

1. Effective (Isotropic) Radiated Power Output Data

1.1 B48_5MHz_EIRP

1.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	22.61	-1.2	21.41	/	Pass
			13	22.67	-1.2	21.47	/	Pass
			24	22.69	-1.2	21.49	/	Pass
		12	0	21.66	-1.2	20.46	/	Pass
			6	21.42	-1.2	20.22	/	Pass
			13	21.45	-1.2	20.25	/	Pass
		25	0	21.55	-1.2	20.35	/	Pass
	3625	1	0	22.1	-1.2	20.9	/	Pass
			13	22.01	-1.2	20.81	/	Pass
			24	22.07	-1.2	20.87	/	Pass
		12	0	21.68	-1.2	20.48	/	Pass
			6	20.76	-1.2	19.56	/	Pass
			13	20.97	-1.2	19.77	/	Pass
		25	0	20.96	-1.2	19.76	/	Pass
	3697.5	1	0	21.89	-1.2	20.69	/	Pass
			13	22.19	-1.2	20.99	/	Pass
			24	22.09	-1.2	20.89	/	Pass
		12	0	21.2	-1.2	20	/	Pass
			6	21.25	-1.2	20.05	/	Pass
			13	21.49	-1.2	20.29	/	Pass
		25	0	21.38	-1.2	20.18	/	Pass
16QAM	3552.5	1	0	21.74	-1.2	20.54	/	Pass
			13	21.92	-1.2	20.72	/	Pass
			24	21.78	-1.2	20.58	/	Pass
		12	0	20.79	-1.2	19.59	/	Pass
			6	20.85	-1.2	19.65	/	Pass
			13	20.63	-1.2	19.43	/	Pass
		25	0	20.65	-1.2	19.45	/	Pass
	3625	1	0	21.08	-1.2	19.88	/	Pass
			13	21.39	-1.2	20.19	/	Pass
			24	21.05	-1.2	19.85	/	Pass
		12	0	20.27	-1.2	19.07	/	Pass
			6	20.31	-1.2	19.11	/	Pass
			13	20.29	-1.2	19.09	/	Pass
		25	0	20.22	-1.2	19.02	/	Pass
	3697.5	1	0	21.29	-1.2	20.09	/	Pass
			13	21.65	-1.2	20.45	/	Pass
			24	21.77	-1.2	20.57	/	Pass
		12	0	20.75	-1.2	19.55	/	Pass
			6	20.95	-1.2	19.75	/	Pass
			13	20.64	-1.2	19.44	/	Pass
		25	0	20.79	-1.2	19.59	/	Pass
64QAM	3552.5	1	0	21.61	-1.2	20.41	/	Pass
			13	21.82	-1.2	20.62	/	Pass
			24	21.71	-1.2	20.51	/	Pass
		12	0	20.75	-1.2	19.55	/	Pass

		25	6	20.72	-1.2	19.52	/	Pass
			13	20.52	-1.2	19.32	/	Pass
			0	20.58	-1.2	19.38	/	Pass
	3625	1	0	21.04	-1.2	19.84	/	Pass
			13	21.12	-1.2	19.92	/	Pass
			24	20.88	-1.2	19.68	/	Pass
		12	0	20.34	-1.2	19.14	/	Pass
			6	20.34	-1.2	19.14	/	Pass
			13	20.32	-1.2	19.12	/	Pass
		25	0	20.21	-1.2	19.01	/	Pass
	3697.5	1	0	21.36	-1.2	20.16	/	Pass
			13	21.45	-1.2	20.25	/	Pass
			24	21.57	-1.2	20.37	/	Pass
		12	0	20.51	-1.2	19.31	/	Pass
			6	20.6	-1.2	19.4	/	Pass
			13	20.57	-1.2	19.37	/	Pass
		25	0	20.83	-1.2	19.63	/	Pass
256QAM	3552.5	1	0	17.71	-1.2	16.51	/	Pass
			13	17.87	-1.2	16.67	/	Pass
			24	17.76	-1.2	16.56	/	Pass
		12	0	17.68	-1.2	16.48	/	Pass
			6	17.89	-1.2	16.69	/	Pass
			13	17.67	-1.2	16.47	/	Pass
		25	0	17.6	-1.2	16.4	/	Pass
	3625	1	0	17.85	-1.2	16.65	/	Pass
			13	17.98	-1.2	16.78	/	Pass
			24	17.96	-1.2	16.76	/	Pass
		12	0	17.76	-1.2	16.56	/	Pass
			6	17.89	-1.2	16.69	/	Pass
			13	17.66	-1.2	16.46	/	Pass
		25	0	17.8	-1.2	16.6	/	Pass
	3697.5	1	0	18.14	-1.2	16.94	/	Pass
			13	18.35	-1.2	17.15	/	Pass
			24	18.49	-1.2	17.29	/	Pass
		12	0	18.14	-1.2	16.94	/	Pass
			6	18.29	-1.2	17.09	/	Pass
			13	18.24	-1.2	17.04	/	Pass
		25	0	18.36	-1.2	17.16	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B48_5MHz_EIRP/10MHz

1.2.1 Test Result

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	21.1	-1.2	19.9	<=23	Pass
			13	21.11	-1.2	19.91	<=23	Pass
			24	20.78	-1.2	19.58	<=23	Pass
		12	0	19.91	-1.2	18.71	<=23	Pass
			6	19.81	-1.2	18.61	<=23	Pass
			13	19.85	-1.2	18.65	<=23	Pass
		25	0	20.11	-1.2	18.91	<=23	Pass
	3625	1	0	21.3	-1.2	20.1	<=23	Pass

