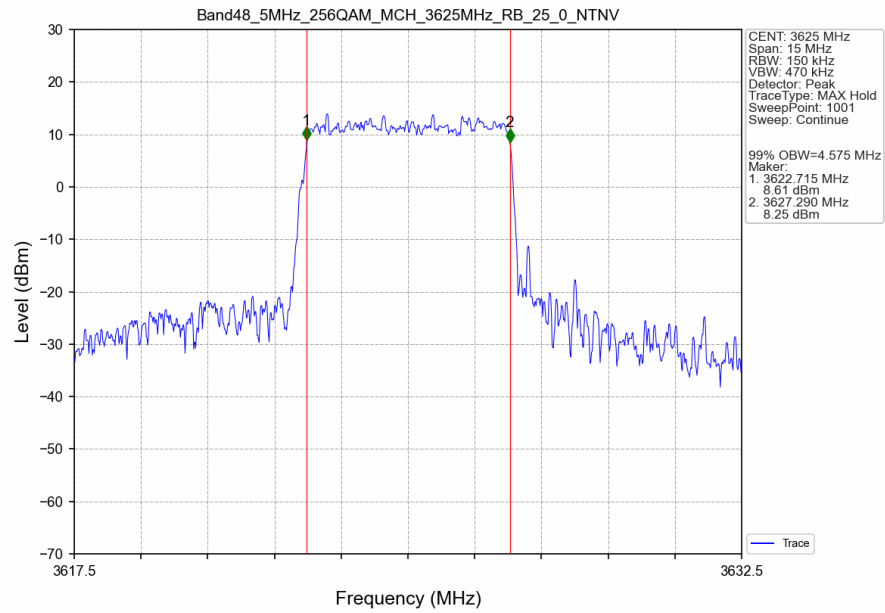
3.2.1 Band48_OBW

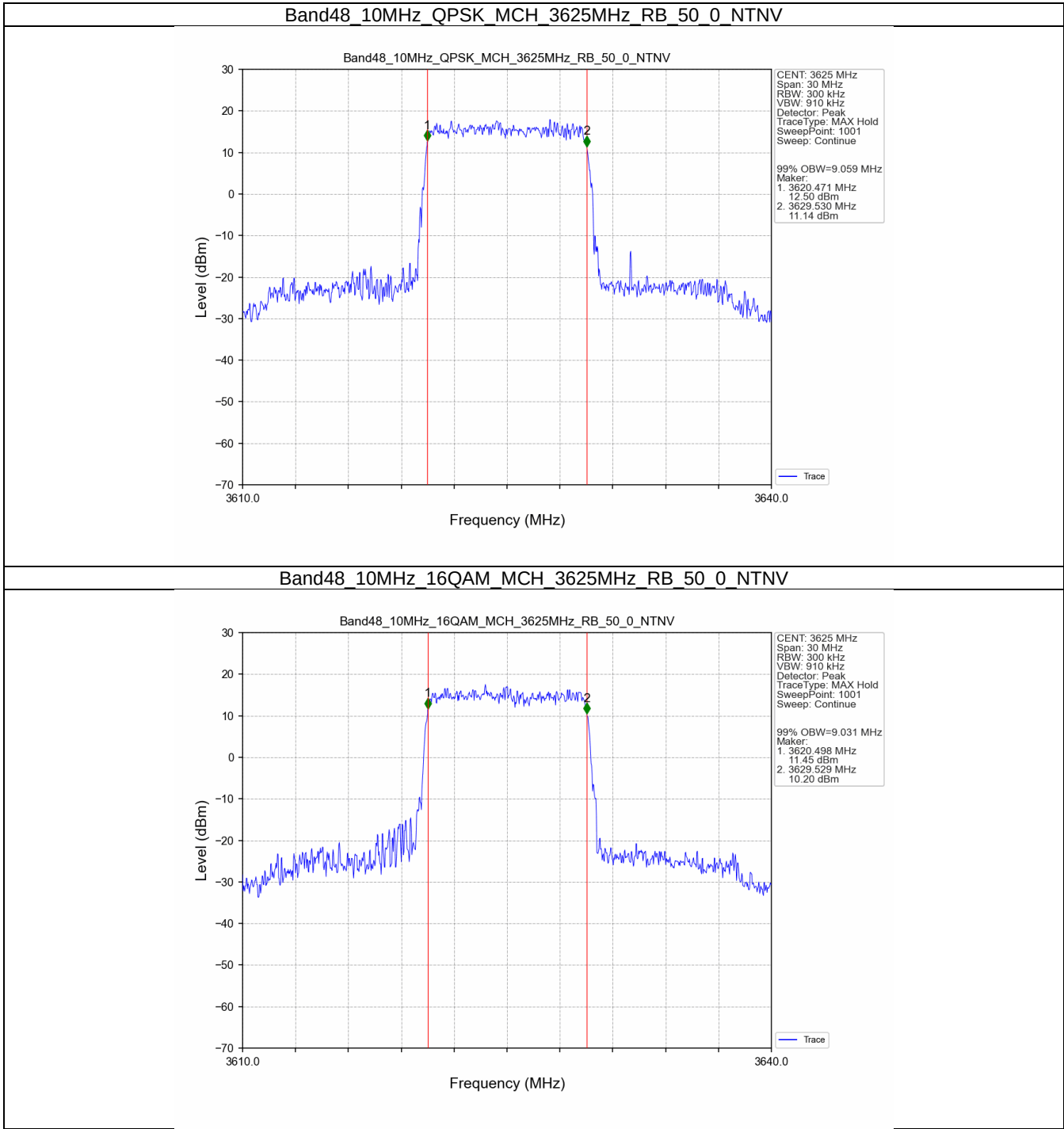


Band48_5MHz_64QAM_MCH_3625MHz_RB_25_0_NTNV

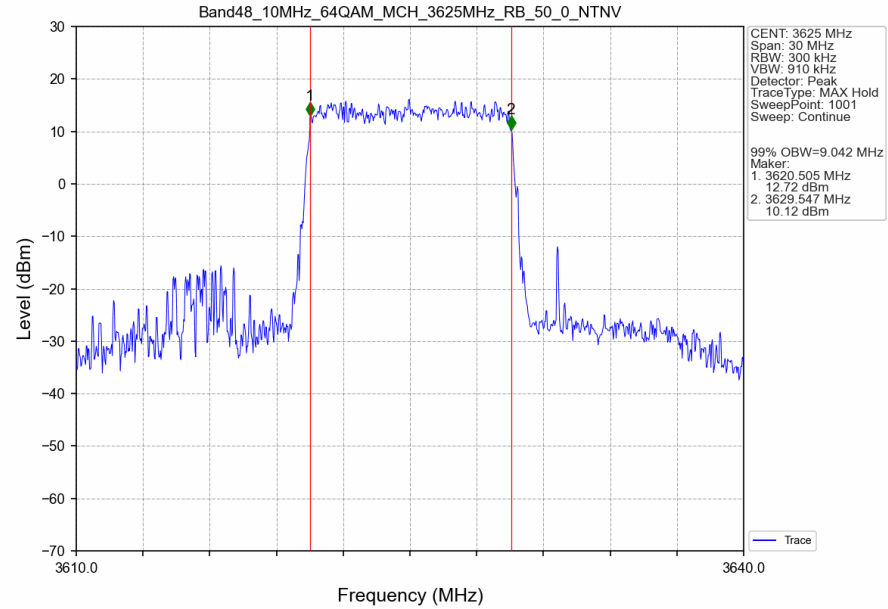


Band48_5MHz_256QAM_MCH_3625MHz_RB_25_0_NTNV

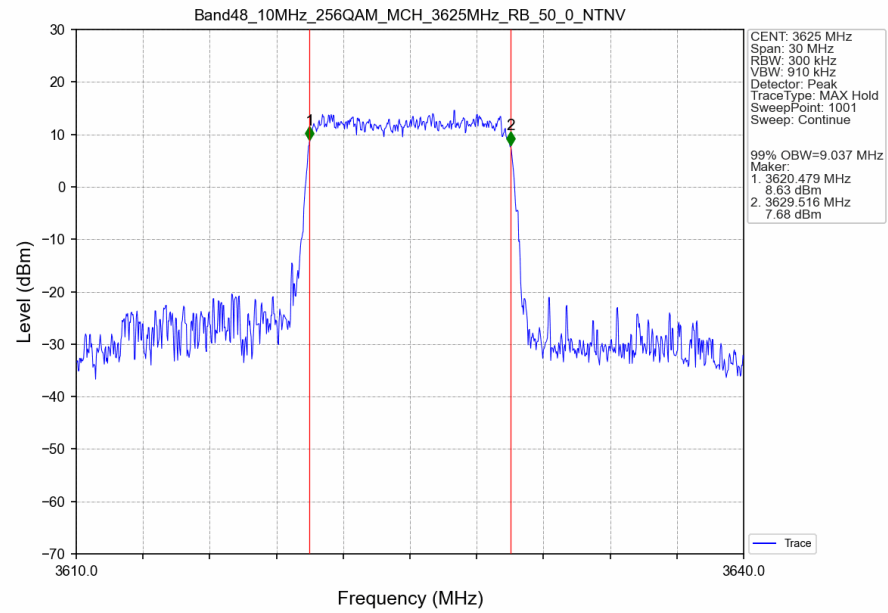




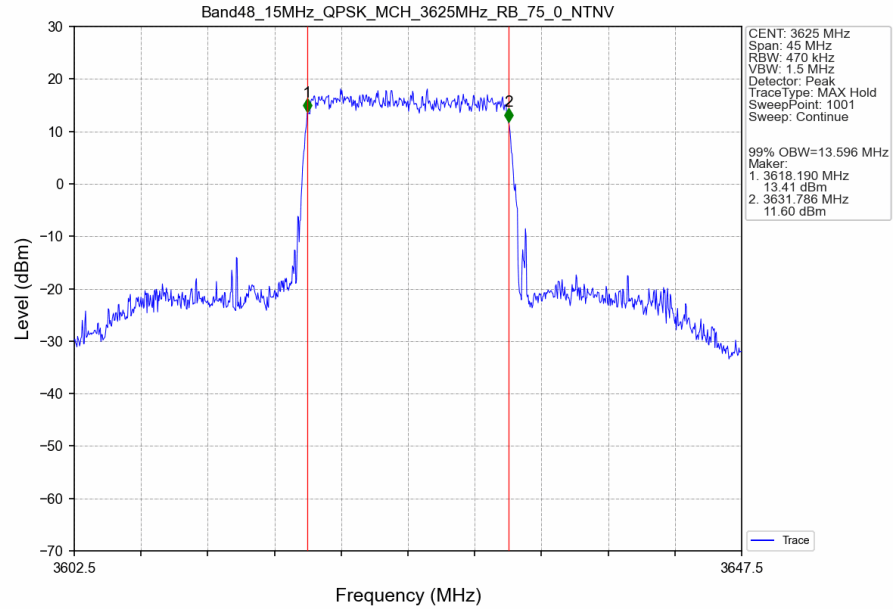
Band48_10MHz_64QAM_MCH_3625MHz_RB_50_0_NTNV



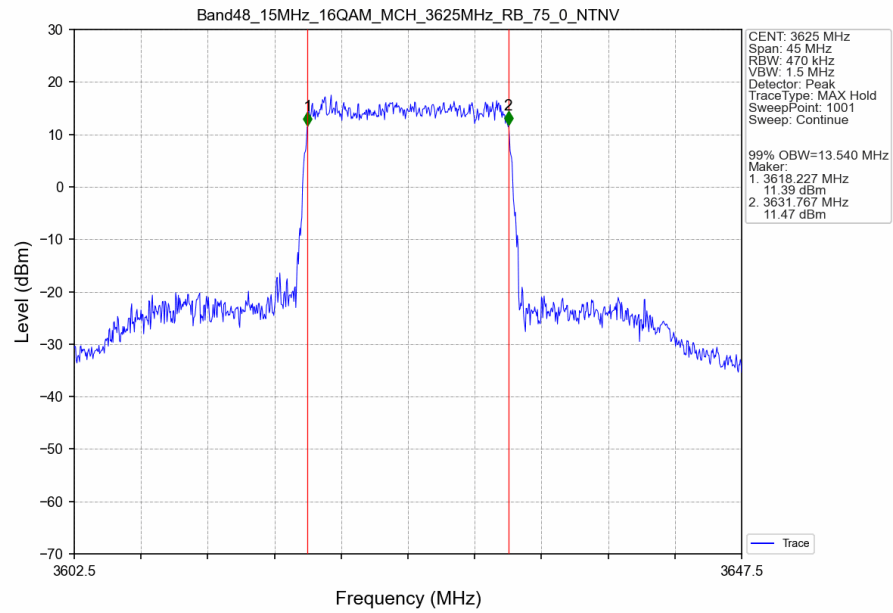
Band48_10MHz_256QAM_MCH_3625MHz_RB_50_0_NTNV



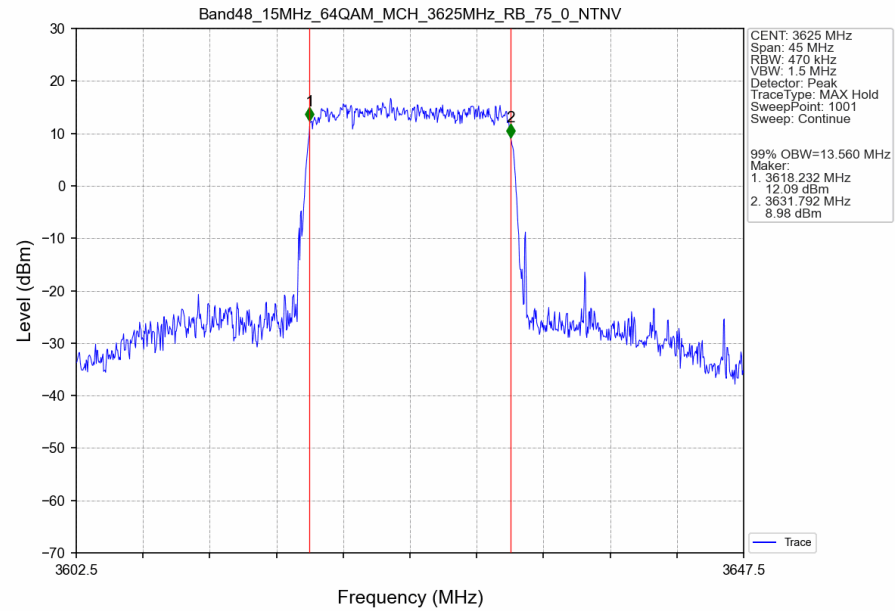
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



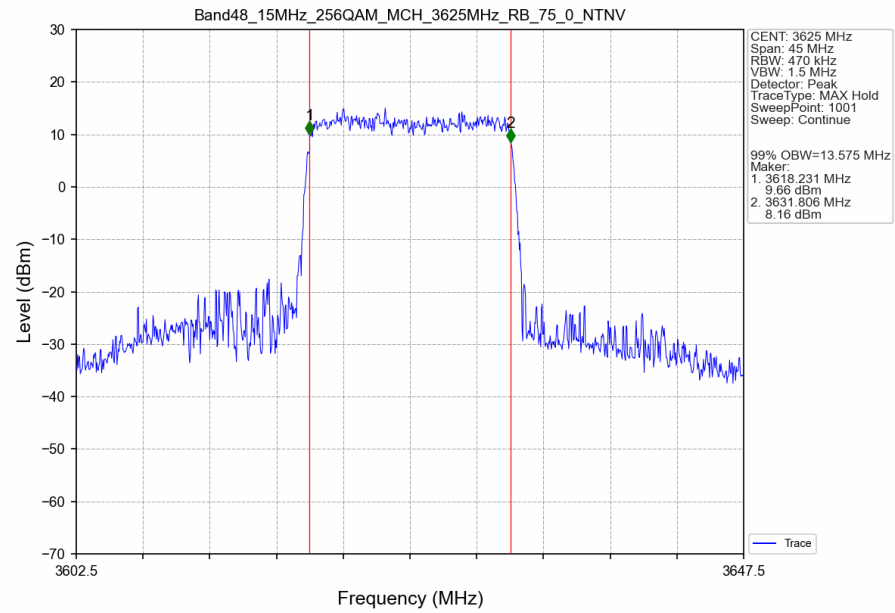
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



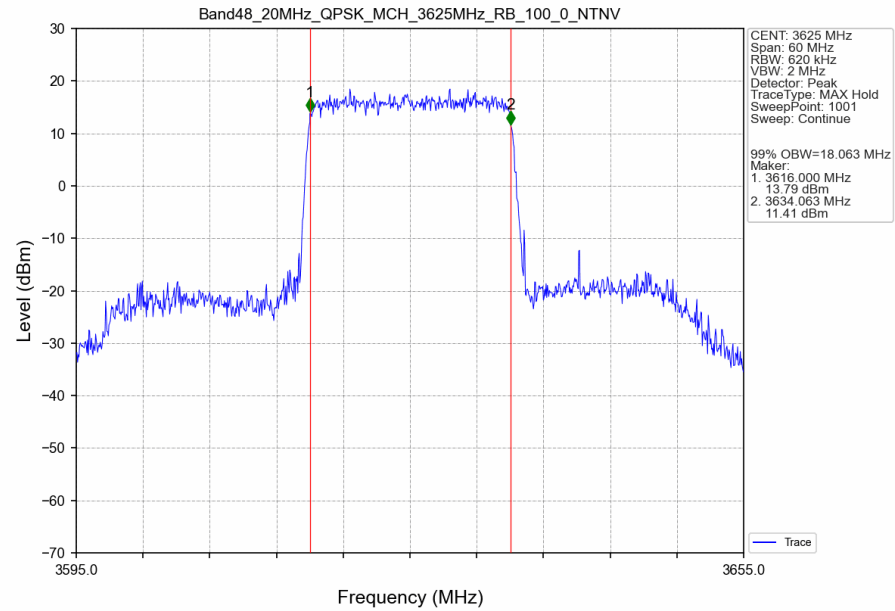
Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV



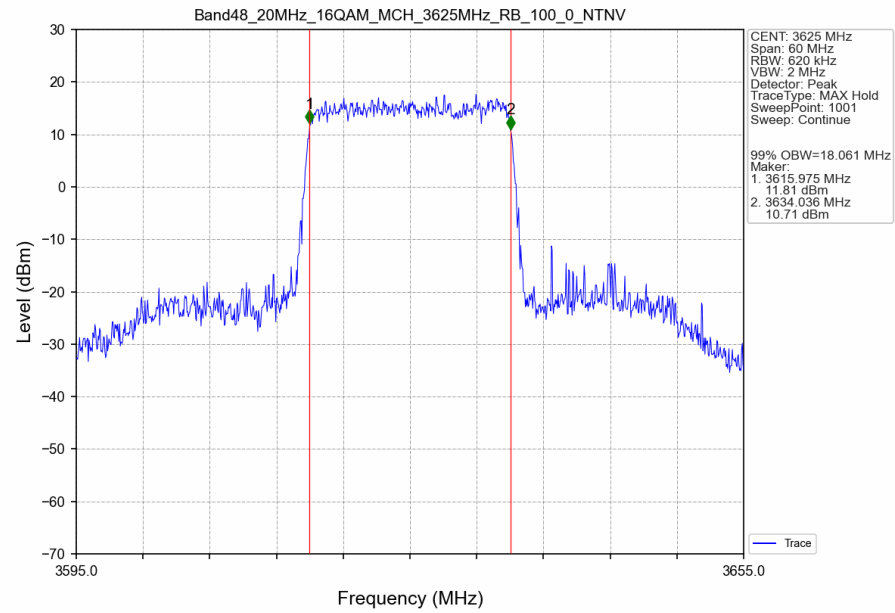
Band48_15MHz_256QAM_MCH_3625MHz_RB_75_0_NTNV



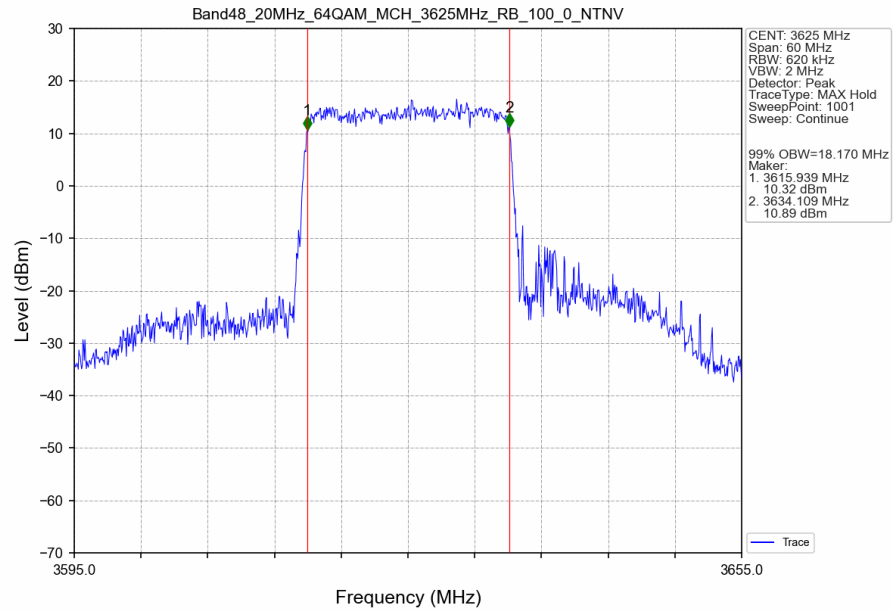
Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV



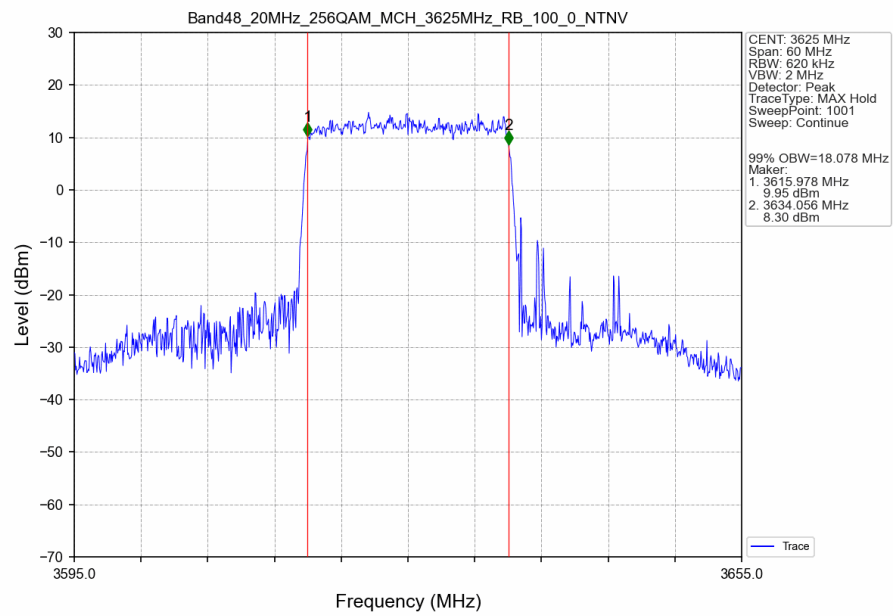
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



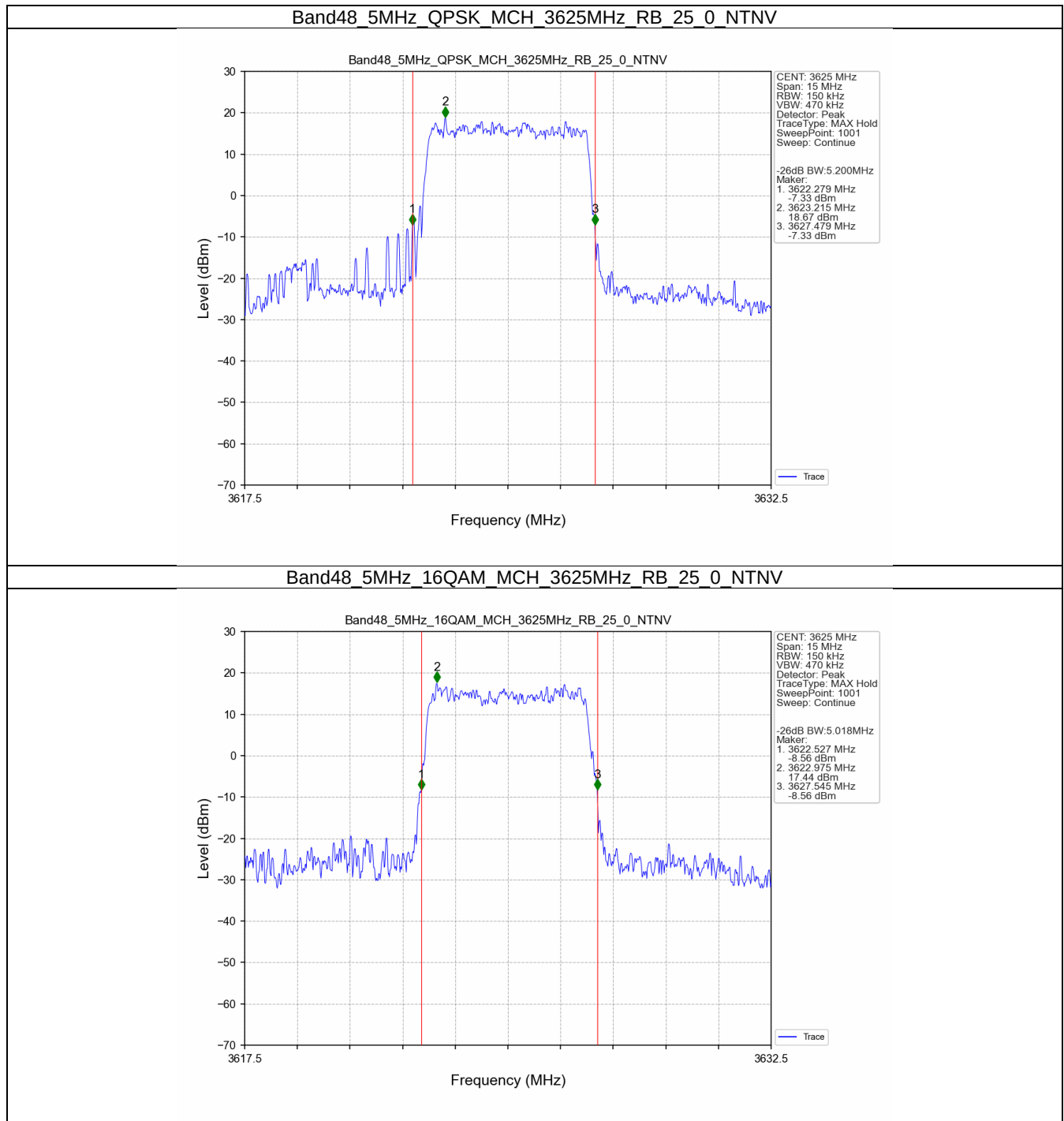
Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



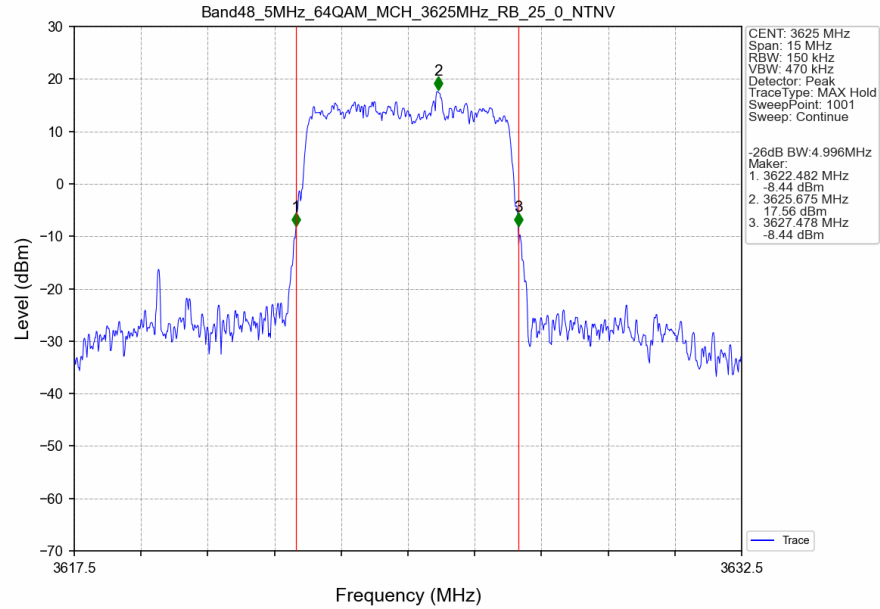
Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



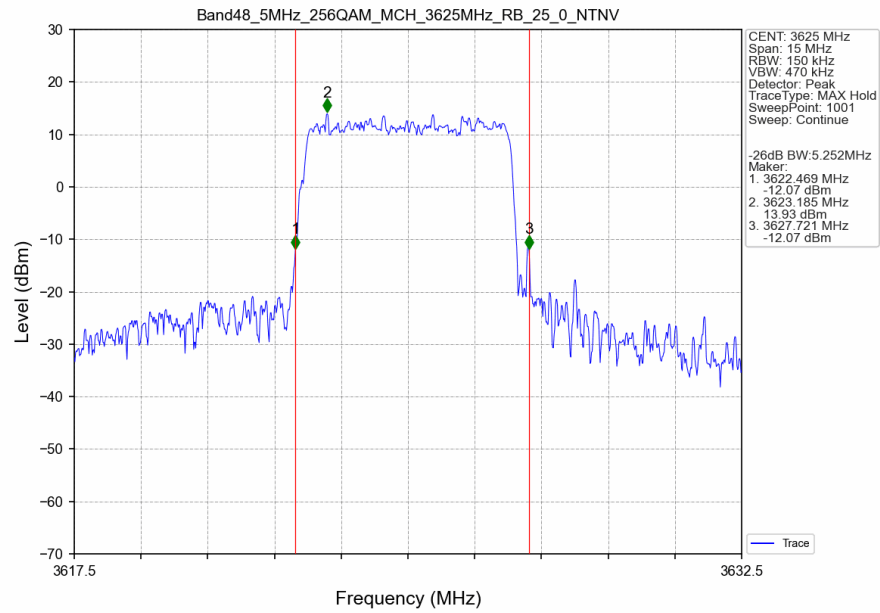
3.2.2 Band48_XDB



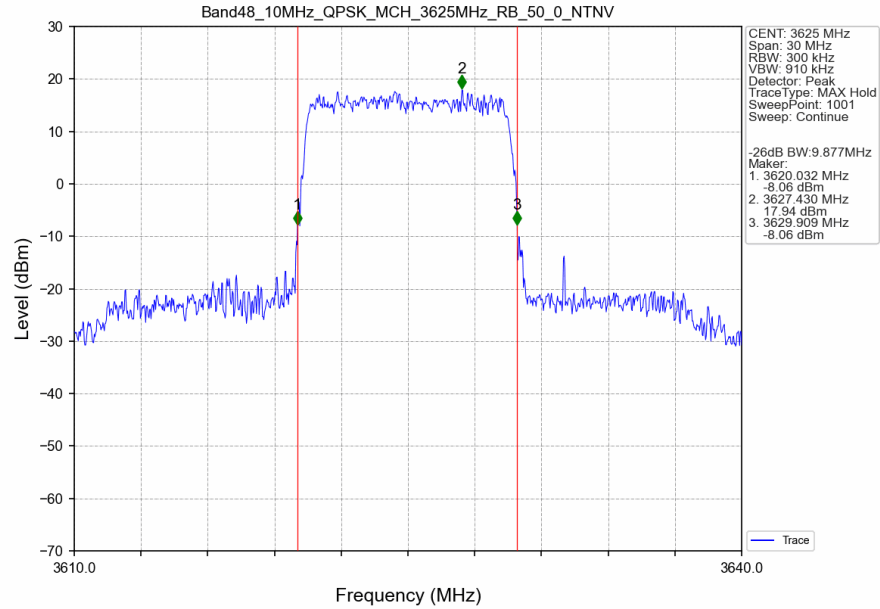
Band48_5MHz_64QAM_MCH_3625MHz_RB_25_0_NTNV



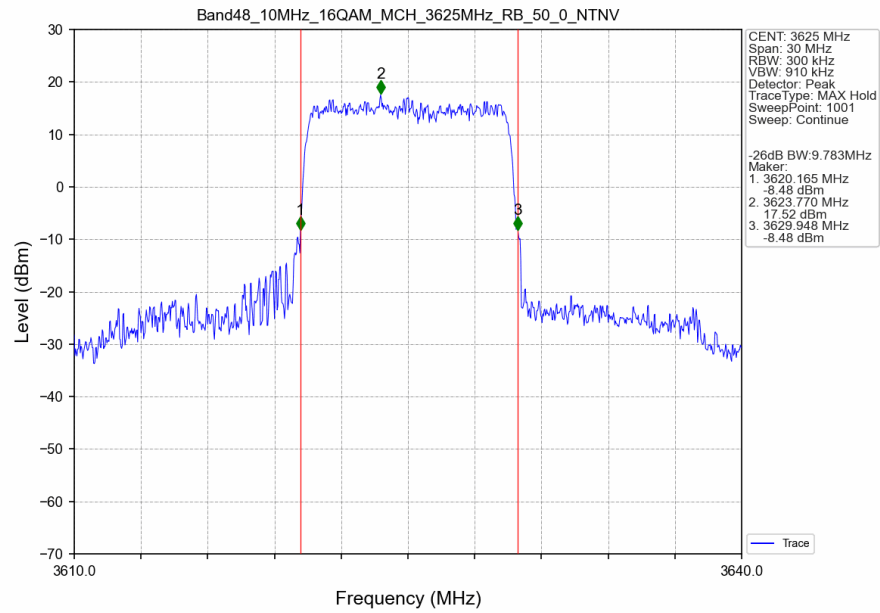
Band48_5MHz_256QAM_MCH_3625MHz_RB_25_0_NTNV



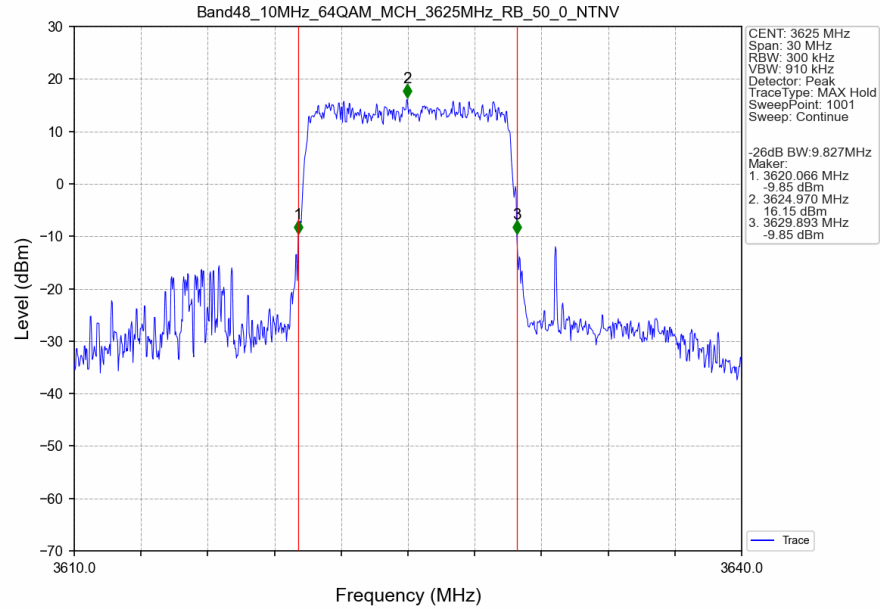
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



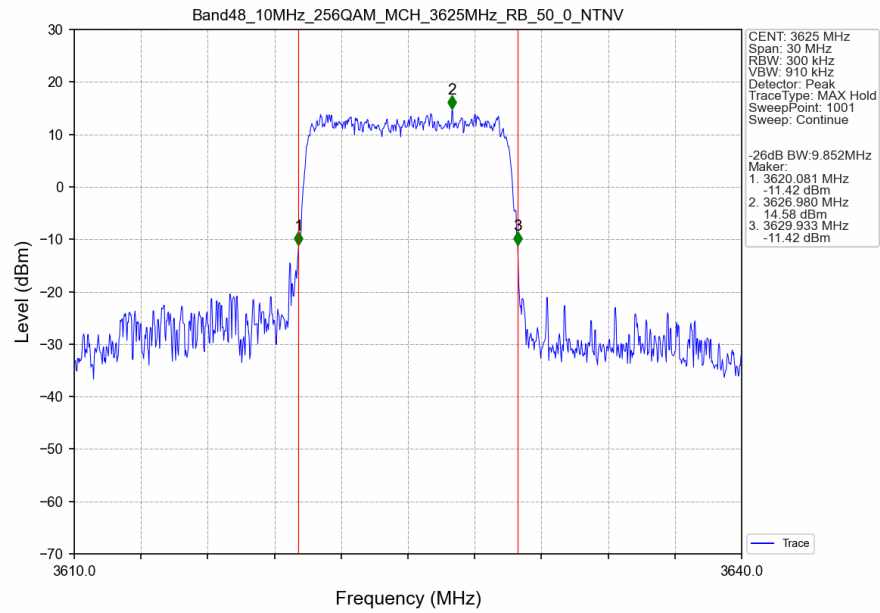
Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



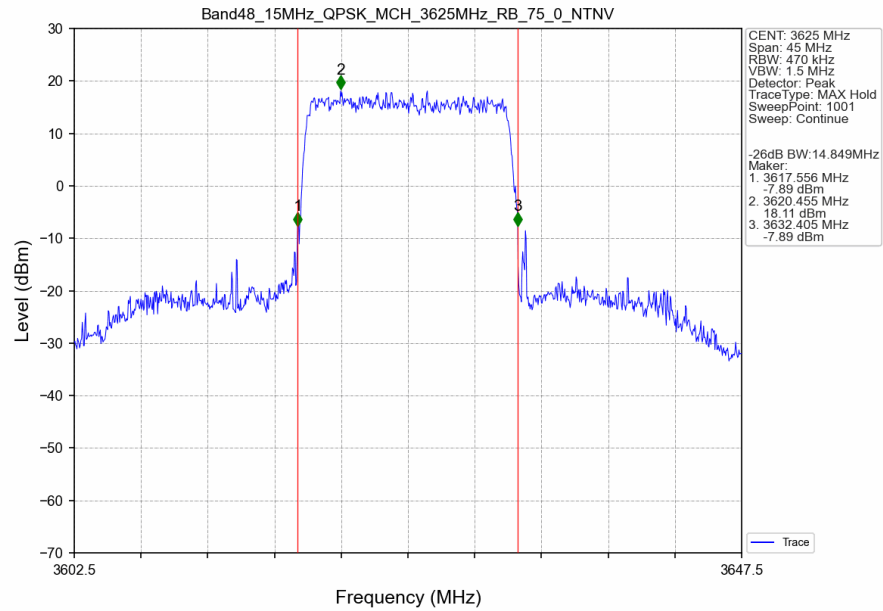
Band48_10MHz_64QAM_MCH_3625MHz_RB_50_0_NTNV



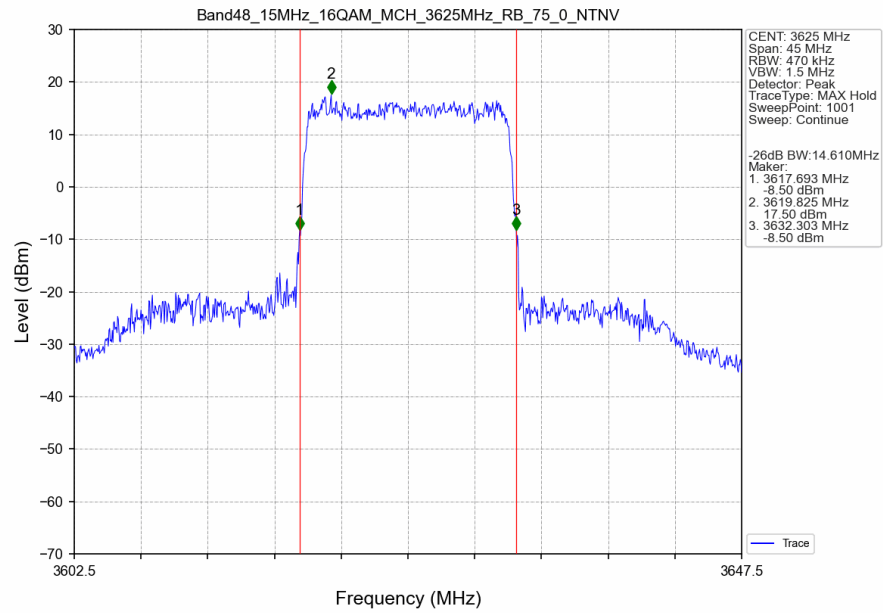
Band48_10MHz_256QAM_MCH_3625MHz_RB_50_0_NTNV