		12	13	21.38	-1.2	20.18	<=23	Pass	
			24	21.31	-1.2	20.11	<=23	Pass	
			0	19.82	-1.2	18.62	<=23	Pass	
			6	20.2	-1.2	19	<=23	Pass	
			13	20.46	-1.2	19.26	<=23	Pass	
		25	0	21.49	-1.2	20.29	<=23	Pass	
	3697.5	1	0	22.01	-1.2	20.81	<=23	Pass	
			13	22.45	-1.2	21.25	<=23	Pass	
			24	22.01	-1.2	20.81	<=23	Pass	
		12	0	21.39	-1.2	20.19	<=23	Pass	
			6	20.92	-1.2	19.72	<=23	Pass	
			13	21.16	-1.2	19.96	<=23	Pass	
	25	0	21.11	-1.2	19.91	<=23	Pass		
	16QAM	3552.5	1	0	20.1	-1.2	18.9	<=23	Pass
				13	20.28	-1.2	19.08	<=23	Pass
24				20.06	-1.2	18.86	<=23	Pass	
12			0	18.99	-1.2	17.79	<=23	Pass	
			6	19.05	-1.2	17.85	<=23	Pass	
			13	18.78	-1.2	17.58	<=23	Pass	
25		0	19.18	-1.2	17.98	<=23	Pass		
3625		1	0	20.62	-1.2	19.42	<=23	Pass	
			13	20.39	-1.2	19.19	<=23	Pass	
			24	20.62	-1.2	19.42	<=23	Pass	
		12	0	19.14	-1.2	17.94	<=23	Pass	
			6	19.2	-1.2	18	<=23	Pass	
			13	19.5	-1.2	18.3	<=23	Pass	
25		0	19.2	-1.2	18	<=23	Pass		
3697.5		1	0	21.53	-1.2	20.33	<=23	Pass	
			13	21.4	-1.2	20.2	<=23	Pass	
			24	21.46	-1.2	20.26	<=23	Pass	
		12	0	20.03	-1.2	18.83	<=23	Pass	
			6	20.11	-1.2	18.91	<=23	Pass	
			13	20.33	-1.2	19.13	<=23	Pass	
25		0	20.35	-1.2	19.15	<=23	Pass		
64QAM	3552.5	1	0	20.3	-1.2	19.1	<=23	Pass	
			13	19.96	-1.2	18.76	<=23	Pass	
			24	19.99	-1.2	18.79	<=23	Pass	
		12	0	19.21	-1.2	18.01	<=23	Pass	
			6	19.35	-1.2	18.15	<=23	Pass	
			13	18.8	-1.2	17.6	<=23	Pass	
	25	0	19.14	-1.2	17.94	<=23	Pass		
	3625	1	0	19.8	-1.2	18.6	<=23	Pass	
			13	20.21	-1.2	19.01	<=23	Pass	
			24	20.46	-1.2	19.26	<=23	Pass	
		12	0	19.21	-1.2	18.01	<=23	Pass	
			6	19.24	-1.2	18.04	<=23	Pass	
			13	19.07	-1.2	17.87	<=23	Pass	
	25	0	19.15	-1.2	17.95	<=23	Pass		
	3697.5	1	0	20.57	-1.2	19.37	<=23	Pass	
			13	20.37	-1.2	19.17	<=23	Pass	
			24	20.52	-1.2	19.32	<=23	Pass	
		12	0	19.44	-1.2	18.24	<=23	Pass	
6			19.29	-1.2	18.09	<=23	Pass		
13			19.39	-1.2	18.19	<=23	Pass		
25	0	19.44	-1.2	18.24	<=23	Pass			
256QAM	3552.5	1	0	15.89	-1.2	14.69	<=23	Pass	
			13	16.4	-1.2	15.2	<=23	Pass	

		12	24	15.97	-1.2	14.77	<=23	Pass
			0	15.94	-1.2	14.74	<=23	Pass
			6	16.15	-1.2	14.95	<=23	Pass
			13	15.84	-1.2	14.64	<=23	Pass
		25	0	16.2	-1.2	15	<=23	Pass
	3625	1	0	16.12	-1.2	14.92	<=23	Pass
			13	16.15	-1.2	14.95	<=23	Pass
			24	16.4	-1.2	15.2	<=23	Pass
		12	0	16.3	-1.2	15.1	<=23	Pass
			6	16.41	-1.2	15.21	<=23	Pass
			13	16.67	-1.2	15.47	<=23	Pass
		25	0	17.54	-1.2	16.34	<=23	Pass
		3697.5	1	0	17.56	-1.2	16.36	<=23
	13			17.08	-1.2	15.88	<=23	Pass
	24			17.08	-1.2	15.88	<=23	Pass
	12		0	17.16	-1.2	15.96	<=23	Pass
			6	17.35	-1.2	16.15	<=23	Pass
			13	17.4	-1.2	16.2	<=23	Pass
	25		0	17.49	-1.2	16.29	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.3 B48_10MHz_EIRP

1.3.1 Test Result

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	22.58	-1.2	21.38	/	Pass
			25	22.48	-1.2	21.28	/	Pass
			49	22.5	-1.2	21.3	/	Pass
		25	0	21.51	-1.2	20.31	/	Pass
			13	21.62	-1.2	20.42	/	Pass
			25	21.58	-1.2	20.38	/	Pass
		50	0	21.44	-1.2	20.24	/	Pass
	3625	1	0	22.52	-1.2	21.32	/	Pass
			25	22.55	-1.2	21.35	/	Pass
			49	22.58	-1.2	21.38	/	Pass
		25	0	21.64	-1.2	20.44	/	Pass
			13	21.6	-1.2	20.4	/	Pass
			25	21.69	-1.2	20.49	/	Pass
		50	0	21.61	-1.2	20.41	/	Pass
	3695	1	0	22.57	-1.2	21.37	/	Pass
			25	22.29	-1.2	21.09	/	Pass
			49	22.53	-1.2	21.33	/	Pass
		25	0	21.69	-1.2	20.49	/	Pass
			13	21.76	-1.2	20.56	/	Pass
			25	21.76	-1.2	20.56	/	Pass
		50	0	21.79	-1.2	20.59	/	Pass
16QAM	3555	1	0	21.63	-1.2	20.43	/	Pass
			25	21.88	-1.2	20.68	/	Pass
			49	21.73	-1.2	20.53	/	Pass
		25	0	20.44	-1.2	19.24	/	Pass
			13	20.58	-1.2	19.38	/	Pass
			25	20.58	-1.2	19.38	/	Pass
		50	0	20.44	-1.2	19.24	/	Pass
	3625	1	0	21.49	-1.2	20.29	/	Pass
			25	21.61	-1.2	20.41	/	Pass
			49	21.47	-1.2	20.27	/	Pass
		25	0	20.55	-1.2	19.35	/	Pass
			13	20.6	-1.2	19.4	/	Pass
			25	20.61	-1.2	19.41	/	Pass
		50	0	20.6	-1.2	19.4	/	Pass
	3695	1	0	21.61	-1.2	20.41	/	Pass
			25	21.71	-1.2	20.51	/	Pass
			49	21.76	-1.2	20.56	/	Pass
		25	0	21.02	-1.2	19.82	/	Pass
			13	21.18	-1.2	19.98	/	Pass
			25	21.24	-1.2	20.04	/	Pass
		50	0	21.16	-1.2	19.96	/	Pass
64QAM	3555	1	0	21.54	-1.2	20.34	/	Pass
			25	21.51	-1.2	20.31	/	Pass
			49	21.52	-1.2	20.32	/	Pass
		25	0	20.57	-1.2	19.37	/	Pass
			13	20.65	-1.2	19.45	/	Pass