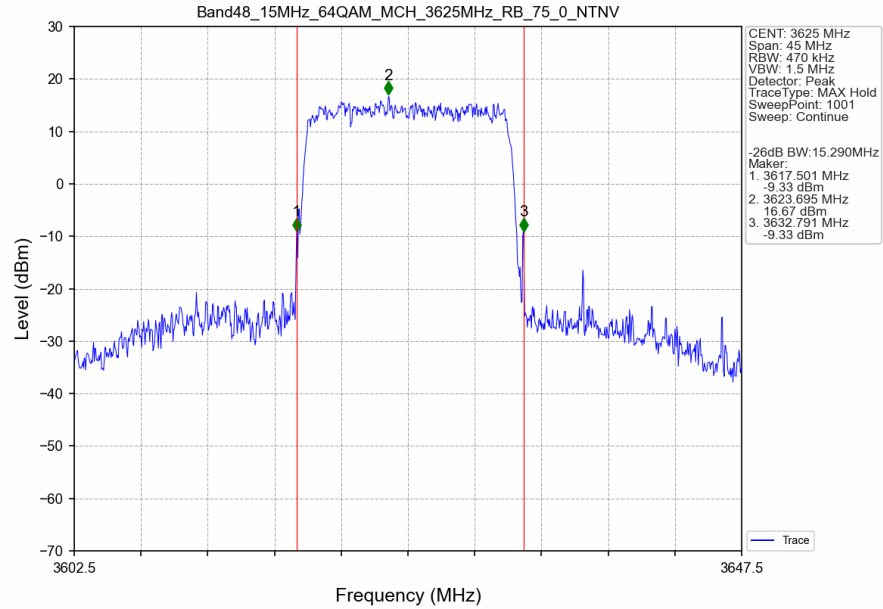
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



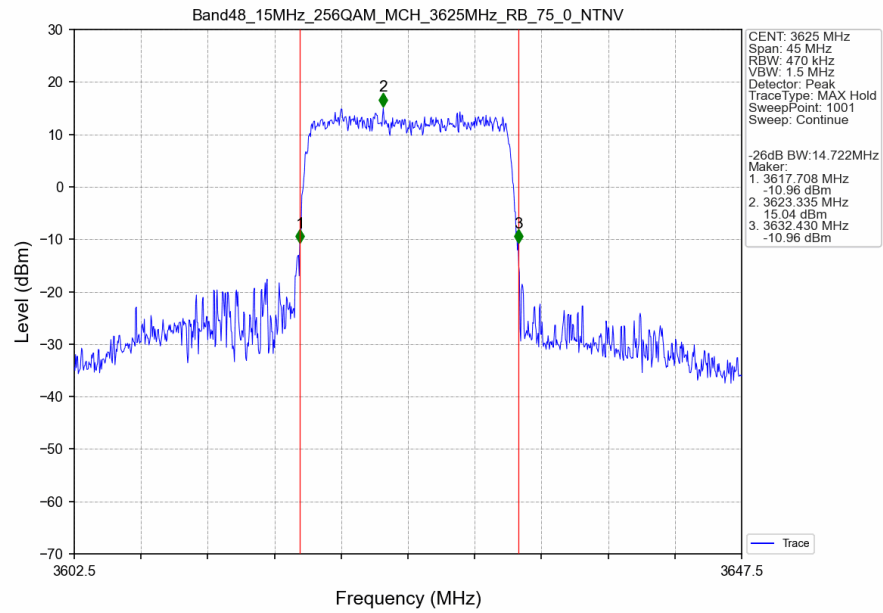
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



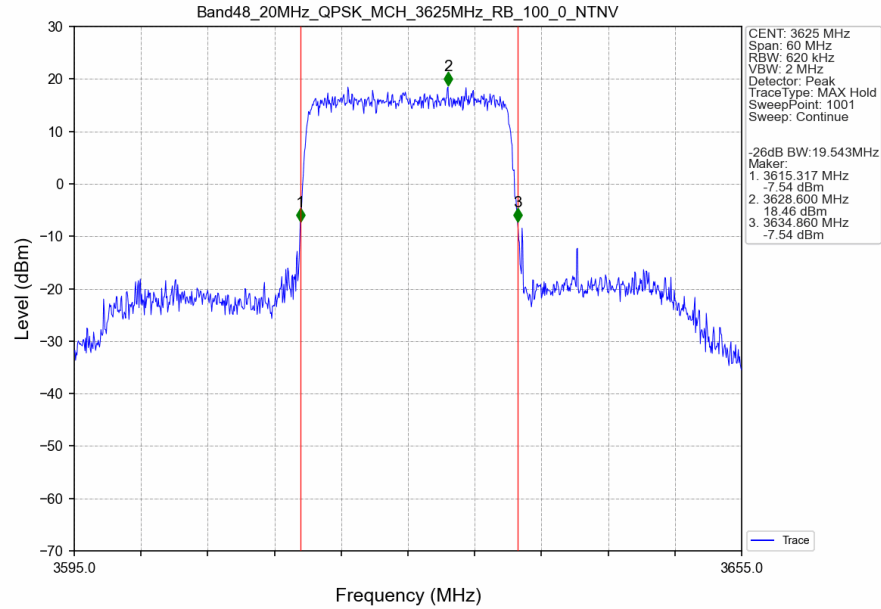
Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV



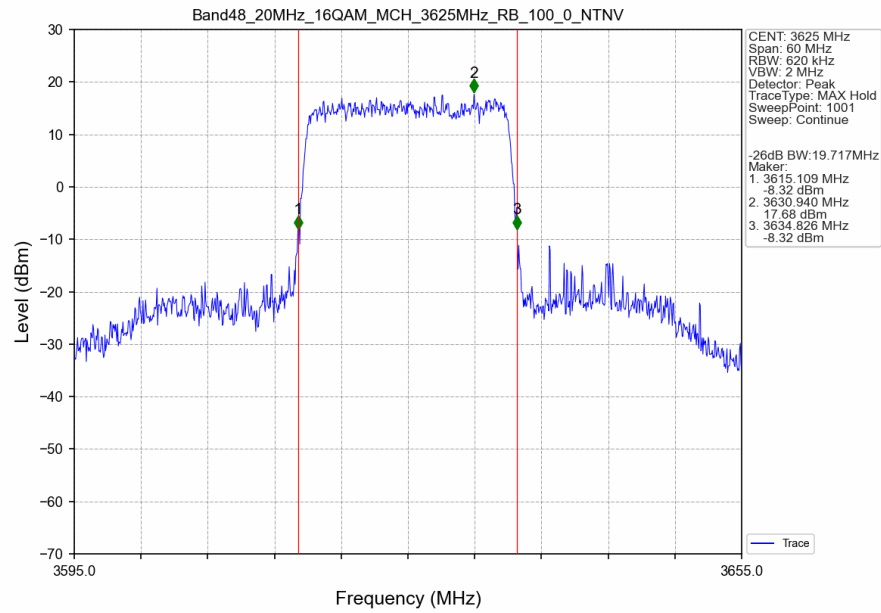
Band48_15MHz_256QAM_MCH_3625MHz_RB_75_0_NTNV



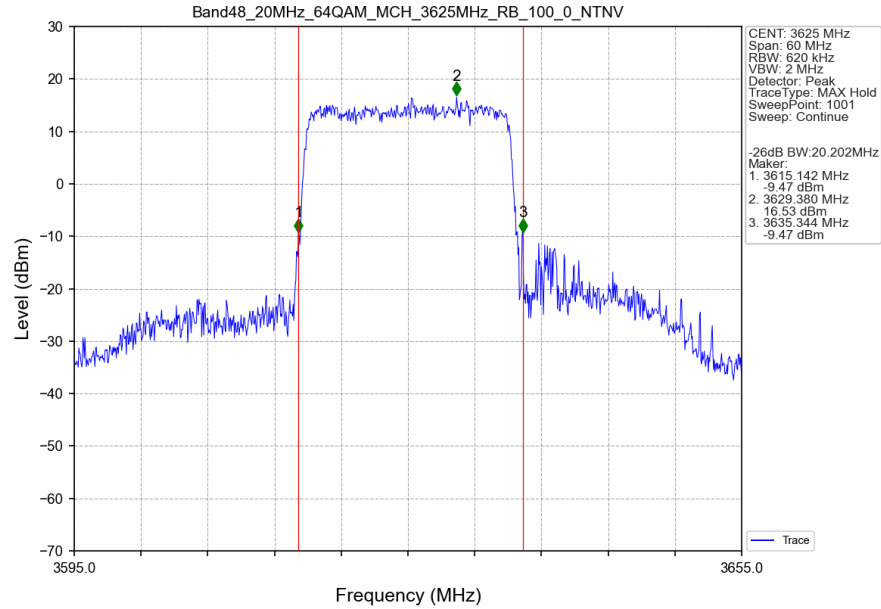
Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV



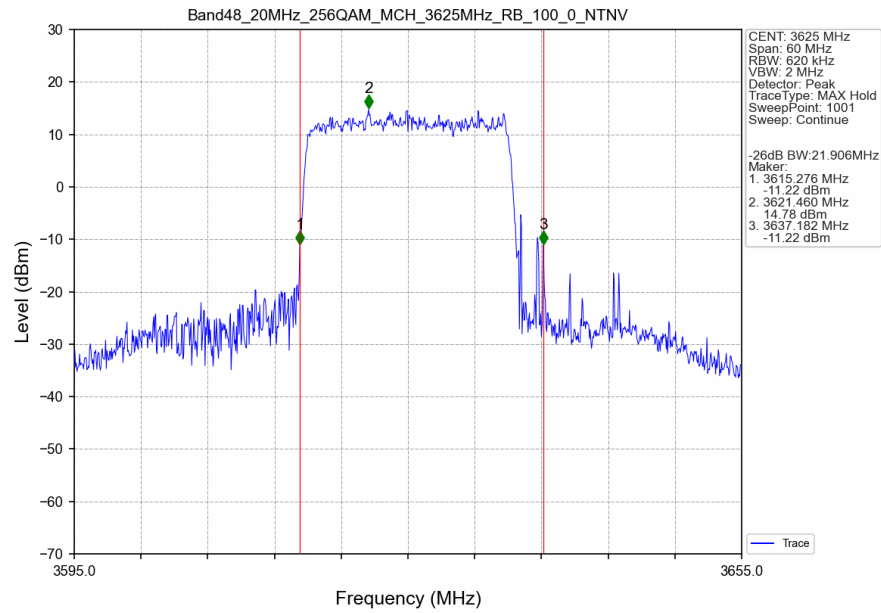
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



4. Peak-Average Ratio

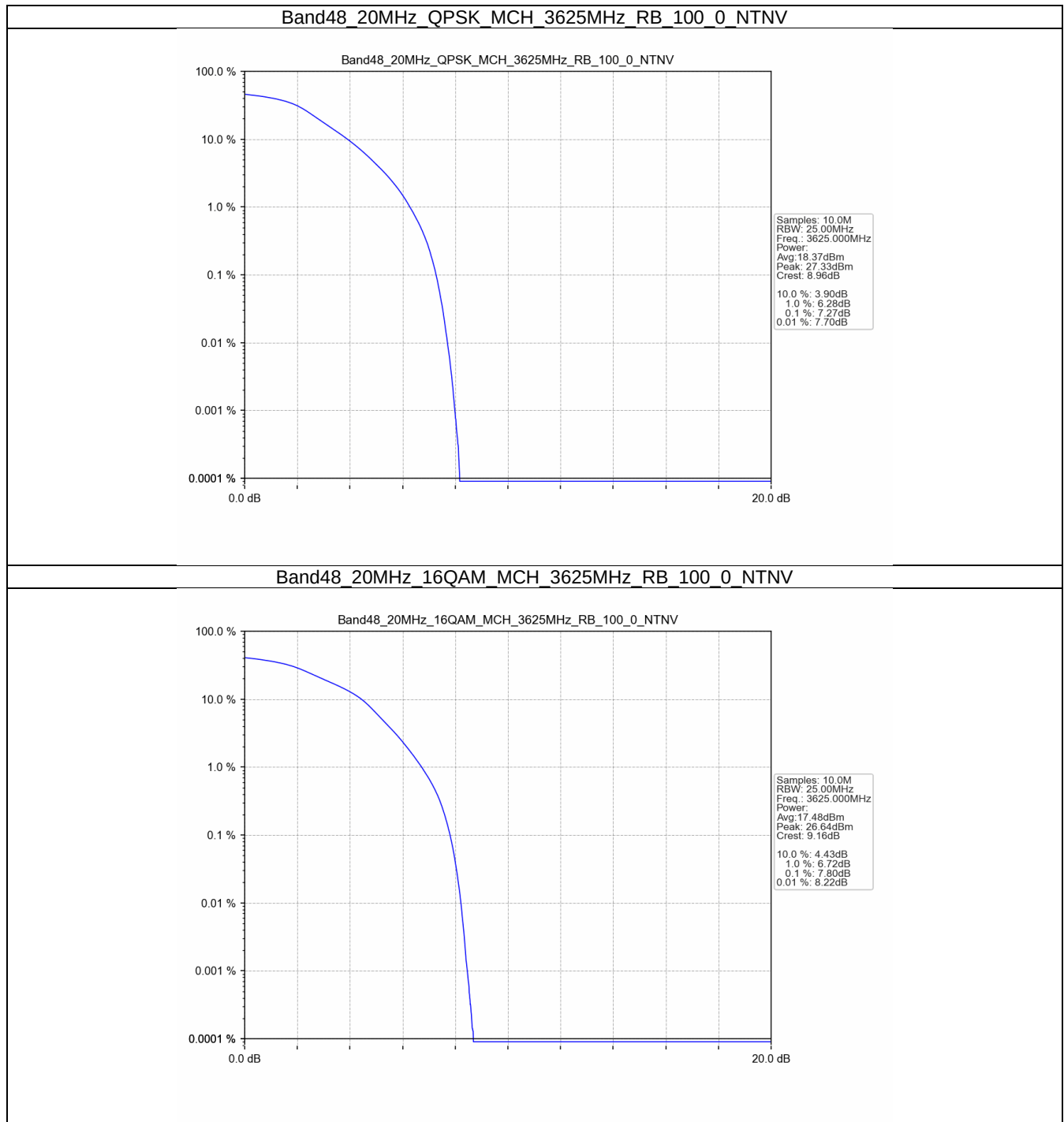
4.1 Test Result

4.1.1 B48_20MHz

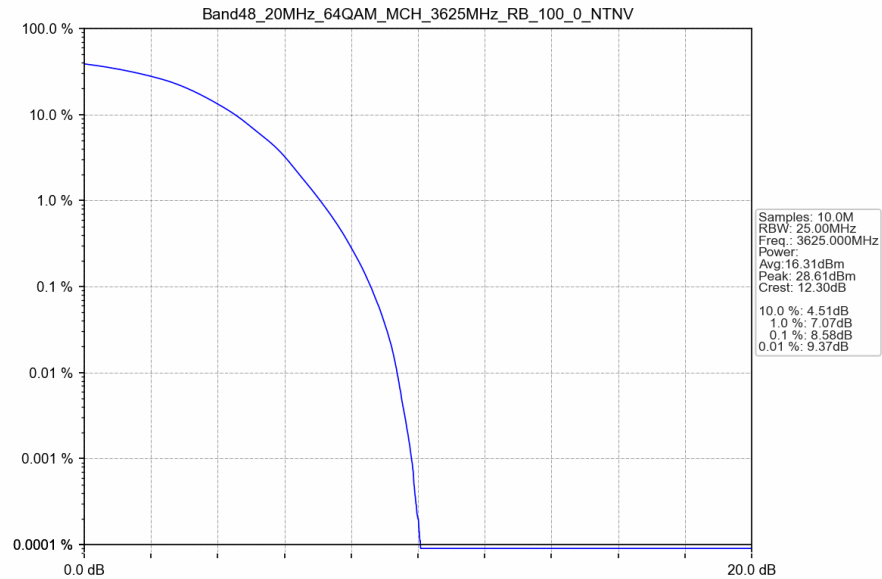
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	100	0	7.27	<=13	Pass
16QAM	3625	100	0	7.80	<=13	Pass
64QAM	3625	100	0	8.58	<=13	Pass
256QAM	3625	100	0	8.30	<=13	Pass

4.2 Test Graph

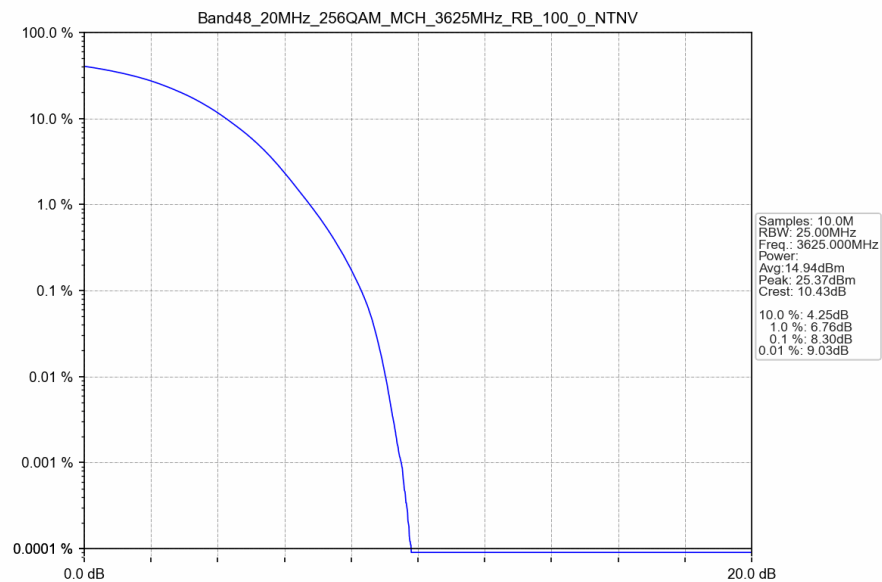
4.2.1 B48_20MHz



Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B48_15MHz

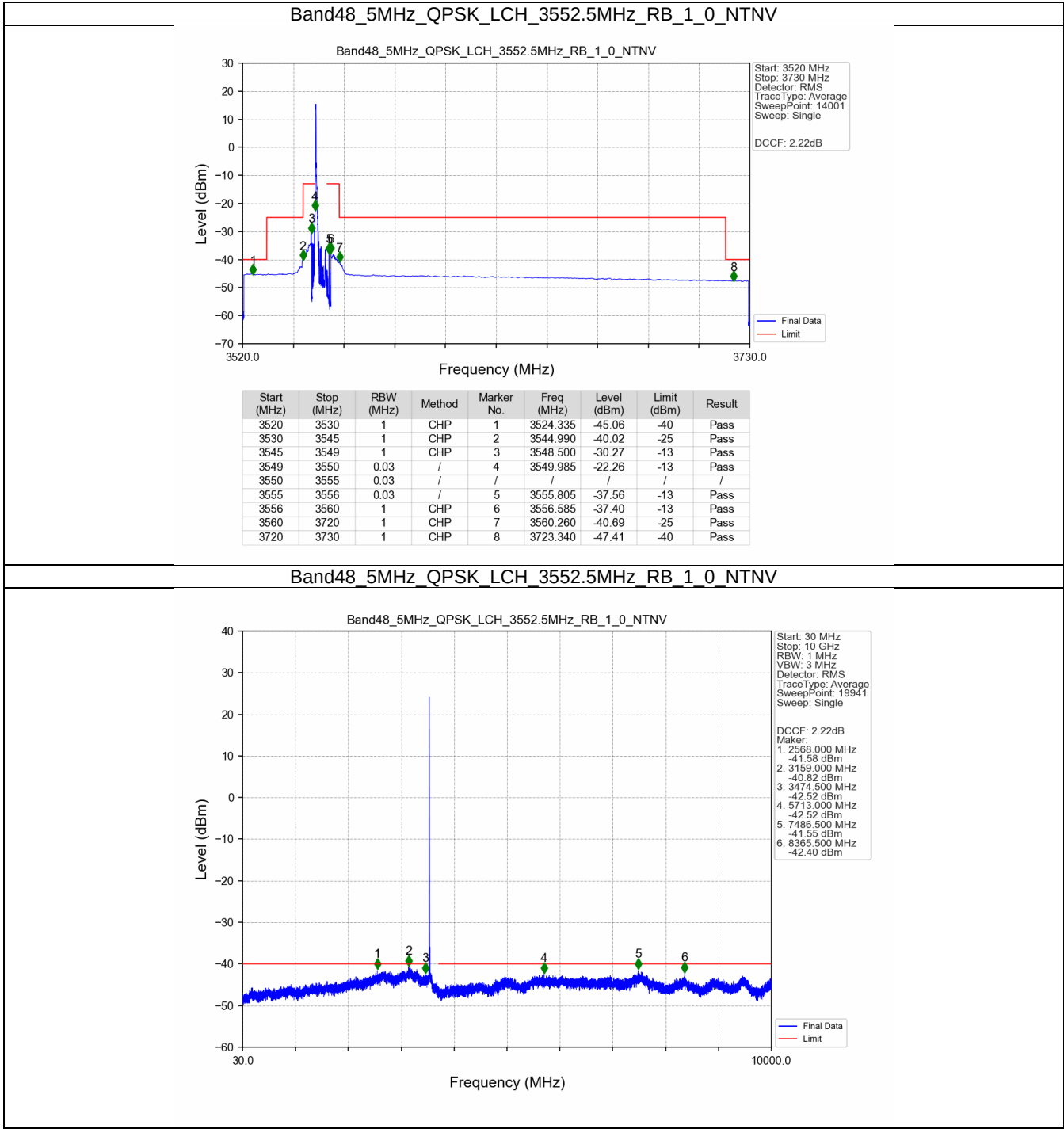
Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B48_20MHz

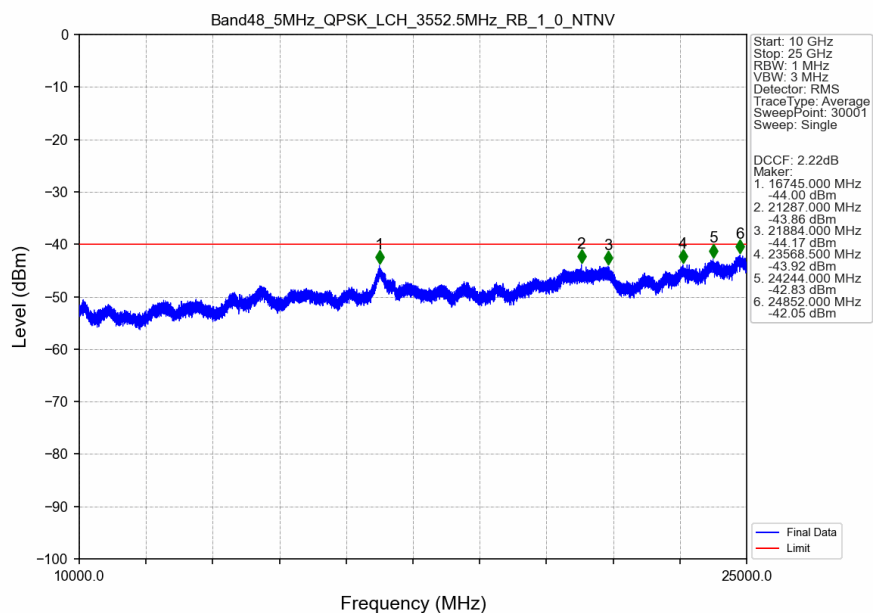
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

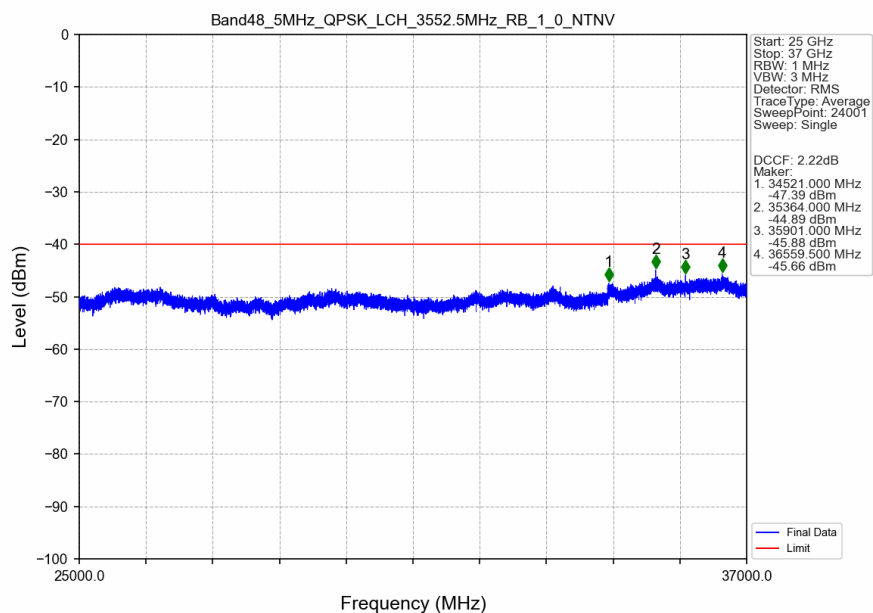
5.2.1 B48_5MHz



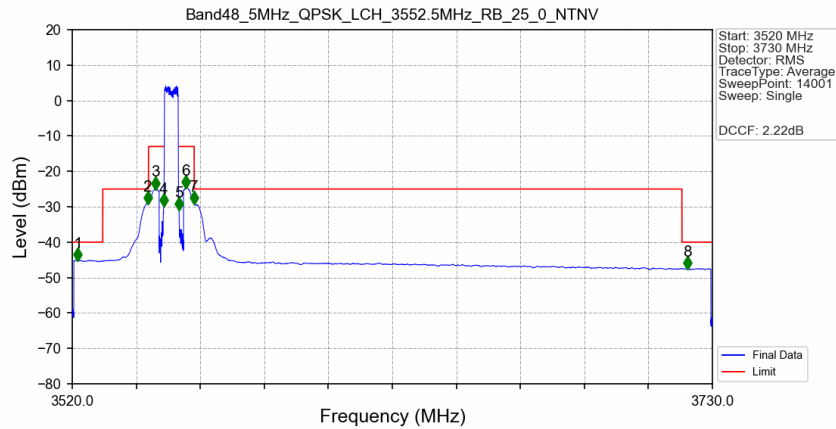
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV

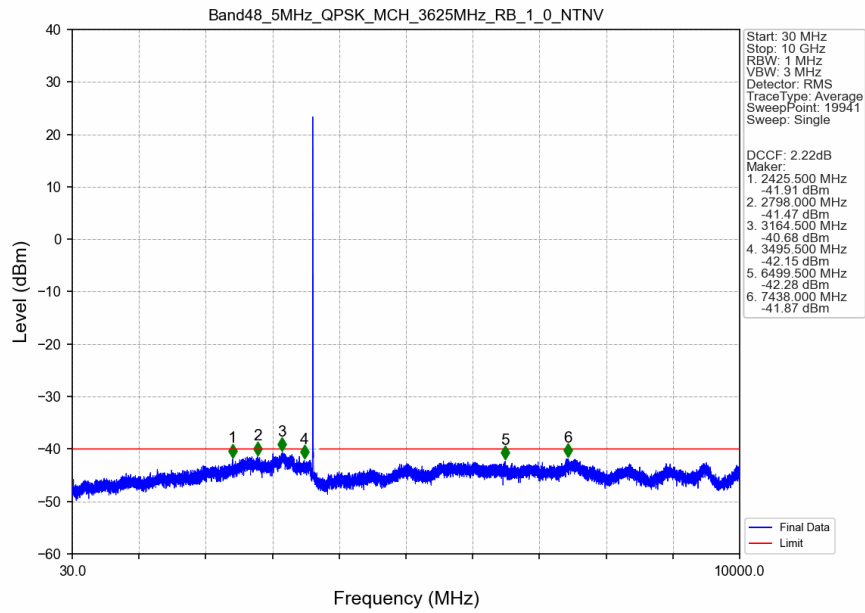


Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV

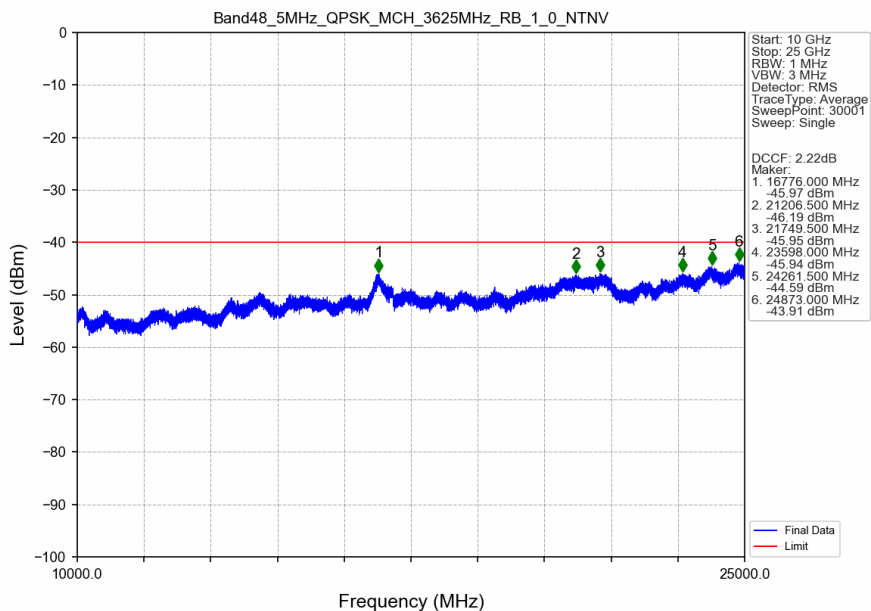


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.770	-45.09	-40	Pass
3530	3545	1	CHP	2	3544.720	-29.03	-25	Pass
3545	3549	1	CHP	3	3547.270	-24.91	-13	Pass
3549	3550	0.05	CHP	4	3549.970	-29.72	-13	Pass
3550	3555	0.05	CHP	/	/	/	/	/
3555	3556	0.05	CHP	5	3555.010	-30.75	-13	Pass
3556	3560	1	CHP	6	3557.230	-24.58	-13	Pass
3560	3720	1	CHP	7	3560.005	-29.02	-25	Pass
3720	3730	1	CHP	8	3721.780	-47.41	-40	Pass

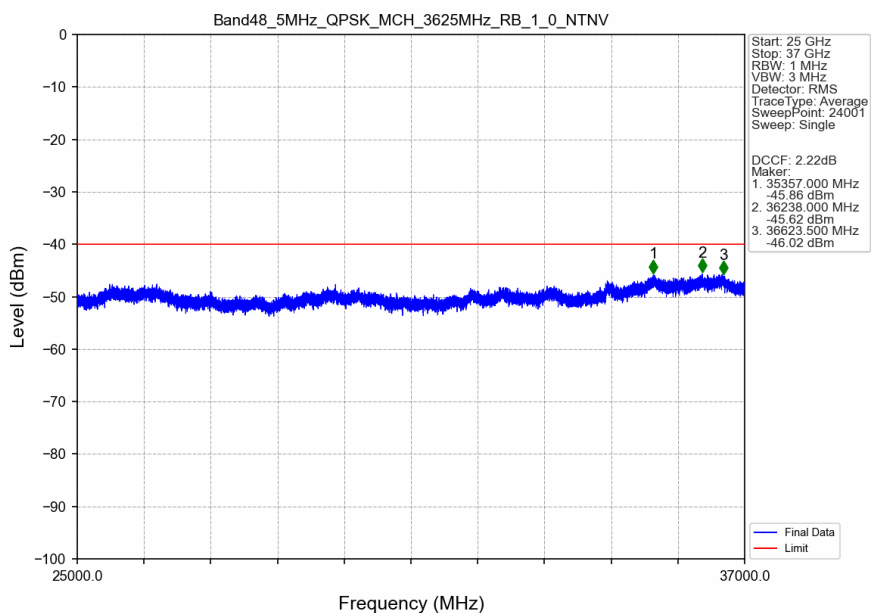
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



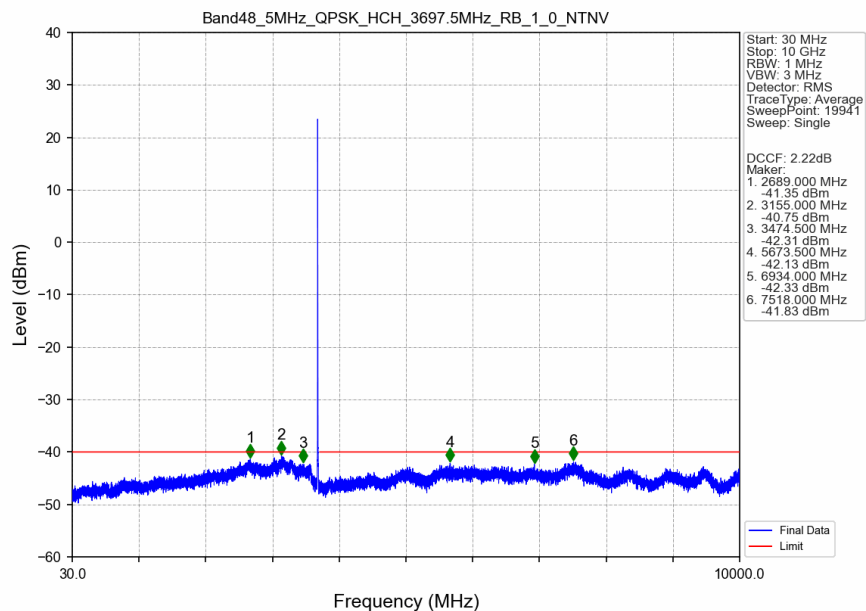
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



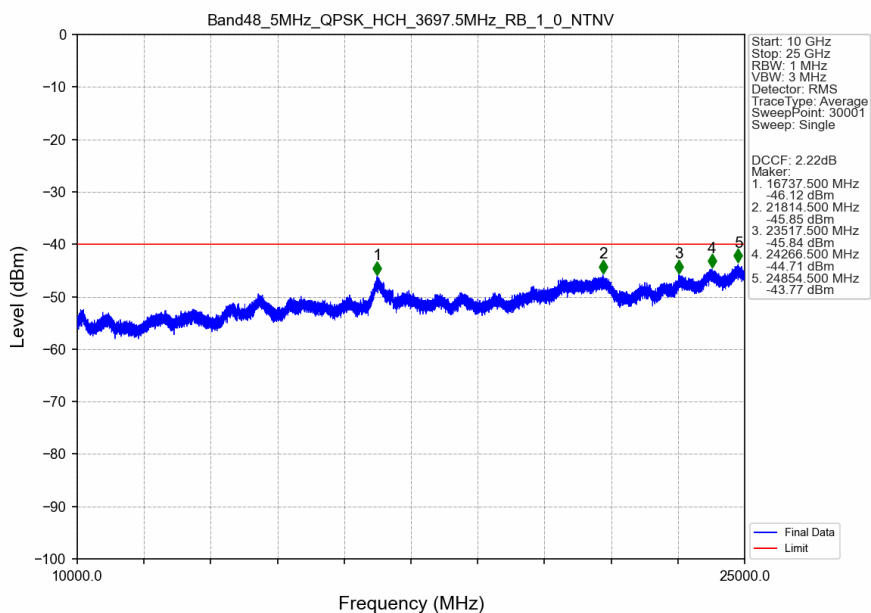
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

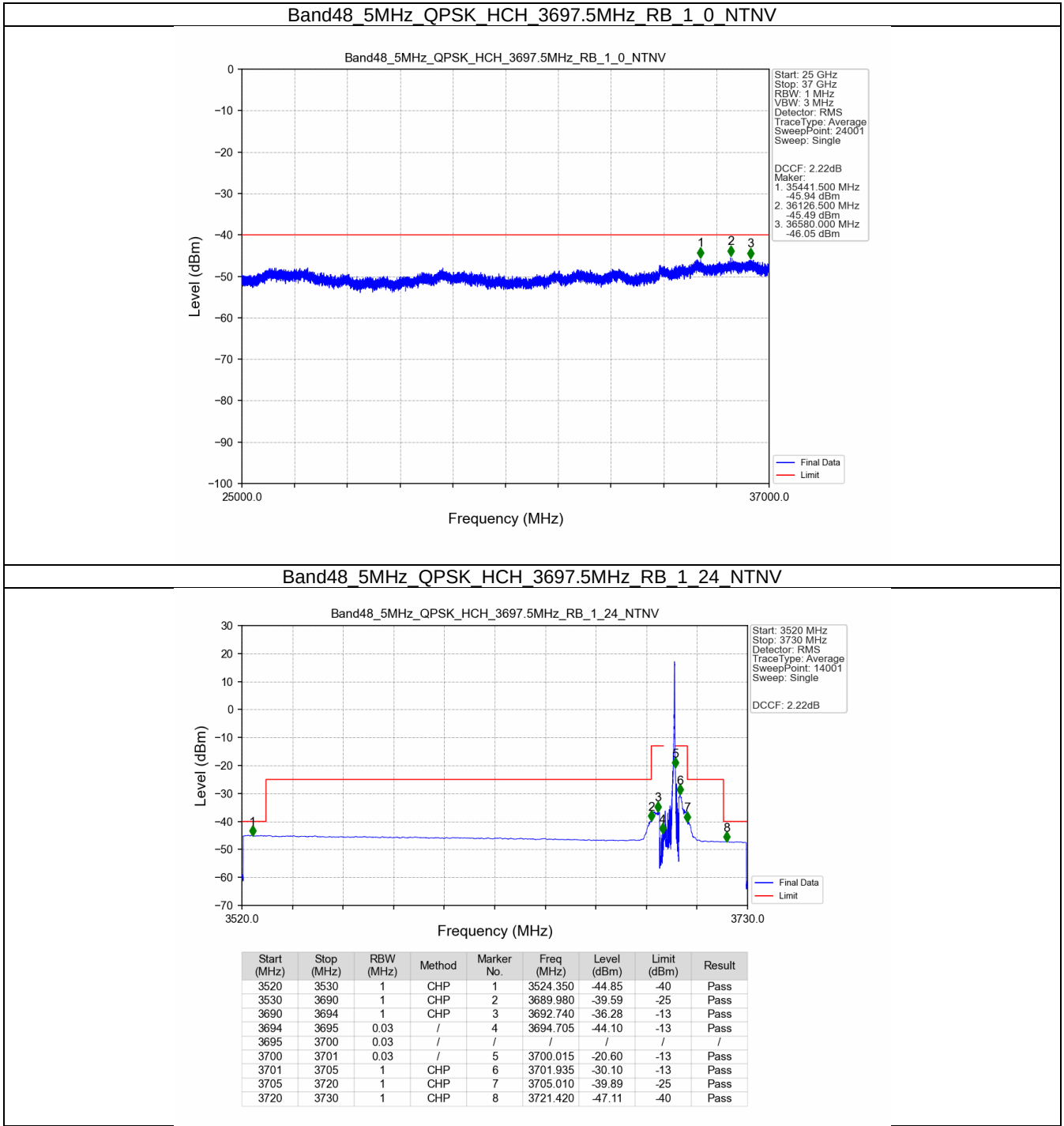


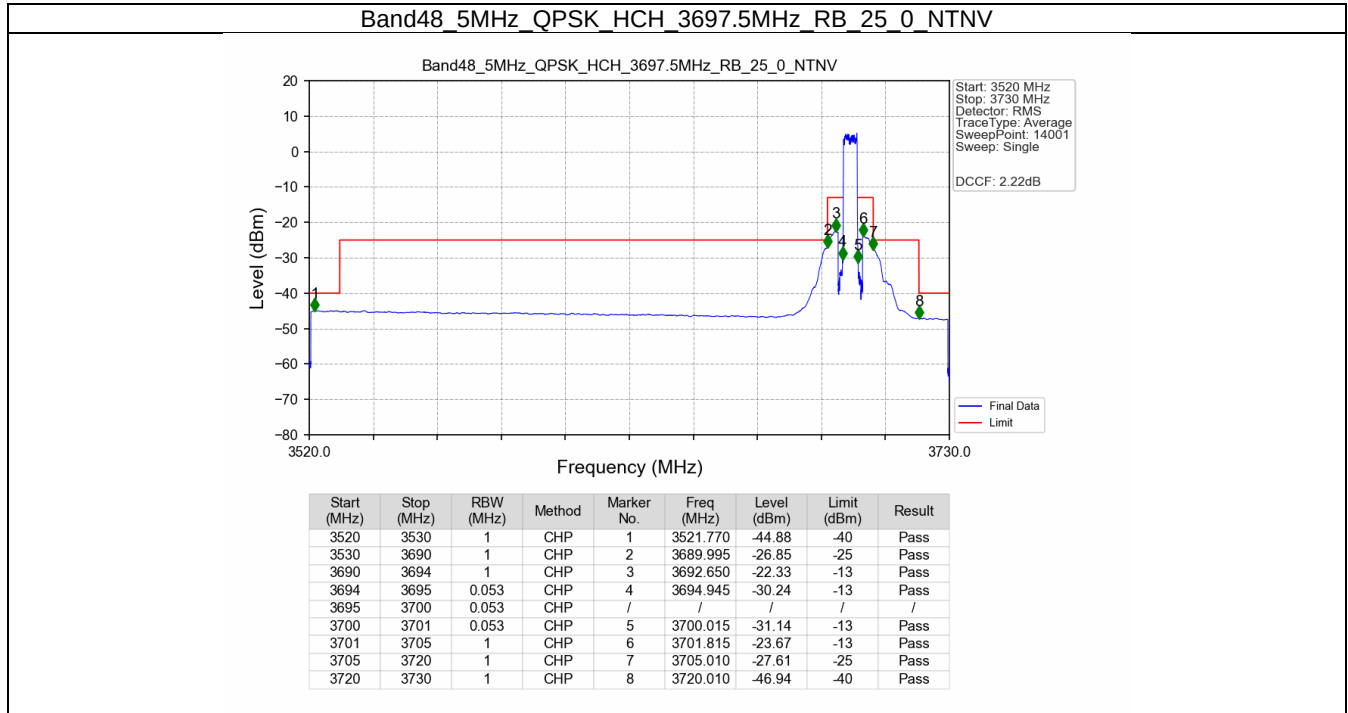
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