			25	20.54	-1.2	19.34	/	Pass
		50	0	20.45	-1.2	19.25	/	Pass
	3625	1	0	21.48	-1.2	20.28	/	Pass
			25	21.46	-1.2	20.26	/	Pass
			49	21.36	-1.2	20.16	/	Pass
		25	0	20.64	-1.2	19.44	/	Pass
			13	20.8	-1.2	19.6	/	Pass
			25	20.66	-1.2	19.46	/	Pass
	50	0	20.66	-1.2	19.46	/	Pass	
	3695	1	0	21.54	-1.2	20.34	/	Pass
			25	21.67	-1.2	20.47	/	Pass
			49	21.99	-1.2	20.79	/	Pass
		25	0	21.04	-1.2	19.84	/	Pass
			13	21.18	-1.2	19.98	/	Pass
			25	21.16	-1.2	19.96	/	Pass
	50	0	21.17	-1.2	19.97	/	Pass	
	256QAM	3555	1	0	17.58	-1.2	16.38	/
25				17.74	-1.2	16.54	/	Pass
49				17.64	-1.2	16.44	/	Pass
25			0	17.57	-1.2	16.37	/	Pass
			13	17.7	-1.2	16.5	/	Pass
			25	17.54	-1.2	16.34	/	Pass
50			0	17.49	-1.2	16.29	/	Pass
3625		1	0	17.58	-1.2	16.38	/	Pass
			25	17.68	-1.2	16.48	/	Pass
			49	17.41	-1.2	16.21	/	Pass
		25	0	17.77	-1.2	16.57	/	Pass
			13	17.75	-1.2	16.55	/	Pass
			25	17.78	-1.2	16.58	/	Pass
50		0	17.75	-1.2	16.55	/	Pass	
3695		1	0	18.33	-1.2	17.13	/	Pass
			25	18.57	-1.2	17.37	/	Pass
			49	18.69	-1.2	17.49	/	Pass
		25	0	18.57	-1.2	17.37	/	Pass
			13	18.61	-1.2	17.41	/	Pass
			25	18.75	-1.2	17.55	/	Pass
		50	0	18.56	-1.2	17.36	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B48_10MHz_EIRP/10MHz

1.4.1 Test Result

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	21.32	-1.2	20.12	<=23	Pass
			25	21.2	-1.2	20	<=23	Pass
			49	21.31	-1.2	20.11	<=23	Pass
		25	0	20.18	-1.2	18.98	<=23	Pass
			13	20.33	-1.2	19.13	<=23	Pass
			25	20.27	-1.2	19.07	<=23	Pass
	3625	50	0	20.33	-1.2	19.13	<=23	Pass
		1	0	21.07	-1.2	19.87	<=23	Pass
			25	21.26	-1.2	20.06	<=23	Pass

		25	49	21.1	-1.2	19.9	<=23	Pass
			0	20.27	-1.2	19.07	<=23	Pass
			13	20.22	-1.2	19.02	<=23	Pass
			25	20.27	-1.2	19.07	<=23	Pass
		50	0	20.2	-1.2	19	<=23	Pass
	3695	1	0	20.67	-1.2	19.47	<=23	Pass
			25	21.01	-1.2	19.81	<=23	Pass
			49	21.18	-1.2	19.98	<=23	Pass
		25	0	20.33	-1.2	19.13	<=23	Pass
			13	20.25	-1.2	19.05	<=23	Pass
			25	20.44	-1.2	19.24	<=23	Pass
		50	0	20.15	-1.2	18.95	<=23	Pass
16QAM	3555	1	0	20.45	-1.2	19.25	<=23	Pass
			25	20.68	-1.2	19.48	<=23	Pass
			49	20.41	-1.2	19.21	<=23	Pass
		25	0	19.33	-1.2	18.13	<=23	Pass
			13	19.31	-1.2	18.11	<=23	Pass
			25	19.21	-1.2	18.01	<=23	Pass
		50	0	19.21	-1.2	18.01	<=23	Pass
	3625	1	0	20.23	-1.2	19.03	<=23	Pass
			25	20.37	-1.2	19.17	<=23	Pass
			49	20.16	-1.2	18.96	<=23	Pass
		25	0	19.17	-1.2	17.97	<=23	Pass
			13	19.35	-1.2	18.15	<=23	Pass
			25	19.34	-1.2	18.14	<=23	Pass
		50	0	19.26	-1.2	18.06	<=23	Pass
	3695	1	0	20.24	-1.2	19.04	<=23	Pass
			25	20.63	-1.2	19.43	<=23	Pass
			49	20.5	-1.2	19.3	<=23	Pass
		25	0	19.52	-1.2	18.32	<=23	Pass
			13	19.54	-1.2	18.34	<=23	Pass
			25	19.79	-1.2	18.59	<=23	Pass
		50	0	19.7	-1.2	18.5	<=23	Pass
64QAM	3555	1	0	20.31	-1.2	19.11	<=23	Pass
			25	20.27	-1.2	19.07	<=23	Pass
			49	20.07	-1.2	18.87	<=23	Pass
		25	0	19.21	-1.2	18.01	<=23	Pass
			13	19.4	-1.2	18.2	<=23	Pass
			25	19.31	-1.2	18.11	<=23	Pass
		50	0	19.1	-1.2	17.9	<=23	Pass
	3625	1	0	20.51	-1.2	19.31	<=23	Pass
			25	20.1	-1.2	18.9	<=23	Pass
			49	20.27	-1.2	19.07	<=23	Pass
		25	0	19.23	-1.2	18.03	<=23	Pass
			13	19.22	-1.2	18.02	<=23	Pass
			25	19.22	-1.2	18.02	<=23	Pass
		50	0	19.31	-1.2	18.11	<=23	Pass
	3695	1	0	20.4	-1.2	19.2	<=23	Pass
			25	20.55	-1.2	19.35	<=23	Pass
			49	20.3	-1.2	19.1	<=23	Pass
		25	0	19.75	-1.2	18.55	<=23	Pass
			13	19.76	-1.2	18.56	<=23	Pass
			25	19.83	-1.2	18.63	<=23	Pass
		50	0	19.65	-1.2	18.45	<=23	Pass
256QAM	3555	1	0	16.34	-1.2	15.14	<=23	Pass
			25	16.24	-1.2	15.04	<=23	Pass
			49	16.2	-1.2	15	<=23	Pass