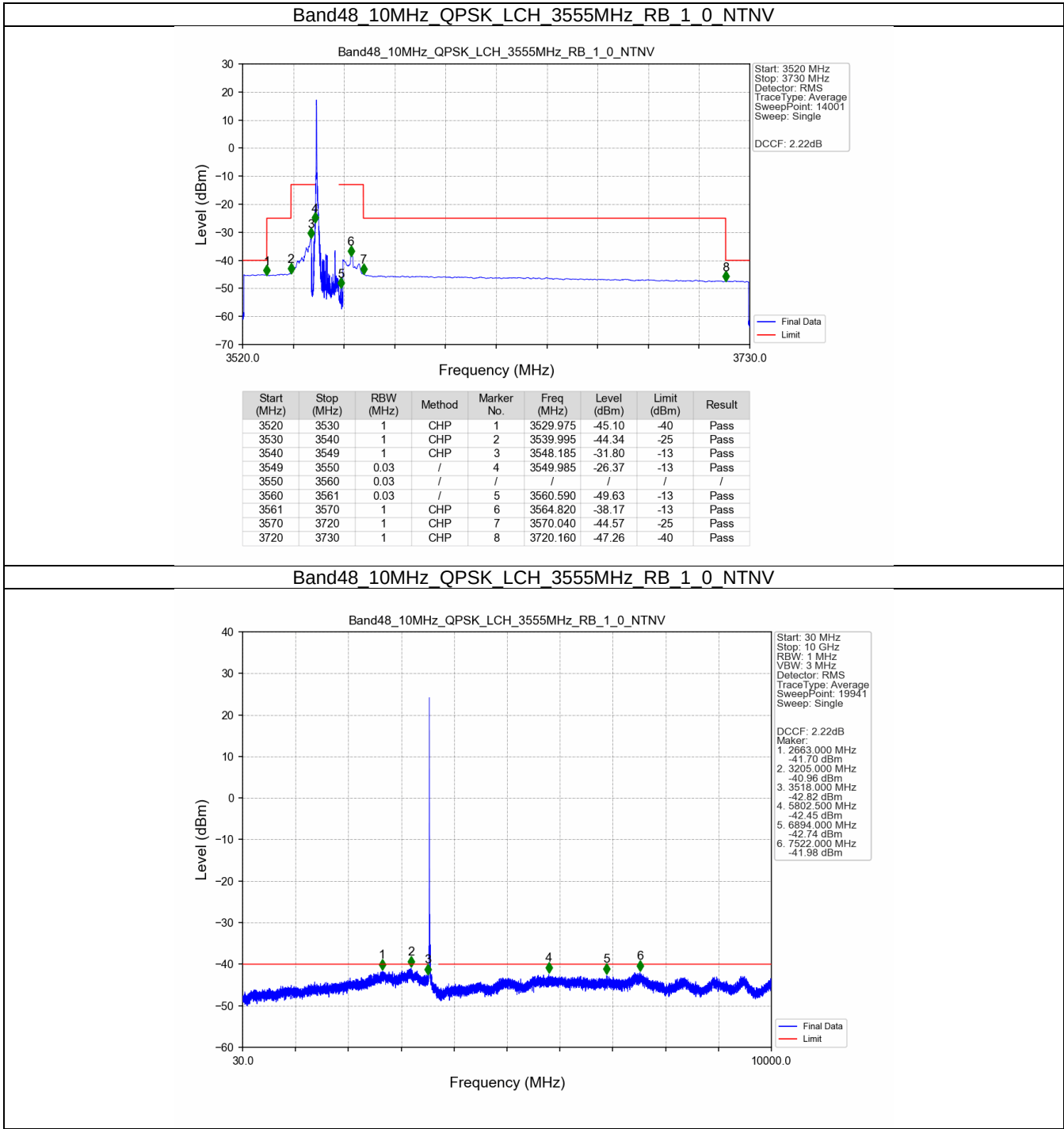
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



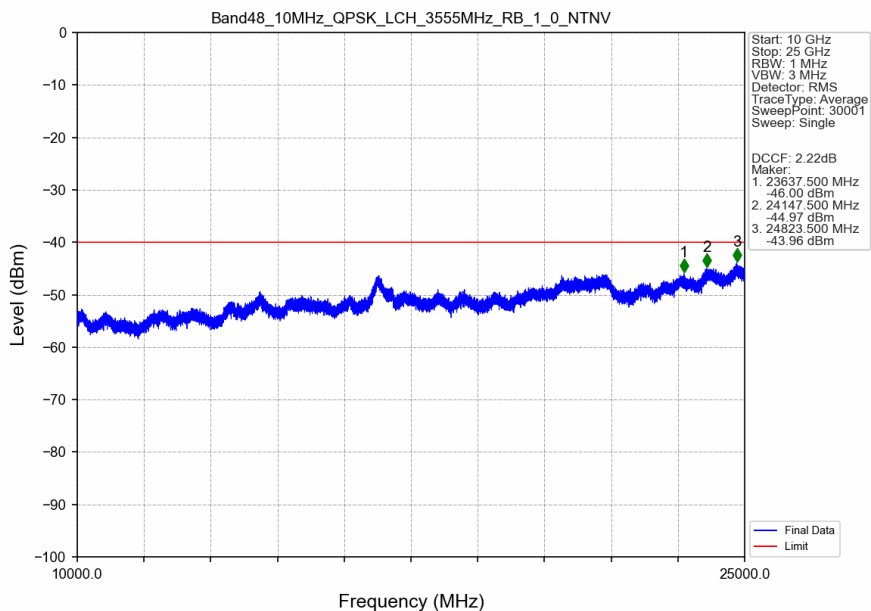




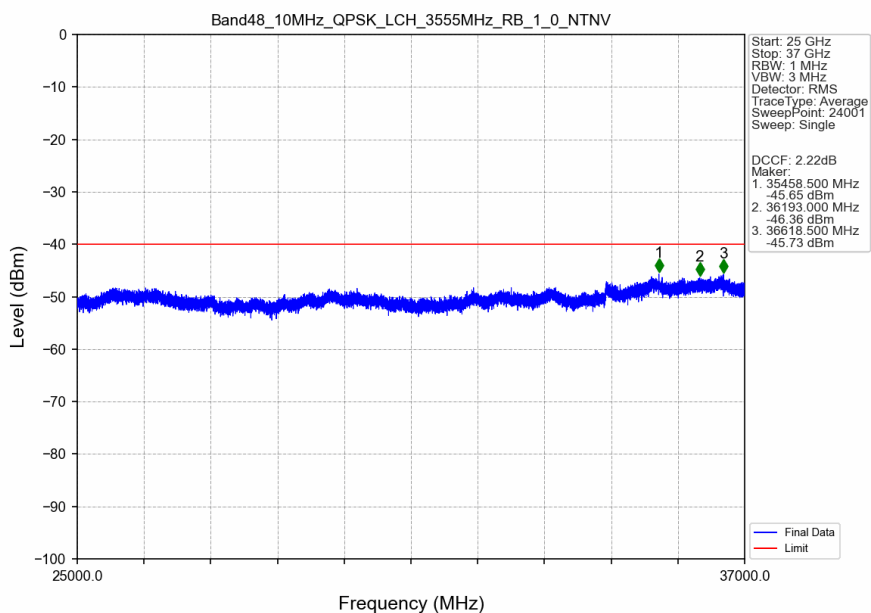
5.2.2 B48_10MHz

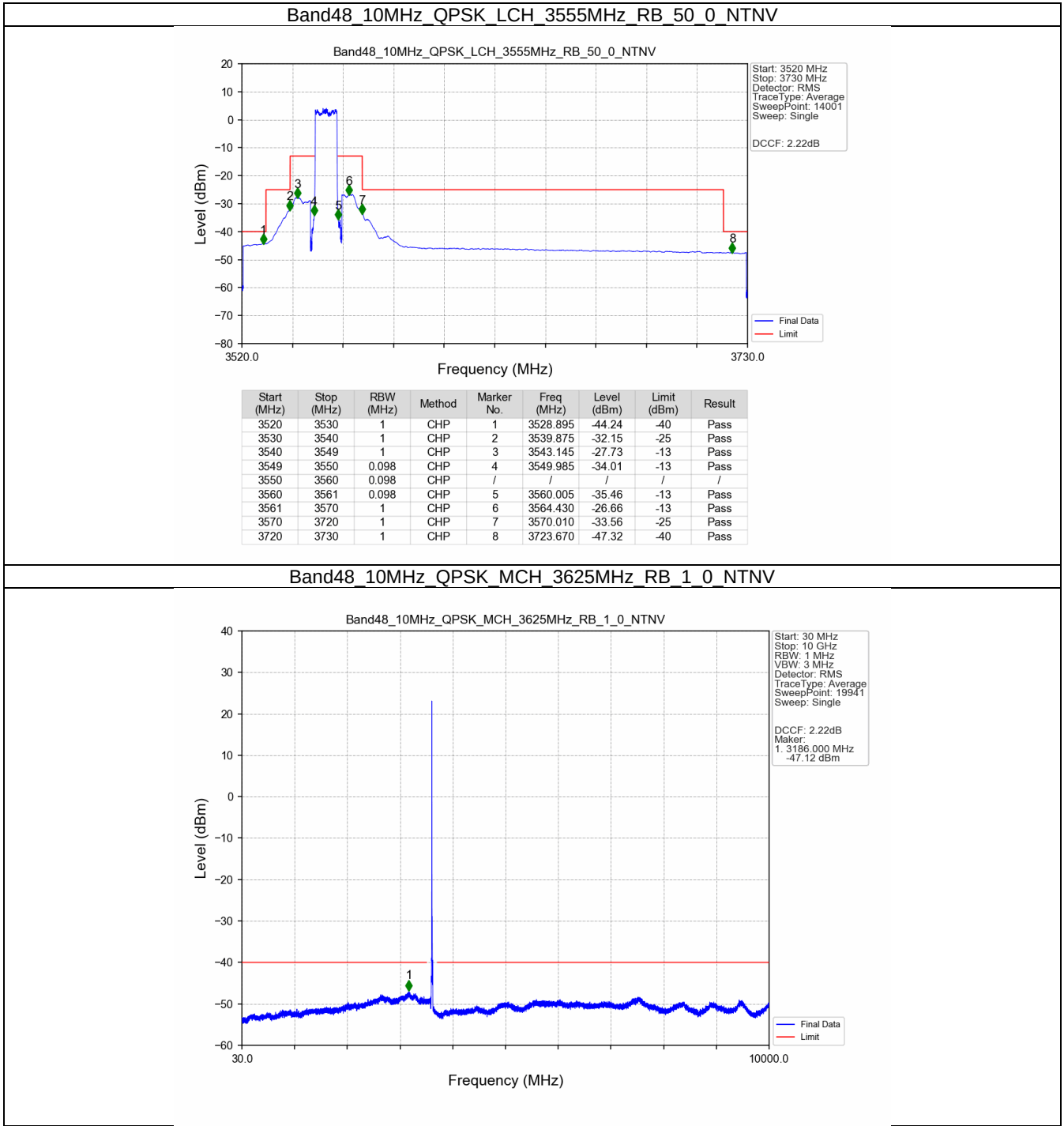


Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV

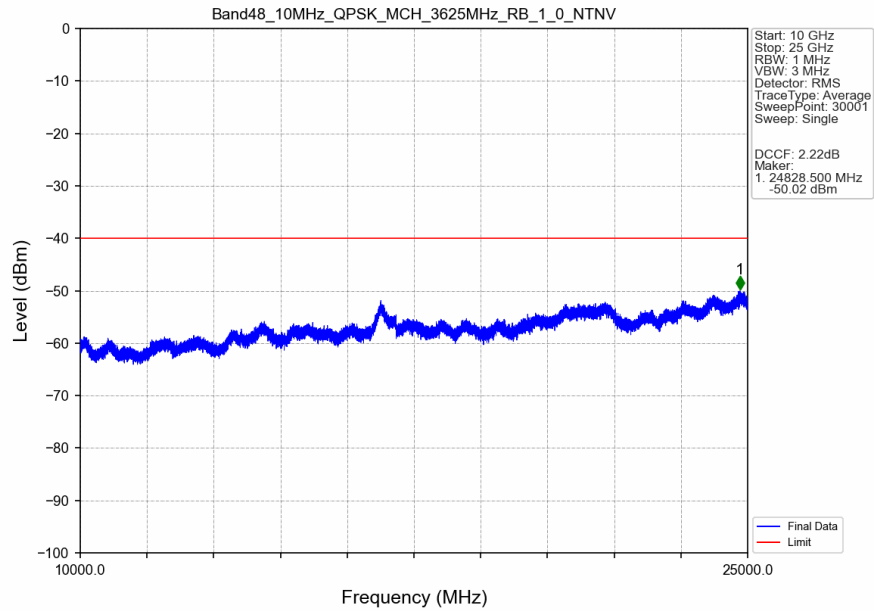


Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV

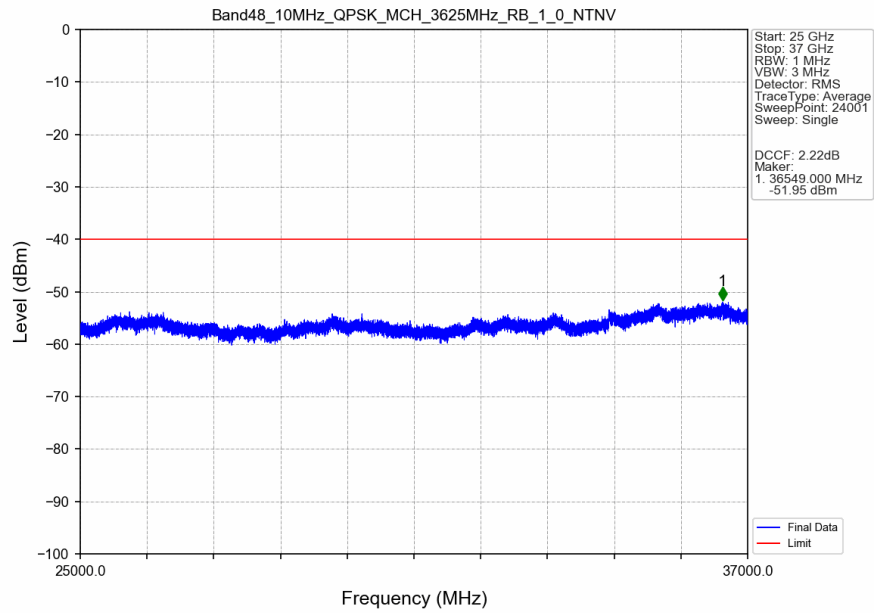




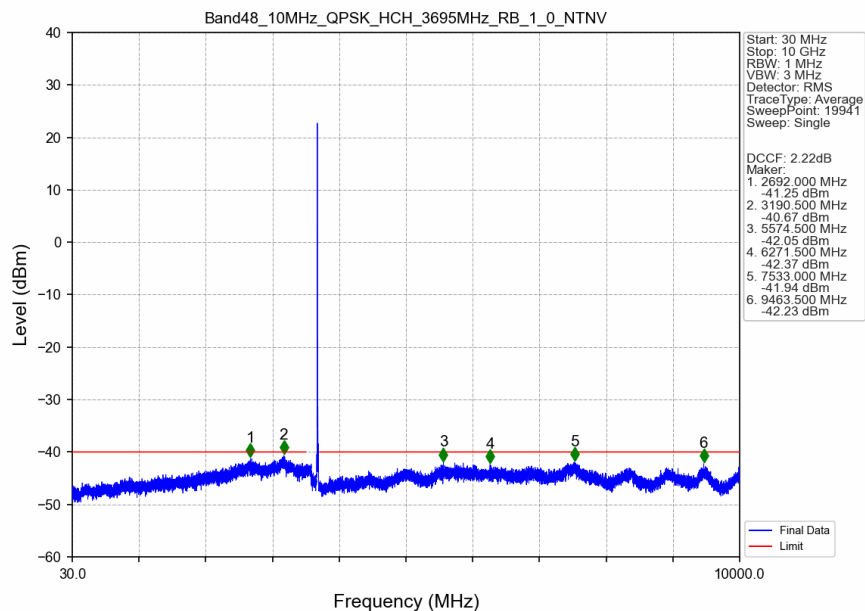
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



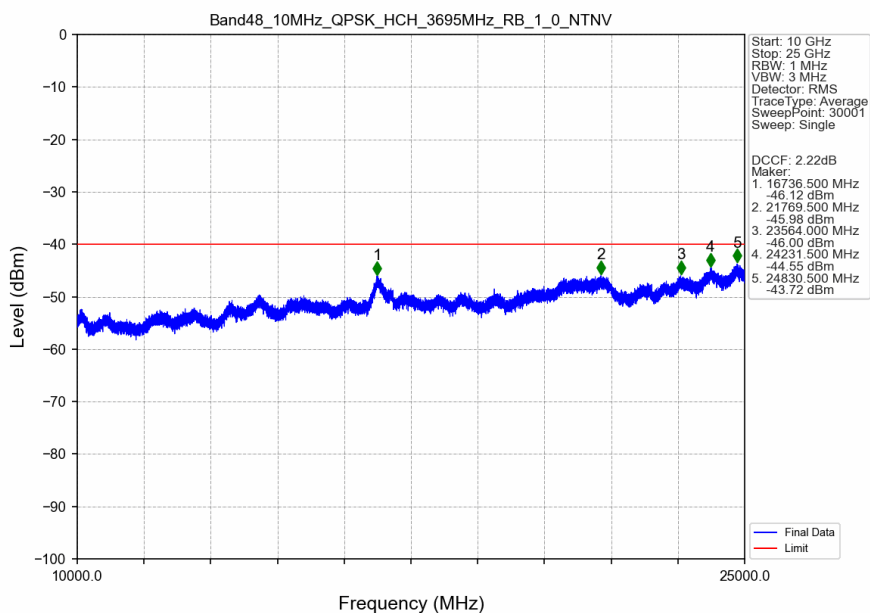
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