		25	0	16.36	-1.2	15.16	<=23	Pass
			13	16.32	-1.2	15.12	<=23	Pass
			25	16.45	-1.2	15.25	<=23	Pass
		50	0	16.29	-1.2	15.09	<=23	Pass
	3625	1	0	16.3	-1.2	15.1	<=23	Pass
			25	16.14	-1.2	14.94	<=23	Pass
			49	16.04	-1.2	14.84	<=23	Pass
		25	0	16.32	-1.2	15.12	<=23	Pass
			13	16.39	-1.2	15.19	<=23	Pass
			25	16.1	-1.2	14.9	<=23	Pass
		50	0	16.24	-1.2	15.04	<=23	Pass
	3695	1	0	16.97	-1.2	15.77	<=23	Pass
			25	16.99	-1.2	15.79	<=23	Pass
			49	17.45	-1.2	16.25	<=23	Pass
		25	0	17.09	-1.2	15.89	<=23	Pass
			13	17.21	-1.2	16.01	<=23	Pass
			25	17.26	-1.2	16.06	<=23	Pass
		50	0	17.2	-1.2	16	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.5 B48_15MHz_EIRP

1.5.1 Test Result

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	22.44	-1.2	21.24	/	Pass
			38	22.48	-1.2	21.28	/	Pass
			74	22.46	-1.2	21.26	/	Pass
		36	0	21.71	-1.2	20.51	/	Pass
			18	21.75	-1.2	20.55	/	Pass
			39	21.61	-1.2	20.41	/	Pass
		75	0	21.65	-1.2	20.45	/	Pass
	3625	1	0	22.53	-1.2	21.33	/	Pass
			38	22.38	-1.2	21.18	/	Pass
			74	22.33	-1.2	21.13	/	Pass
		36	0	20.9	-1.2	19.7	/	Pass
			18	20.78	-1.2	19.58	/	Pass
			39	20.84	-1.2	19.64	/	Pass
		75	0	20.9	-1.2	19.7	/	Pass
	3692.5	1	0	22.52	-1.2	21.32	/	Pass
			38	22.36	-1.2	21.16	/	Pass
			74	22.47	-1.2	21.27	/	Pass
		36	0	21.65	-1.2	20.45	/	Pass
			18	21.63	-1.2	20.43	/	Pass
			39	21.95	-1.2	20.75	/	Pass
		75	0	21.75	-1.2	20.55	/	Pass
16QAM	3557.5	1	0	21.78	-1.2	20.58	/	Pass
			38	21.6	-1.2	20.4	/	Pass
			74	21.79	-1.2	20.59	/	Pass
		36	0	20.76	-1.2	19.56	/	Pass
			18	20.84	-1.2	19.64	/	Pass
			39	20.7	-1.2	19.5	/	Pass
		75	0	20.73	-1.2	19.53	/	Pass
	3625	1	0	20.78	-1.2	19.58	/	Pass
			38	20.77	-1.2	19.57	/	Pass
			74	20.71	-1.2	19.51	/	Pass
		36	0	20.23	-1.2	19.03	/	Pass
			18	20.2	-1.2	19	/	Pass
			39	20.29	-1.2	19.09	/	Pass
		75	0	20.43	-1.2	19.23	/	Pass
	3692.5	1	0	21.53	-1.2	20.33	/	Pass
			38	21.72	-1.2	20.52	/	Pass
			74	21.75	-1.2	20.55	/	Pass
		36	0	21.07	-1.2	19.87	/	Pass
			18	21.01	-1.2	19.81	/	Pass
			39	21.43	-1.2	20.23	/	Pass
		75	0	21.28	-1.2	20.08	/	Pass
64QAM	3557.5	1	0	21.43	-1.2	20.23	/	Pass
			38	21.54	-1.2	20.34	/	Pass
			74	21.53	-1.2	20.33	/	Pass
		36	0	20.78	-1.2	19.58	/	Pass
			18	20.69	-1.2	19.49	/	Pass

		75	39	20.65	-1.2	19.45	/	Pass
			0	20.6	-1.2	19.4	/	Pass
			0	20.81	-1.2	19.61	/	Pass
	3625	1	38	20.71	-1.2	19.51	/	Pass
			74	20.5	-1.2	19.3	/	Pass
			0	20.37	-1.2	19.17	/	Pass
		36	18	20.24	-1.2	19.04	/	Pass
			39	20.22	-1.2	19.02	/	Pass
			75	0	-1.2	19.22	/	Pass
	3692.5	1	0	21.73	-1.2	20.53	/	Pass
			38	21.62	-1.2	20.42	/	Pass
			74	21.87	-1.2	20.67	/	Pass
		36	0	20.99	-1.2	19.79	/	Pass
			18	21.06	-1.2	19.86	/	Pass
			39	21.42	-1.2	20.22	/	Pass
		75	0	21.06	-1.2	19.86	/	Pass
			0	17.38	-1.2	16.18	/	Pass
			38	17.55	-1.2	16.35	/	Pass
256QAM	3557.5	1	74	17.7	-1.2	16.5	/	Pass
			0	17.72	-1.2	16.52	/	Pass
			18	17.73	-1.2	16.53	/	Pass
		36	39	17.7	-1.2	16.5	/	Pass
			75	0	-1.2	16.37	/	Pass
			0	17.57	-1.2	16.37	/	Pass
	3625	1	0	17.72	-1.2	16.52	/	Pass
			38	17.8	-1.2	16.6	/	Pass
			74	17.71	-1.2	16.51	/	Pass
		36	0	17.77	-1.2	16.57	/	Pass
			18	17.66	-1.2	16.46	/	Pass
			39	17.75	-1.2	16.55	/	Pass
		75	0	17.87	-1.2	16.67	/	Pass
	3692.5	1	0	18.43	-1.2	17.23	/	Pass
			38	18.48	-1.2	17.28	/	Pass
			74	18.83	-1.2	17.63	/	Pass
		36	0	18.52	-1.2	17.32	/	Pass
			18	18.52	-1.2	17.32	/	Pass
			39	18.7	-1.2	17.5	/	Pass
		75	0	18.68	-1.2	17.48	/	Pass
			0	18.68	-1.2	17.48	/	Pass
			0	18.68	-1.2	17.48	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B48_15MHz_EIRP/10MHz

1.6.1 Test Result

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	21.23	-1.2	20.03	<=23	Pass
			38	21.3	-1.2	20.1	<=23	Pass
			74	21.29	-1.2	20.09	<=23	Pass
		36	0	20.2	-1.2	19	<=23	Pass
			18	20.45	-1.2	19.25	<=23	Pass
			39	20.44	-1.2	19.24	<=23	Pass
		75	0	19.08	-1.2	17.88	<=23	Pass
	3625	1	0	21.24	-1.2	20.04	<=23	Pass
			38	20.13	-1.2	18.93	<=23	Pass

		36	74	19.83	-1.2	18.63	<=23	Pass
			0	19.45	-1.2	18.25	<=23	Pass
			18	19.44	-1.2	18.24	<=23	Pass
			39	19.42	-1.2	18.22	<=23	Pass
		75	0	18.22	-1.2	17.02	<=23	Pass
	3692.5	1	0	21.63	-1.2	20.43	<=23	Pass
			38	20.94	-1.2	19.74	<=23	Pass
			74	21.15	-1.2	19.95	<=23	Pass
		36	0	20.32	-1.2	19.12	<=23	Pass
			18	20.16	-1.2	18.96	<=23	Pass
			39	20.46	-1.2	19.26	<=23	Pass
		75	0	19.06	-1.2	17.86	<=23	Pass
	16QAM	3557.5	1	0	20.44	-1.2	19.24	<=23
38				20.44	-1.2	19.24	<=23	Pass
74				20.55	-1.2	19.35	<=23	Pass
36			0	19.26	-1.2	18.06	<=23	Pass
			18	19.46	-1.2	18.26	<=23	Pass
			39	19.54	-1.2	18.34	<=23	Pass
75			0	18.03	-1.2	16.83	<=23	Pass
3625		1	0	19.35	-1.2	18.15	<=23	Pass
			38	19.61	-1.2	18.41	<=23	Pass
			74	19.41	-1.2	18.21	<=23	Pass
		36	0	18.84	-1.2	17.64	<=23	Pass
			18	18.91	-1.2	17.71	<=23	Pass
			39	18.79	-1.2	17.59	<=23	Pass
		75	0	17.65	-1.2	16.45	<=23	Pass
3692.5		1	0	20.48	-1.2	19.28	<=23	Pass
			38	20.1	-1.2	18.9	<=23	Pass
			74	20.53	-1.2	19.33	<=23	Pass
		36	0	19.55	-1.2	18.35	<=23	Pass
			18	19.76	-1.2	18.56	<=23	Pass
			39	19.75	-1.2	18.55	<=23	Pass
		75	0	18.36	-1.2	17.16	<=23	Pass
64QAM	3557.5	1	0	20.27	-1.2	19.07	<=23	Pass
			38	20.34	-1.2	19.14	<=23	Pass
			74	20.42	-1.2	19.22	<=23	Pass
		36	0	19.29	-1.2	18.09	<=23	Pass
			18	19.33	-1.2	18.13	<=23	Pass
			39	19.43	-1.2	18.23	<=23	Pass
		75	0	18	-1.2	16.8	<=23	Pass
	3625	1	0	19.41	-1.2	18.21	<=23	Pass
			38	19.25	-1.2	18.05	<=23	Pass
			74	19.36	-1.2	18.16	<=23	Pass
		36	0	18.87	-1.2	17.67	<=23	Pass
			18	18.86	-1.2	17.66	<=23	Pass
			39	18.9	-1.2	17.7	<=23	Pass
		75	0	17.53	-1.2	16.33	<=23	Pass
	3692.5	1	0	19.7	-1.2	18.5	<=23	Pass
			38	20.42	-1.2	19.22	<=23	Pass
			74	20.31	-1.2	19.11	<=23	Pass
		36	0	19.61	-1.2	18.41	<=23	Pass
			18	19.75	-1.2	18.55	<=23	Pass
			39	20.12	-1.2	18.92	<=23	Pass
		75	0	18.39	-1.2	17.19	<=23	Pass
256QAM	3557.5	1	0	16.66	-1.2	15.46	<=23	Pass
			38	16.37	-1.2	15.17	<=23	Pass
			74	16.56	-1.2	15.36	<=23	Pass

		36	0	16.42	-1.2	15.22	<=23	Pass
			18	16.41	-1.2	15.21	<=23	Pass
			39	16.38	-1.2	15.18	<=23	Pass
		75	0	15.07	-1.2	13.87	<=23	Pass
	3625	1	0	16.29	-1.2	15.09	<=23	Pass
			38	16.22	-1.2	15.02	<=23	Pass
			74	16.35	-1.2	15.15	<=23	Pass
		36	0	16.44	-1.2	15.24	<=23	Pass
			18	16.41	-1.2	15.21	<=23	Pass
			39	16.34	-1.2	15.14	<=23	Pass
		75	0	15.13	-1.2	13.93	<=23	Pass
	3692.5	1	0	16.81	-1.2	15.61	<=23	Pass
			38	17.09	-1.2	15.89	<=23	Pass
			74	17.43	-1.2	16.23	<=23	Pass
		36	0	17.19	-1.2	15.99	<=23	Pass
			18	17.29	-1.2	16.09	<=23	Pass
			39	17.36	-1.2	16.16	<=23	Pass
		75	0	15.87	-1.2	14.67	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.7 B48_20MHz_EIRP

1.7.1 Test Result

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	22.1	-1.2	20.9	/	Pass
			50	22.16	-1.2	20.96	/	Pass
			99	21.94	-1.2	20.74	/	Pass
		50	0	21.03	-1.2	19.83	/	Pass
			25	20.99	-1.2	19.79	/	Pass
			50	20.79	-1.2	19.59	/	Pass
		100	0	21.1	-1.2	19.9	/	Pass
	3625	1	0	22.24	-1.2	21.04	/	Pass
			50	22.24	-1.2	21.04	/	Pass
			99	22.32	-1.2	21.12	/	Pass
		50	0	21.22	-1.2	20.02	/	Pass
			25	21.29	-1.2	20.09	/	Pass
			50	21.28	-1.2	20.08	/	Pass
		100	0	21.3	-1.2	20.1	/	Pass
	3690	1	0	22.44	-1.2	21.24	/	Pass
			50	22.54	-1.2	21.34	/	Pass
			99	22.45	-1.2	21.25	/	Pass
		50	0	21.61	-1.2	20.41	/	Pass
			25	21.61	-1.2	20.41	/	Pass
			50	21.75	-1.2	20.55	/	Pass
		100	0	21.74	-1.2	20.54	/	Pass
16QAM	3560	1	0	21.25	-1.2	20.05	/	Pass
			50	21.29	-1.2	20.09	/	Pass
			99	21.24	-1.2	20.04	/	Pass
		50	0	20.14	-1.2	18.94	/	Pass
			25	20.19	-1.2	18.99	/	Pass
			50	19.98	-1.2	18.78	/	Pass
		100	0	20.06	-1.2	18.86	/	Pass
	3625	1	0	21.44	-1.2	20.24	/	Pass
			50	21.54	-1.2	20.34	/	Pass
			99	21.52	-1.2	20.32	/	Pass
		50	0	20.13	-1.2	18.93	/	Pass
			25	20.27	-1.2	19.07	/	Pass
			50	20.34	-1.2	19.14	/	Pass
		100	0	20.31	-1.2	19.11	/	Pass
	3690	1	0	21.83	-1.2	20.63	/	Pass
			50	21.84	-1.2	20.64	/	Pass
			99	21.87	-1.2	20.67	/	Pass
		50	0	20.51	-1.2	19.31	/	Pass
			25	20.37	-1.2	19.17	/	Pass
			50	20.55	-1.2	19.35	/	Pass
		100	0	20.72	-1.2	19.52	/	Pass
64QAM	3560	1	0	20.39	-1.2	19.19	/	Pass
			50	20.56	-1.2	19.36	/	Pass
			99	19.93	-1.2	18.73	/	Pass
		50	0	19.16	-1.2	17.96	/	Pass
			25	19.21	-1.2	18.01	/	Pass

			50	19.06	-1.2	17.86	/	Pass		
		100	0	19.04	-1.2	17.84	/	Pass		
		3625	1	0	20.32	-1.2	19.12	/	Pass	
	50			20.39	-1.2	19.19	/	Pass		
	99			20.51	-1.2	19.31	/	Pass		
	0			19.3	-1.2	18.1	/	Pass		
	50		25	19.13	-1.2	17.93	/	Pass		
			50	19.38	-1.2	18.18	/	Pass		
			100	0	19.32	-1.2	18.12	/	Pass	
	3690		1	0	21.62	-1.2	20.42	/	Pass	
				50	21.96	-1.2	20.76	/	Pass	
		99		21.72	-1.2	20.52	/	Pass		
		0		20.48	-1.2	19.28	/	Pass		
		50	25	20.62	-1.2	19.42	/	Pass		
			50	20.45	-1.2	19.25	/	Pass		
			100	0	20.47	-1.2	19.27	/	Pass	
		256QAM	3560	1	0	17.15	-1.2	15.95	/	Pass
					50	17.1	-1.2	15.9	/	Pass
	99				16.94	-1.2	15.74	/	Pass	
	0				17.2	-1.2	16	/	Pass	
	50			25	17.25	-1.2	16.05	/	Pass	
50				16.97	-1.2	15.77	/	Pass		
100				0	17.31	-1.2	16.11	/	Pass	
3625	1			0	17.25	-1.2	16.05	/	Pass	
				50	17.23	-1.2	16.03	/	Pass	
			99	17.41	-1.2	16.21	/	Pass		
			0	17.26	-1.2	16.06	/	Pass		
	50		25	17.32	-1.2	16.12	/	Pass		
			50	17.33	-1.2	16.13	/	Pass		
			100	0	17.31	-1.2	16.11	/	Pass	
	3690		1	0	17.76	-1.2	16.56	/	Pass	
				50	17.73	-1.2	16.53	/	Pass	
99				17.9	-1.2	16.7	/	Pass		
0				17.51	-1.2	16.31	/	Pass		
50			25	17.93	-1.2	16.73	/	Pass		
			50	17.92	-1.2	16.72	/	Pass		
			100	0	17.66	-1.2	16.46	/	Pass	
Note1: EIRP=Conducted Power+Antenna Gain										