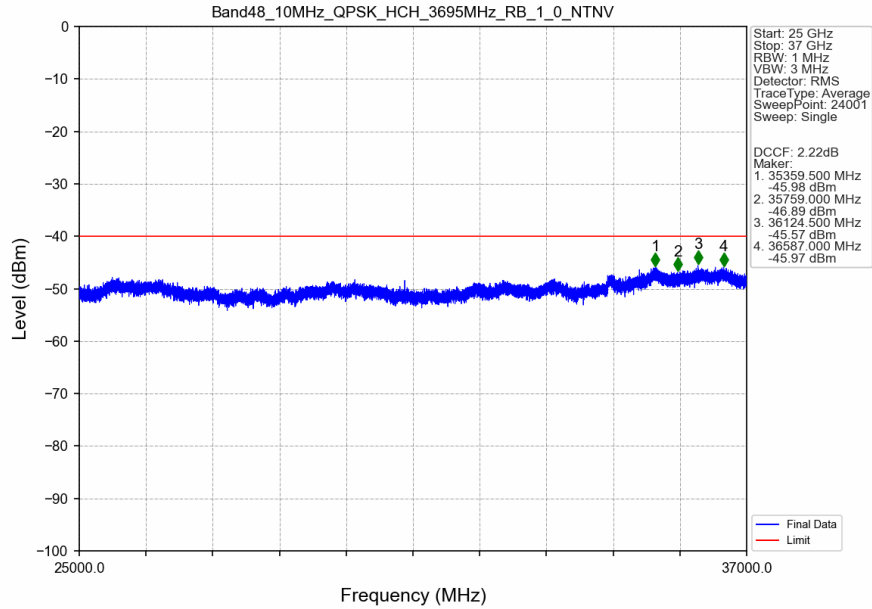
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



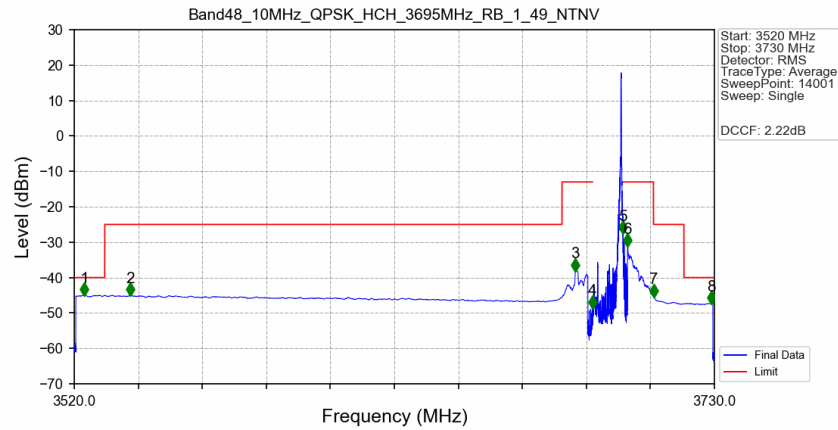
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV

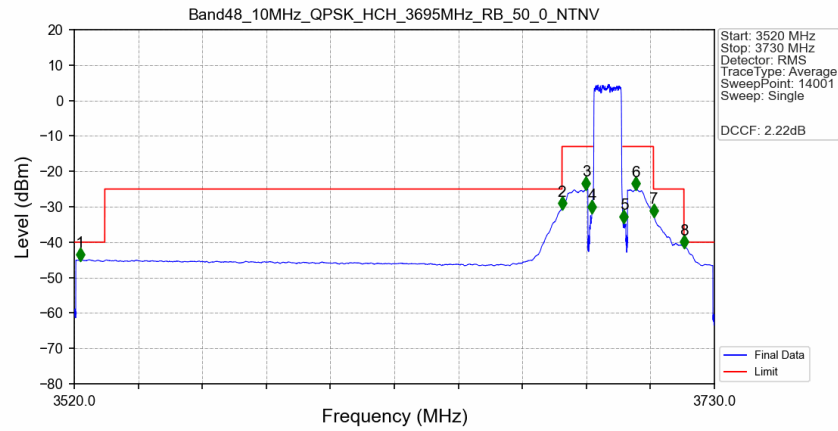


Band48_10MHz_QPSK_HCH_3695MHz_RB_1_49_NTNV



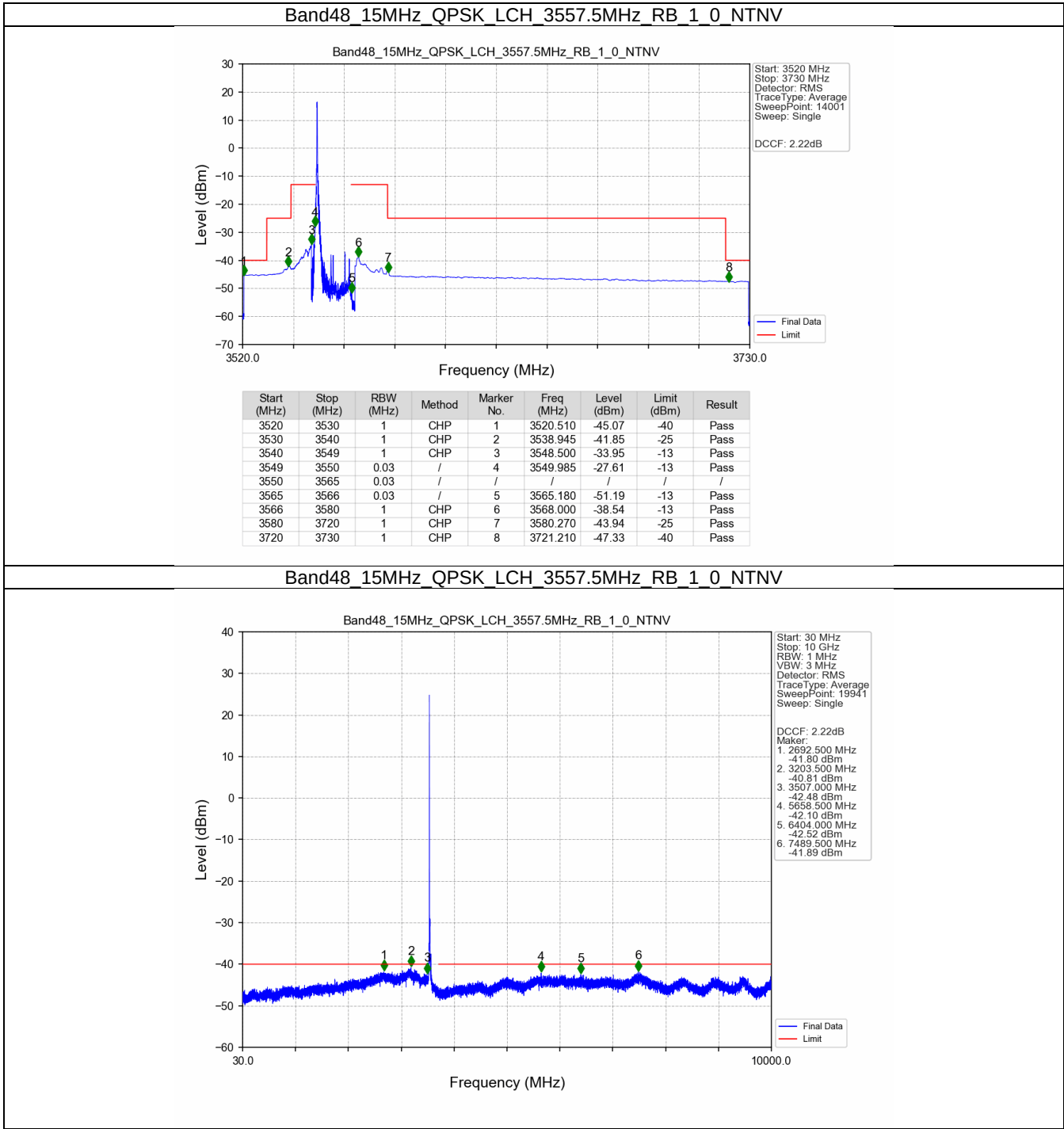
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.285	-44.83	-40	Pass
3530	3680	1	CHP	2	3538.450	-44.94	-25	Pass
3680	3689	1	CHP	3	3684.415	-37.97	-13	Pass
3689	3690	0.03	/	4	3689.995	-48.40	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.060	-27.36	-13	Pass
3701	3710	1	CHP	6	3701.500	-31.03	-13	Pass
3710	3720	1	CHP	7	3710.065	-45.24	-25	Pass
3720	3730	1	CHP	8	3729.100	-47.24	-40	Pass

Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTV

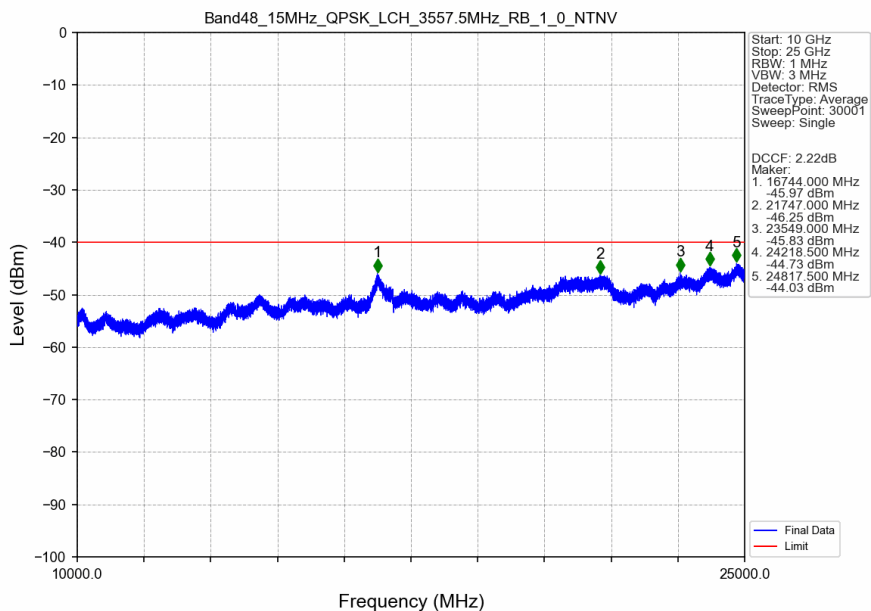


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.905	-44.94	-40	Pass
3530	3680	1	CHP	2	3679.990	-30.57	-25	Pass
3680	3689	1	CHP	3	3687.925	-24.87	-13	Pass
3689	3690	0.099	CHP	4	3689.845	-31.48	-13	Pass
3690	3700	0.099	CHP	/	/	/	/	/
3700	3701	0.099	CHP	5	3700.315	-34.30	-13	Pass
3701	3710	1	CHP	6	3704.275	-24.94	-13	Pass
3710	3720	1	CHP	7	3710.020	-32.55	-25	Pass
3720	3730	1	CHP	8	3720.010	-41.44	-40	Pass

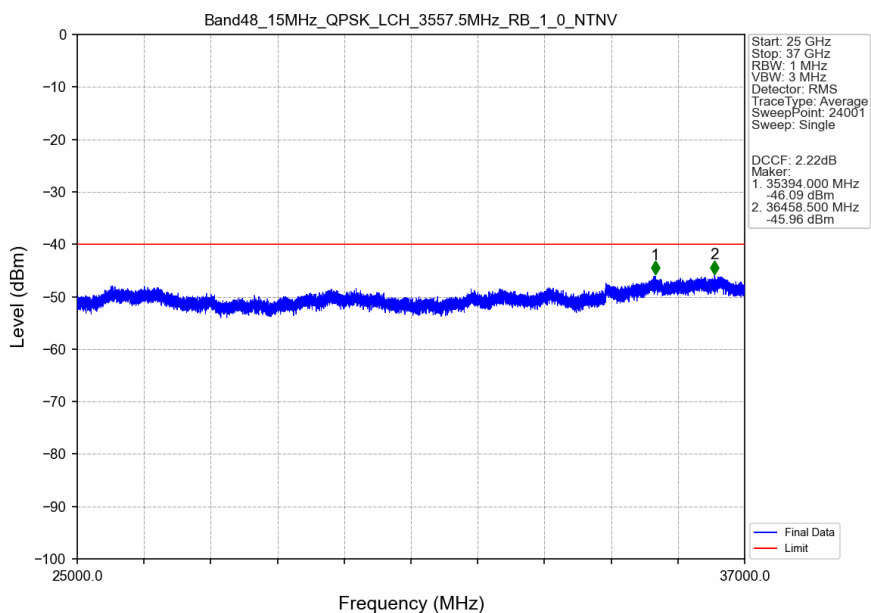
5.2.3 B48_15MHz

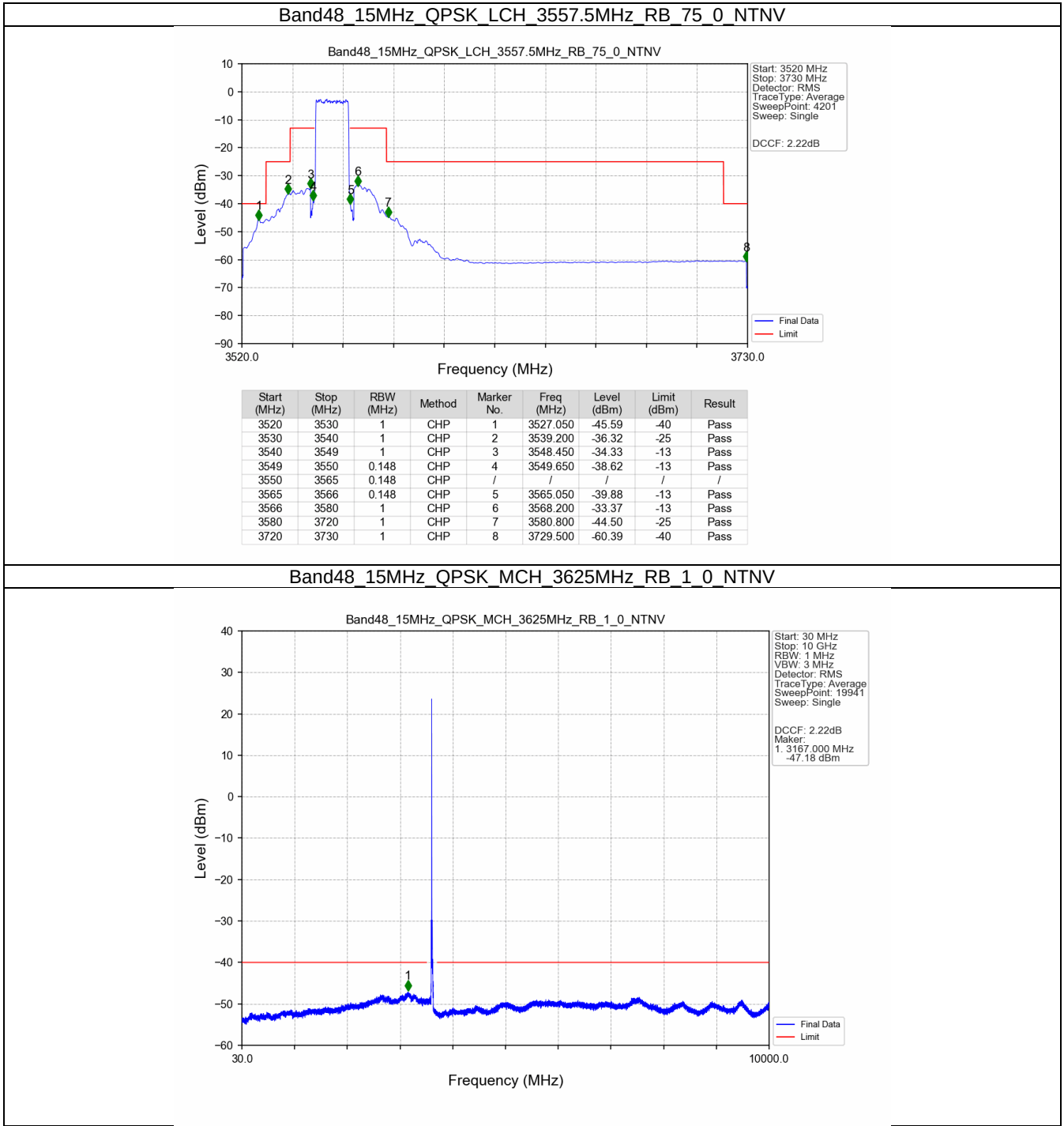


Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV

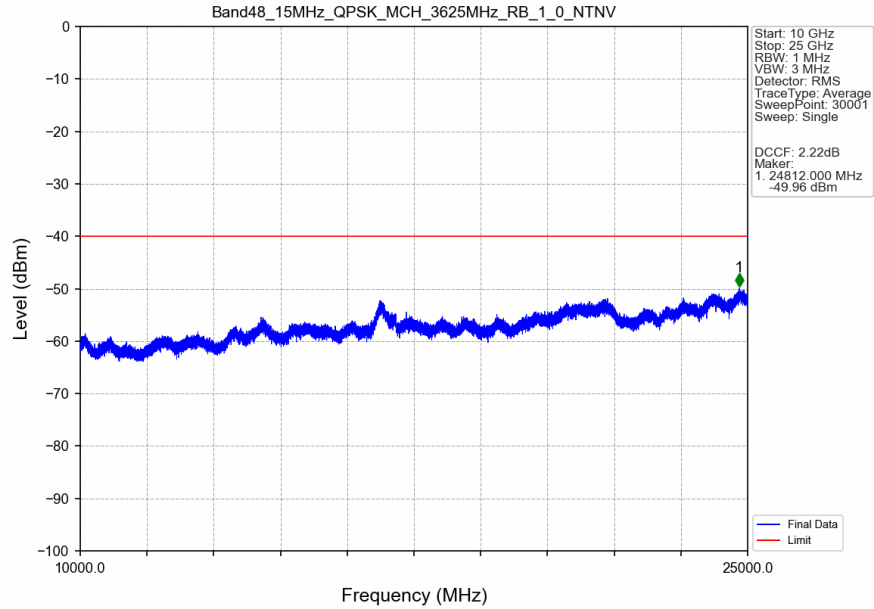


Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV

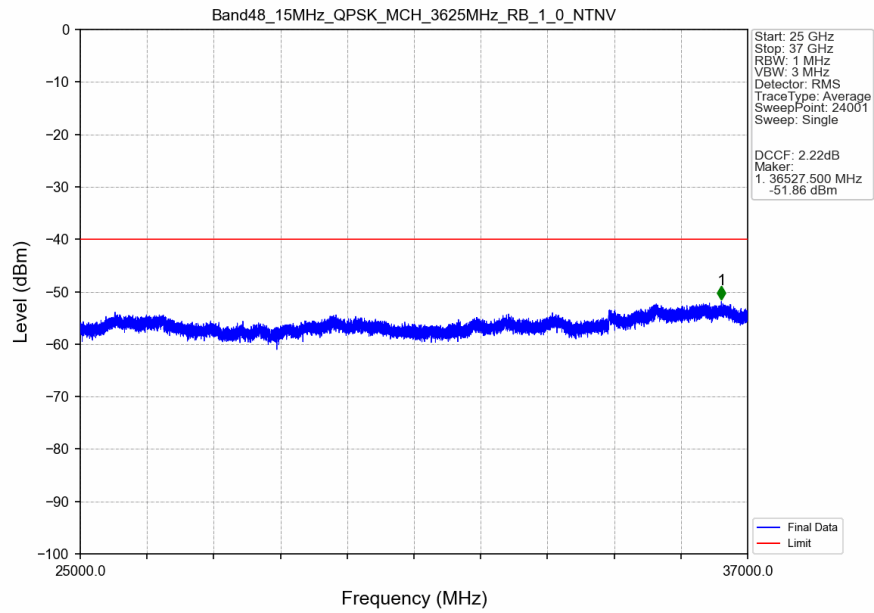




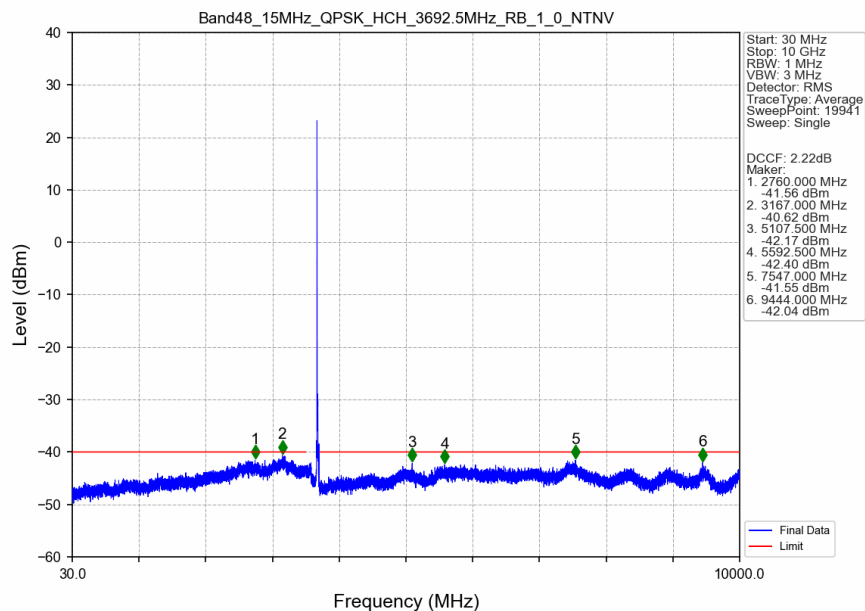
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



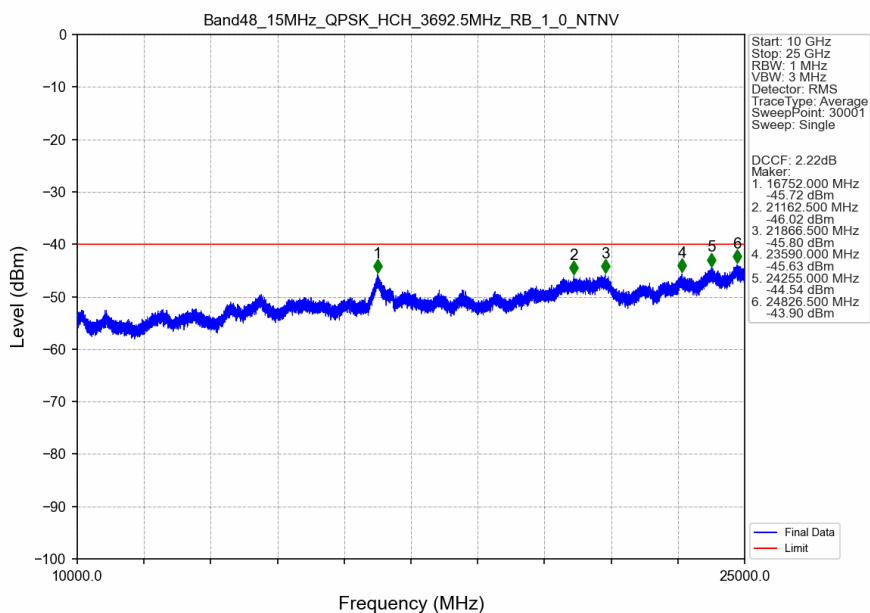
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



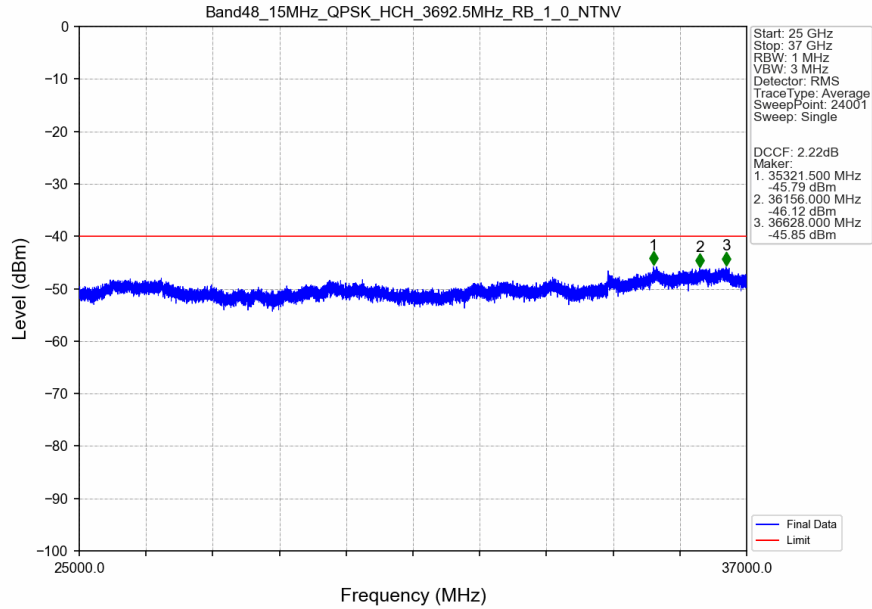
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



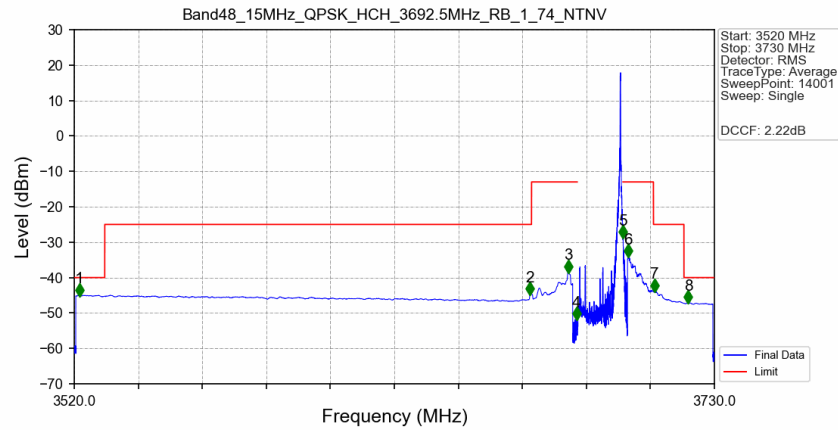
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV

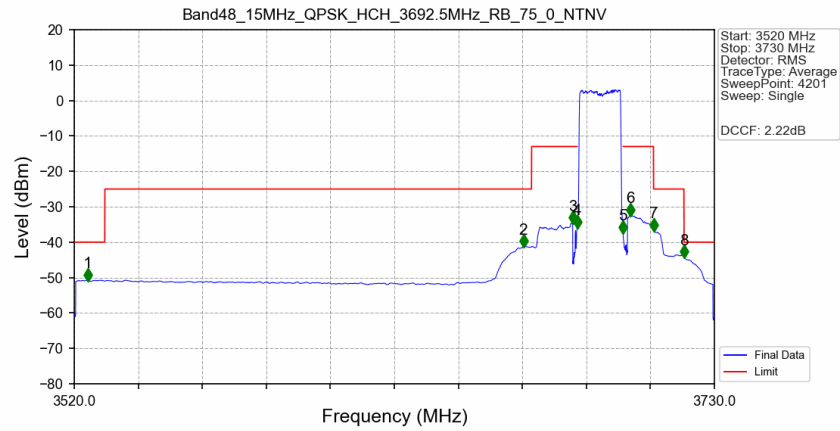


Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_74_NTNV



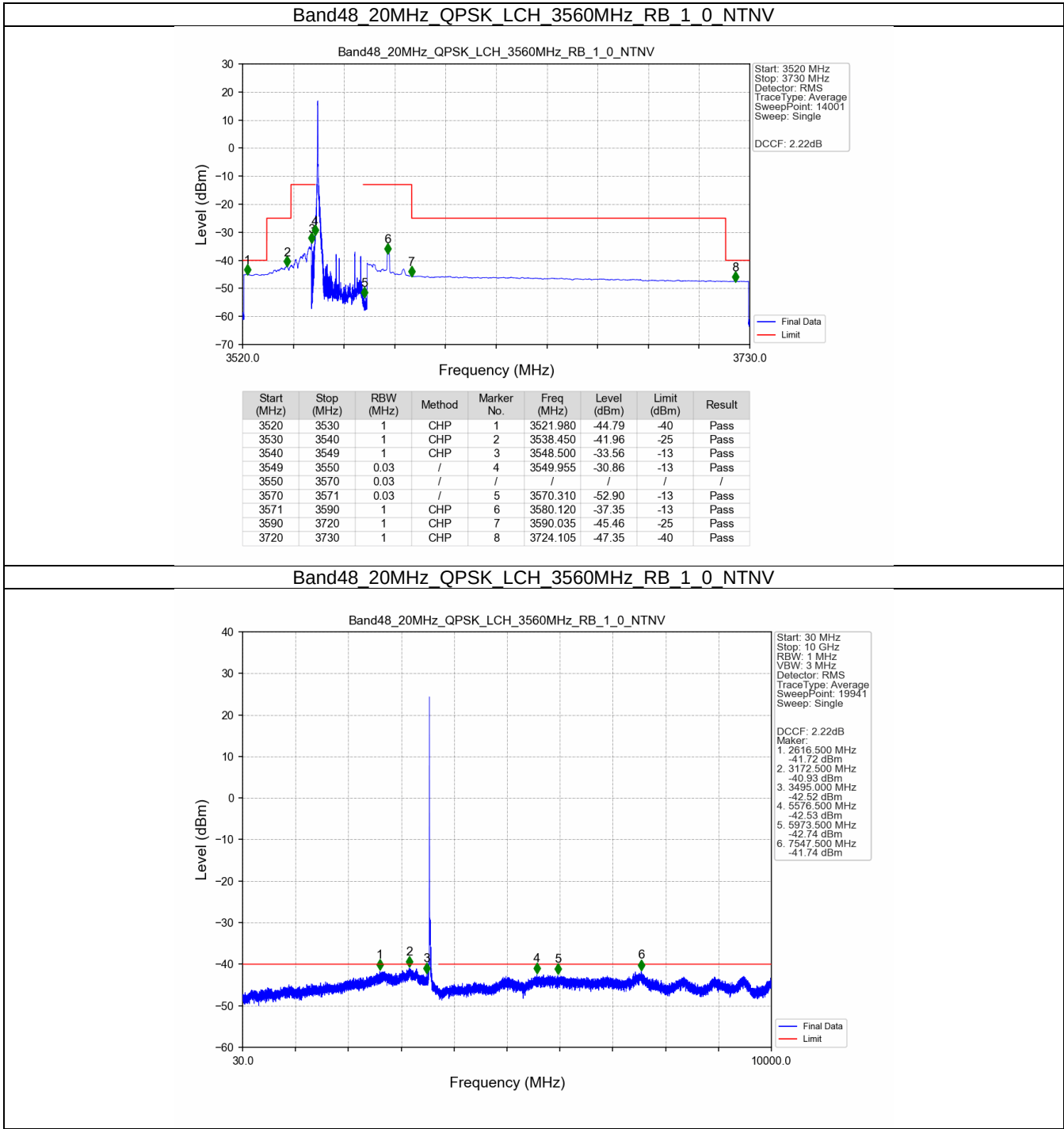
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.680	-45.02	-40	Pass
3530	3670	1	CHP	2	3669.535	-44.72	-25	Pass
3670	3684	1	CHP	3	3682.060	-38.40	-13	Pass
3684	3685	0.03	/	4	3684.805	-51.77	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.030	-28.67	-13	Pass
3701	3710	1	CHP	6	3701.725	-33.96	-13	Pass
3710	3720	1	CHP	7	3710.455	-43.73	-25	Pass
3720	3730	1	CHP	8	3721.435	-47.09	-40	Pass

Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV

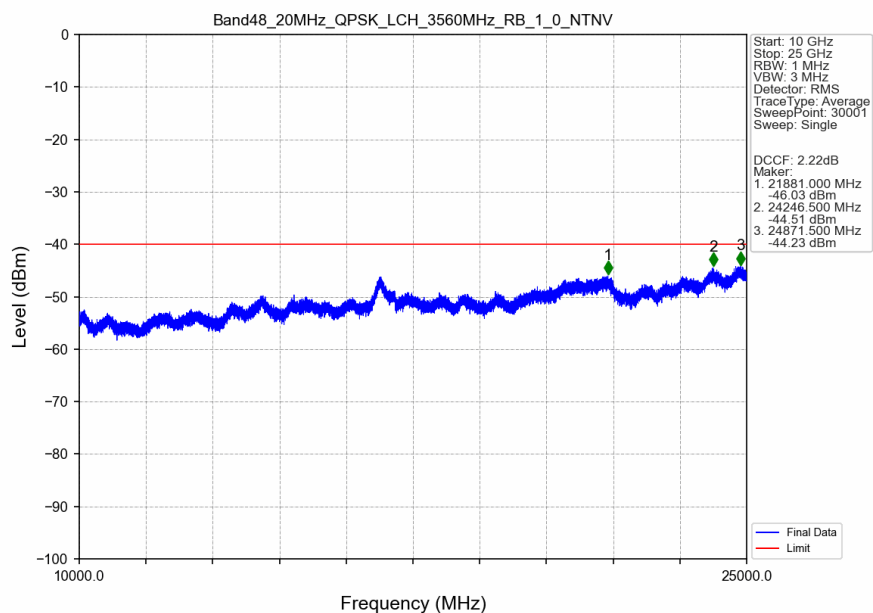


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.350	-50.74	-40	Pass
3530	3670	1	CHP	2	3667.350	-41.18	-25	Pass
3670	3684	1	CHP	3	3683.500	-34.55	-13	Pass
3684	3685	0.148	CHP	4	3684.950	-35.76	-13	Pass
3685	3700	0.148	CHP	/	/	/	/	/
3700	3701	0.148	CHP	5	3700.050	-37.30	-13	Pass
3701	3710	1	CHP	6	3702.550	-32.38	-13	Pass
3710	3720	1	CHP	7	3710.050	-36.65	-25	Pass
3720	3730	1	CHP	8	3720.050	-44.15	-40	Pass

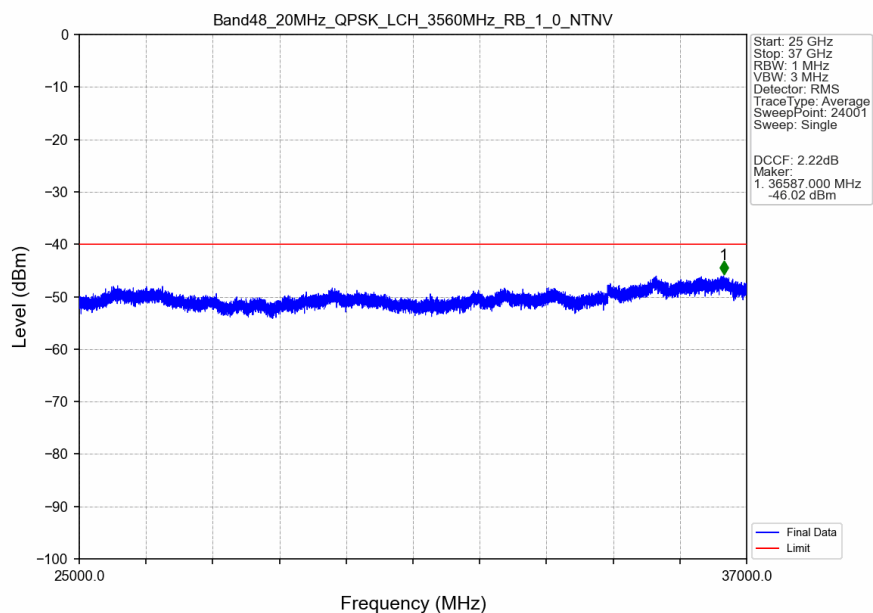
5.2.4 B48_20MHz



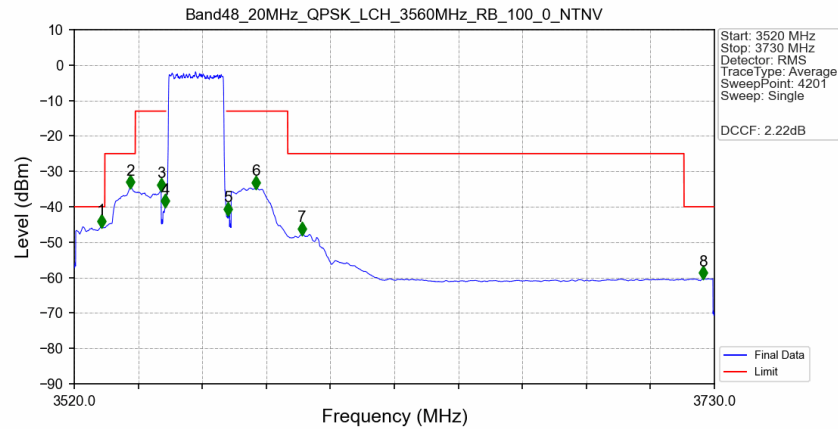
Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV



Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV

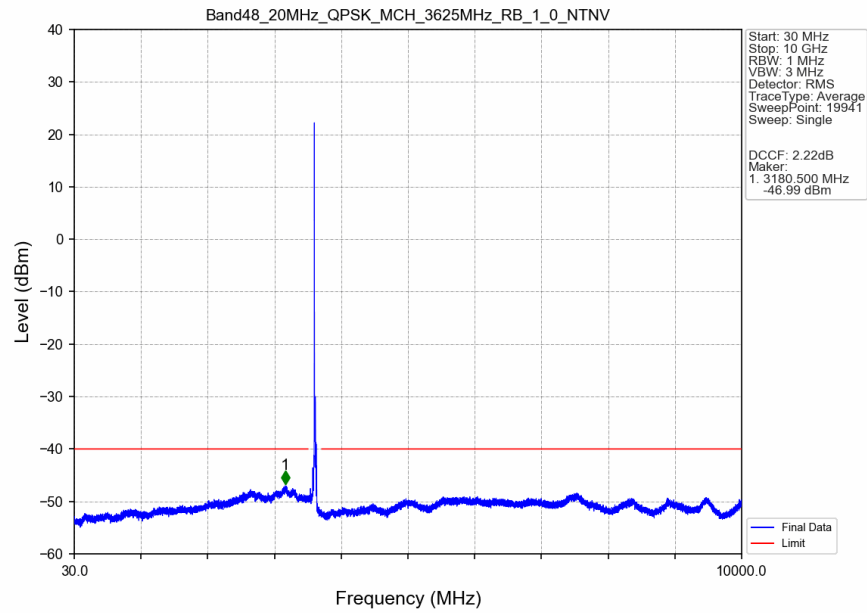


Band48_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV

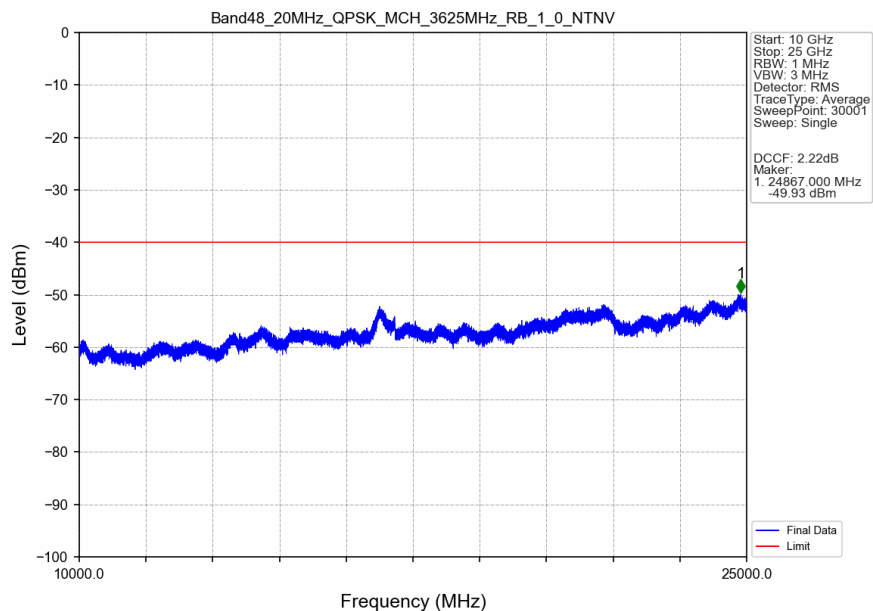


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.950	-45.64	-40	Pass
3530	3540	1	CHP	2	3538.400	-34.57	-25	Pass
3540	3549	1	CHP	3	3548.500	-35.34	-13	Pass
3549	3550	0.195	CHP	4	3549.900	-39.89	-13	Pass
3550	3570	0.195	CHP	/	/	/	/	/
3570	3571	0.195	CHP	5	3570.450	-42.14	-13	Pass
3571	3590	1	CHP	6	3579.550	-34.66	-13	Pass
3590	3720	1	CHP	7	3594.700	-47.69	-25	Pass
3720	3730	1	CHP	8	3726.350	-60.25	-40	Pass