1.8 B48_20MHz_EIRP/10MHz

1.8.1 Test Result

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	20.34	-1.2	19.14	<=23	Pass
			50	19.69	-1.2	18.49	<=23	Pass
			99	19.53	-1.2	18.33	<=23	Pass
		50	0	19.25	-1.2	18.05	<=23	Pass
			25	19.24	-1.2	18.04	<=23	Pass
			50	18.62	-1.2	17.42	<=23	Pass
		100	0	16.65	-1.2	15.45	<=23	Pass
	3625	1	0	20.43	-1.2	19.23	<=23	Pass
			50	20.59	-1.2	19.39	<=23	Pass

		50	99	20.69	-1.2	19.49	<=23	Pass
			0	19.17	-1.2	17.97	<=23	Pass
			25	19.44	-1.2	18.24	<=23	Pass
			50	19.6	-1.2	18.4	<=23	Pass
		100	0	16.97	-1.2	15.77	<=23	Pass
	3690	1	0	21.24	-1.2	20.04	<=23	Pass
			50	21.17	-1.2	19.97	<=23	Pass
			99	21.08	-1.2	19.88	<=23	Pass
		50	0	19.8	-1.2	18.6	<=23	Pass
			25	20.06	-1.2	18.86	<=23	Pass
			50	19.74	-1.2	18.54	<=23	Pass
		100	0	18.6	-1.2	17.4	<=23	Pass
16QAM	3560	1	0	19.25	-1.2	18.05	<=23	Pass
			50	19.4	-1.2	18.2	<=23	Pass
			99	18.52	-1.2	17.32	<=23	Pass
		50	0	17.94	-1.2	16.74	<=23	Pass
			25	18.04	-1.2	16.84	<=23	Pass
			50	17.81	-1.2	16.61	<=23	Pass
		100	0	15.12	-1.2	13.92	<=23	Pass
	3625	1	0	19	-1.2	17.8	<=23	Pass
			50	19.79	-1.2	18.59	<=23	Pass
			99	19.75	-1.2	18.55	<=23	Pass
		50	0	18.42	-1.2	17.22	<=23	Pass
			25	18.44	-1.2	17.24	<=23	Pass
			50	18.67	-1.2	17.47	<=23	Pass
		100	0	16.03	-1.2	14.83	<=23	Pass
	3690	1	0	19.92	-1.2	18.72	<=23	Pass
			50	20.55	-1.2	19.35	<=23	Pass
			99	20.24	-1.2	19.04	<=23	Pass
		50	0	19.07	-1.2	17.87	<=23	Pass
			25	19.41	-1.2	18.21	<=23	Pass
			50	19.01	-1.2	17.81	<=23	Pass
		100	0	16.29	-1.2	15.09	<=23	Pass
64QAM	3560	1	0	18.36	-1.2	17.16	<=23	Pass
			50	17.93	-1.2	16.73	<=23	Pass
			99	17.48	-1.2	16.28	<=23	Pass
		50	0	17.04	-1.2	15.84	<=23	Pass
			25	16.87	-1.2	15.67	<=23	Pass
			50	16.65	-1.2	15.45	<=23	Pass
		100	0	14.49	-1.2	13.29	<=23	Pass
	3625	1	0	18.31	-1.2	17.11	<=23	Pass
			50	18.77	-1.2	17.57	<=23	Pass
			99	18.87	-1.2	17.67	<=23	Pass
		50	0	17.48	-1.2	16.28	<=23	Pass
			25	17.51	-1.2	16.31	<=23	Pass
			50	17.65	-1.2	16.45	<=23	Pass
		100	0	15.21	-1.2	14.01	<=23	Pass
	3690	1	0	20.05	-1.2	18.85	<=23	Pass
			50	20.51	-1.2	19.31	<=23	Pass
			99	20.14	-1.2	18.94	<=23	Pass
		50	0	19.04	-1.2	17.84	<=23	Pass
			25	19.15	-1.2	17.95	<=23	Pass
			50	19.1	-1.2	17.9	<=23	Pass
		100	0	16.56	-1.2	15.36	<=23	Pass
256QAM	3560	1	0	15.27	-1.2	14.07	<=23	Pass
			50	15.07	-1.2	13.87	<=23	Pass
			99	14.36	-1.2	13.16	<=23	Pass

		50	0	15.11	-1.2	13.91	<=23	Pass
			25	14.81	-1.2	13.61	<=23	Pass
			50	14.57	-1.2	13.37	<=23	Pass
		100	0	12.23	-1.2	11.03	<=23	Pass
	3625	1	0	15.12	-1.2	13.92	<=23	Pass
			50	15.51	-1.2	14.31	<=23	Pass
			99	16.04	-1.2	14.84	<=23	Pass
		50	0	15.36	-1.2	14.16	<=23	Pass
			25	15.63	-1.2	14.43	<=23	Pass
			50	15.71	-1.2	14.51	<=23	Pass
		100	0	13.06	-1.2	11.86	<=23	Pass
	3690	1	0	16.12	-1.2	14.92	<=23	Pass
			50	16.22	-1.2	15.02	<=23	Pass
			99	15.99	-1.2	14.79	<=23	Pass
		50	0	16.04	-1.2	14.84	<=23	Pass
			25	16.09	-1.2	14.89	<=23	Pass
			50	16.88	-1.2	15.68	<=23	Pass
		100	0	14.42	-1.2	13.22	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B48_20MHz

2.1.1 Test Result

Band: 48 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3560	100	0	20	3.65	-2.615	-0.0007	-2.5 to 2.5	Pass
					3.87	0.300	0.0001	-2.5 to 2.5	Pass
					4.45	-5.985	-0.0017	-2.5 to 2.5	Pass
				-30	3.87	-4.895	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-3.637	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-0.649	-0.0002	-2.5 to 2.5	Pass
				0	3.87	-3.921	-0.0011	-2.5 to 2.5	Pass
				10	3.87	-0.006	0.0000	-2.5 to 2.5	Pass
				30	3.87	-3.748	-0.0011	-2.5 to 2.5	Pass
				40	3.87	-1.186	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-3.720	-0.0010	-2.5 to 2.5	Pass
	3625	100	0	20	3.65	-4.128	-0.0011	-2.5 to 2.5	Pass
					3.87	-0.048	0.0000	-2.5 to 2.5	Pass
					4.45	-5.306	-0.0015	-2.5 to 2.5	Pass
				-30	3.87	-4.395	-0.0012	-2.5 to 2.5	Pass
				-20	3.87	-0.180	0.0000	-2.5 to 2.5	Pass
				-10	3.87	-2.622	-0.0007	-2.5 to 2.5	Pass
				0	3.87	-3.758	-0.0010	-2.5 to 2.5	Pass
				10	3.87	-5.126	-0.0014	-2.5 to 2.5	Pass
				30	3.87	1.513	0.0004	-2.5 to 2.5	Pass
				40	3.87	-5.887	-0.0016	-2.5 to 2.5	Pass
				50	3.87	-0.518	-0.0001	-2.5 to 2.5	Pass
	3690	100	0	20	3.65	-1.516	-0.0004	-2.5 to 2.5	Pass
					3.87	-0.269	-0.0001	-2.5 to 2.5	Pass
					4.45	0.595	0.0002	-2.5 to 2.5	Pass
				-30	3.87	-0.254	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-0.350	-0.0001	-2.5 to 2.5	Pass
				-10	3.87	0.561	0.0002	-2.5 to 2.5	Pass
				0	3.87	-3.371	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-0.870	-0.0002	-2.5 to 2.5	Pass
				30	3.87	-4.483	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-3.009	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.182	0.0000	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

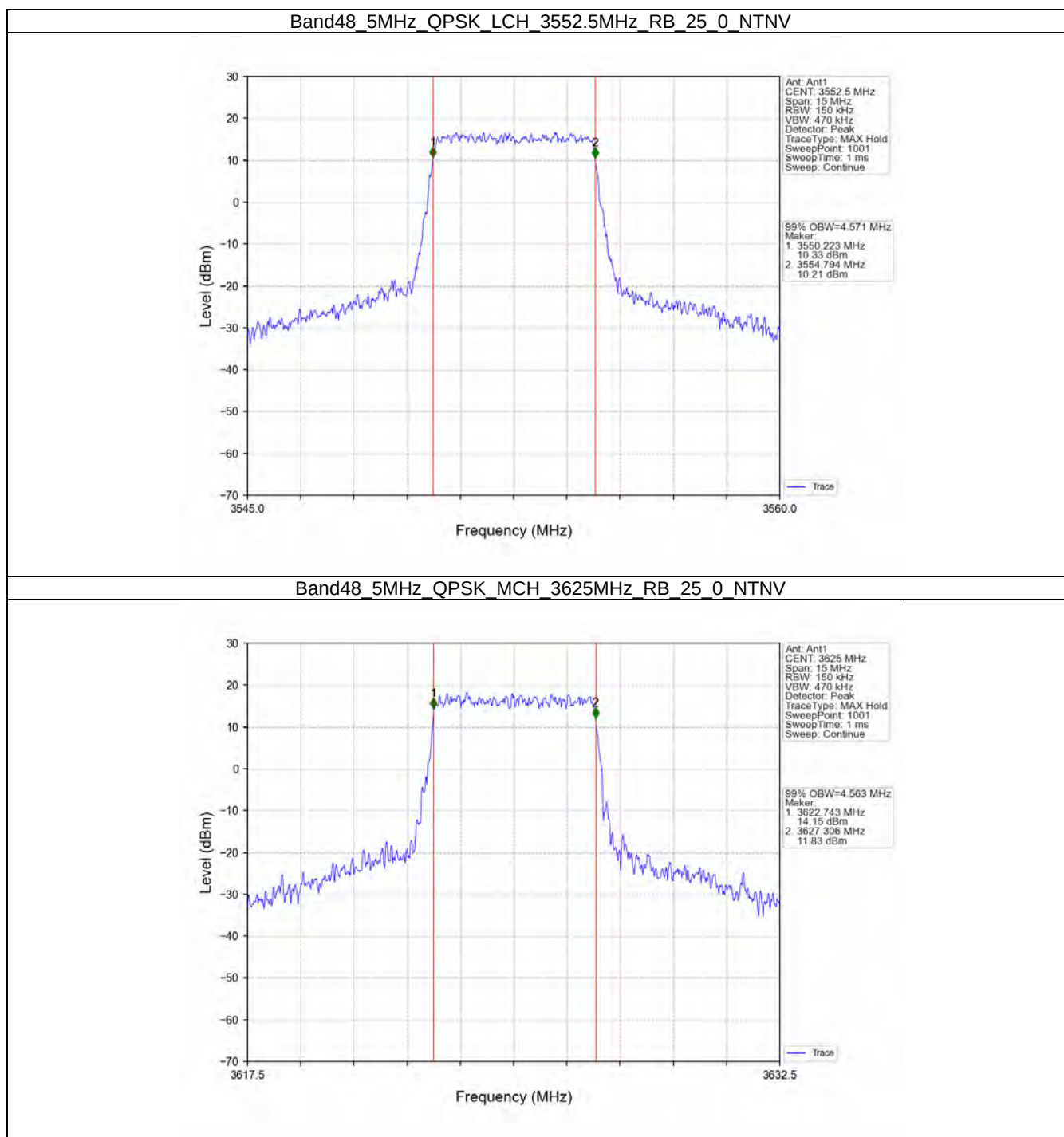
3.1 Band48_OBW

3.1.1 Test Result