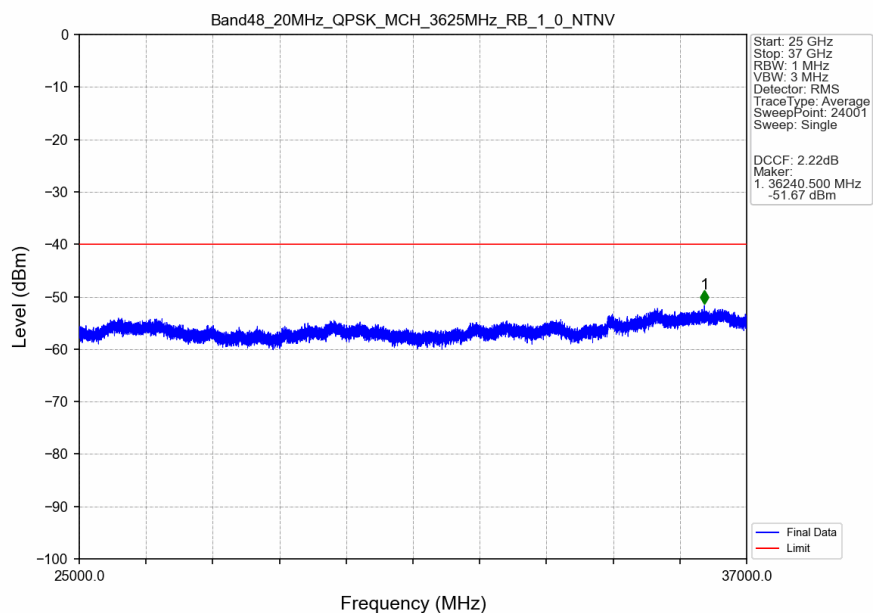
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



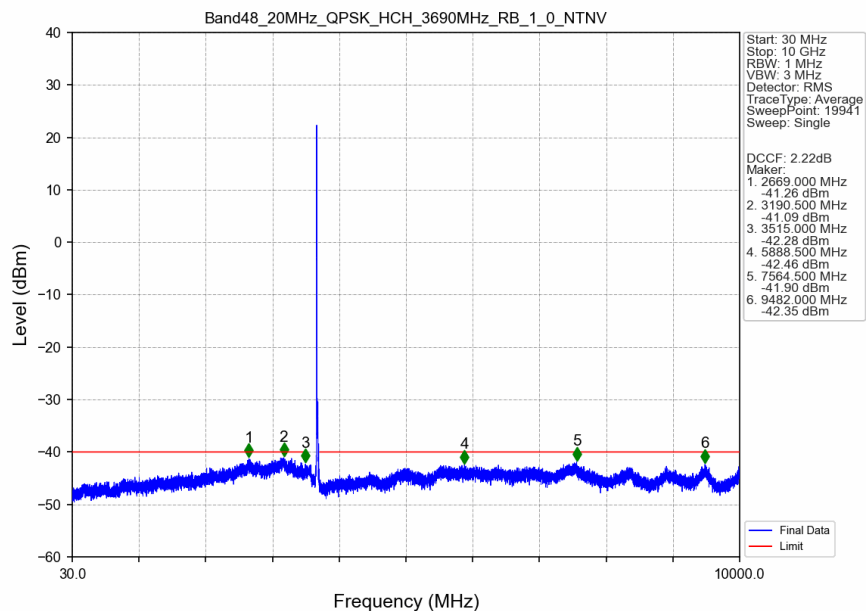
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



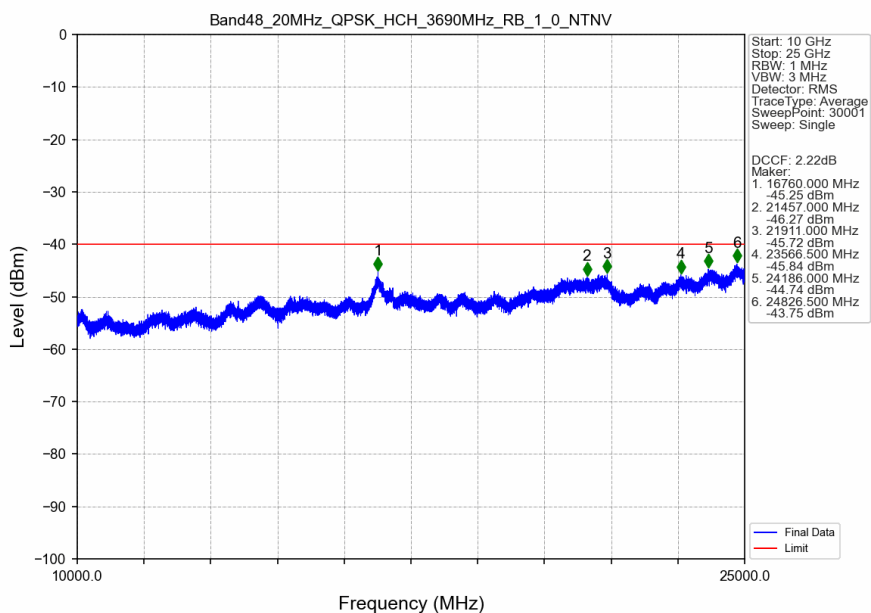
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



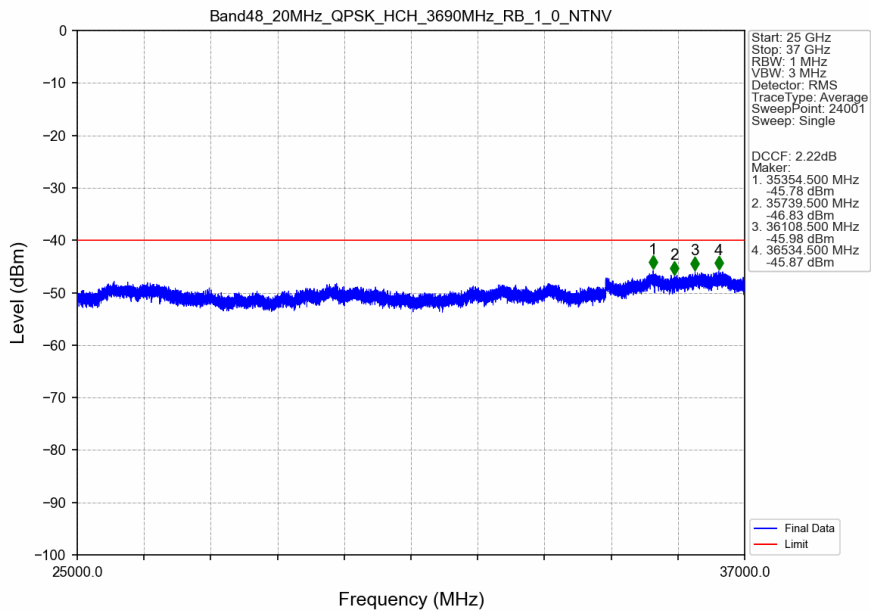
Band48_20MHz_QPSK_HCH_3690MHz_RB_1_0_NTNV



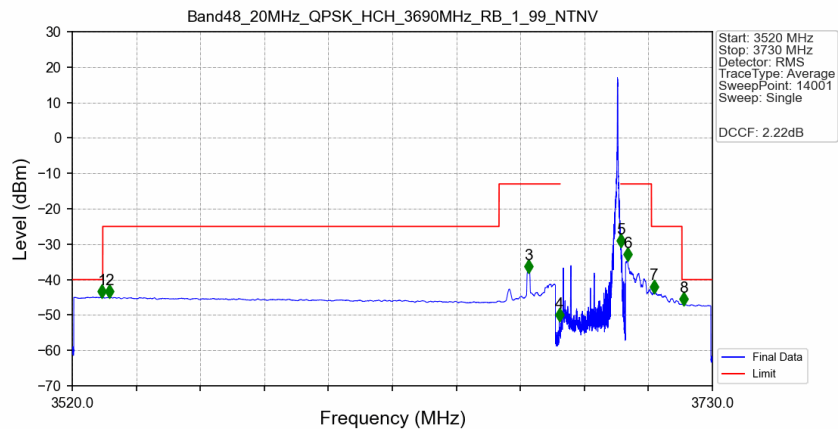
Band48_20MHz_QPSK_HCH_3690MHz_RB_1_0_NTNV



Band48_20MHz_QPSK_HCH_3690MHz_RB_1_0_NTNV

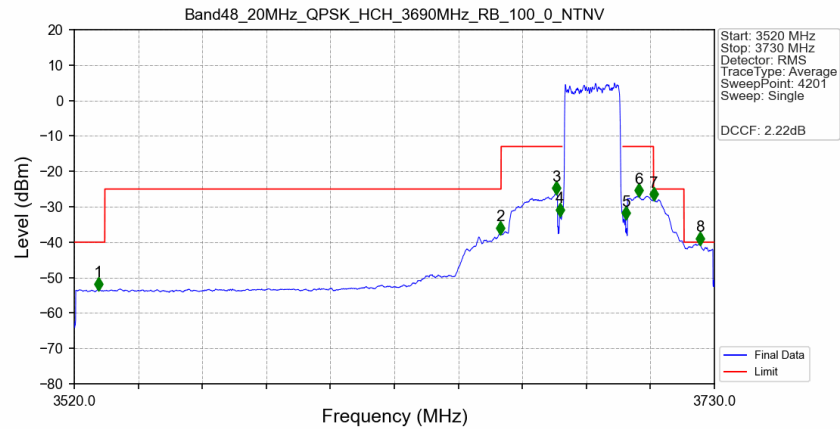


Band48_20MHz_QPSK_HCH_3690MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.750	-44.94	-40	Pass
3530	3660	1	CHP	2	3532.285	-44.96	-25	Pass
3660	3679	1	CHP	3	3669.700	-37.87	-13	Pass
3679	3680	0.03	/	4	3679.765	-51.57	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-30.52	-13	Pass
3701	3710	1	CHP	6	3702.190	-34.46	-13	Pass
3710	3720	1	CHP	7	3710.890	-43.50	-25	Pass
3720	3730	1	CHP	8	3720.640	-47.02	-40	Pass

Band48 20MHz_QPSK_HCH_3690MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.950	-53.27	-40	Pass
3530	3660	1	CHP	2	3659.750	-37.51	-25	Pass
3660	3679	1	CHP	3	3678.200	-26.31	-13	Pass
3679	3680	0.202	CHP	4	3679.250	-32.39	-13	Pass
3680	3700	0.202	CHP	/	/	/	/	/
3700	3701	0.202	CHP	5	3700.850	-33.35	-13	Pass
3701	3710	1	CHP	6	3705.100	-26.94	-13	Pass
3710	3720	1	CHP	7	3710.100	-27.99	-25	Pass
3720	3730	1	CHP	8	3725.200	-40.50	-40	Pass

6. Adjacent Channel Leakage Ratio

6.1 Test Result

6.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

		50	0	Refer To Test Graph	Pass
16QAM	3555	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3625	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3695	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
64QAM	3555	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3625	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3695	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
256QAM	3555	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3625	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3695	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

6.1.3 B48_15MHz

Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3692.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
16QAM	3557.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3692.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
64QAM	3557.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3692.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
256QAM	3557.5	1	0	Refer To Test Graph	Pass	

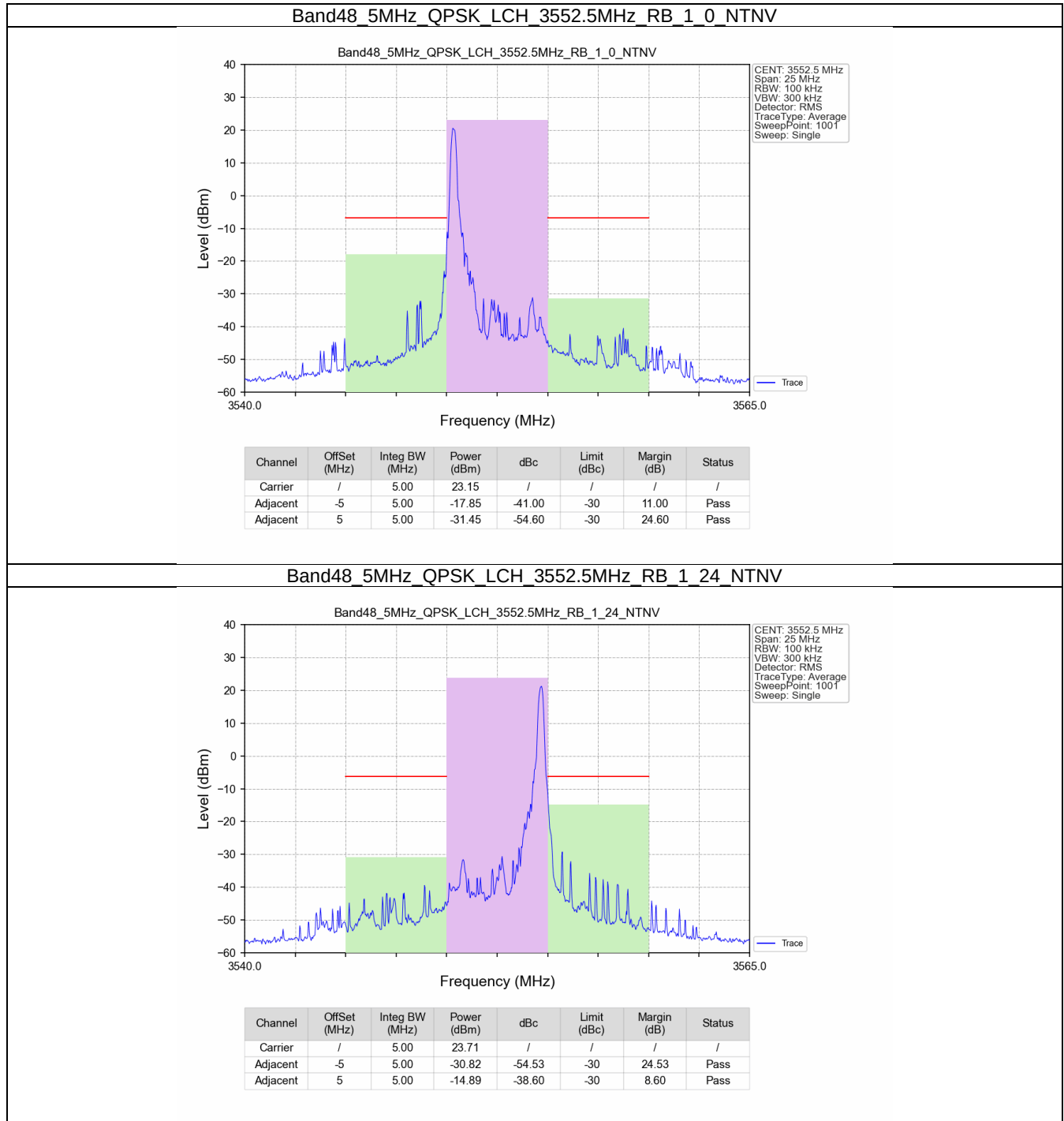
	3625		74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
	3692.5	75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B48_20MHz

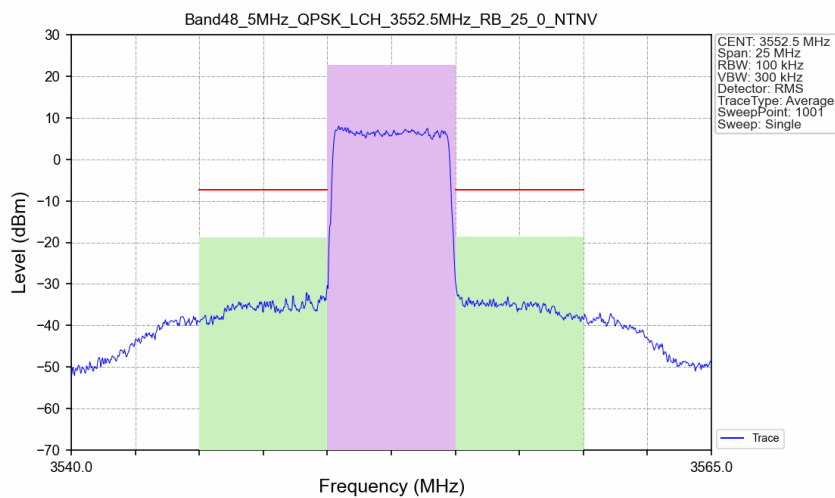
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	3560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	3560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
256QAM	3560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 B48_5MHz

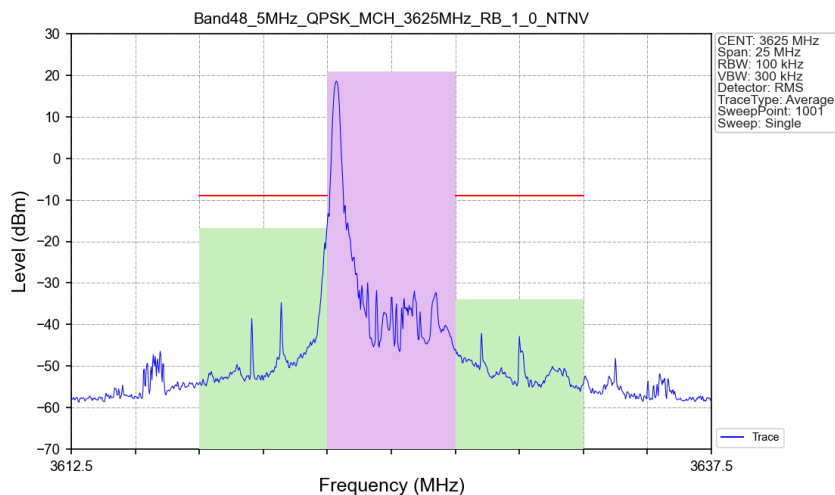


Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



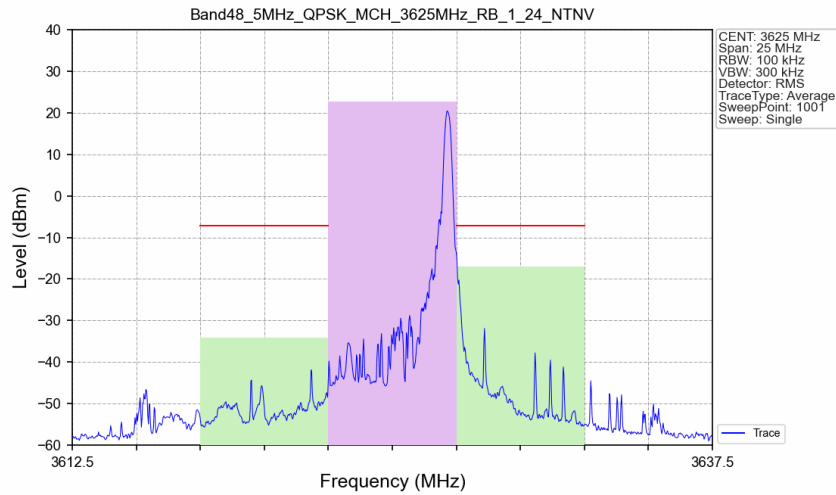
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	22.65	/	/	/	/
Adjacent	-5	5.00	-18.81	-41.46	-30	11.46	Pass
Adjacent	5	5.00	-18.57	-41.22	-30	11.22	Pass

Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.95	/	/	/	/
Adjacent	-5	5.00	-16.77	-37.72	-30	7.72	Pass
Adjacent	5	5.00	-33.91	-54.86	-30	24.86	Pass

Band48_5MHz_QPSK_MCH_3625MHz_RB_1_24_NTNV



Band48_5MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV

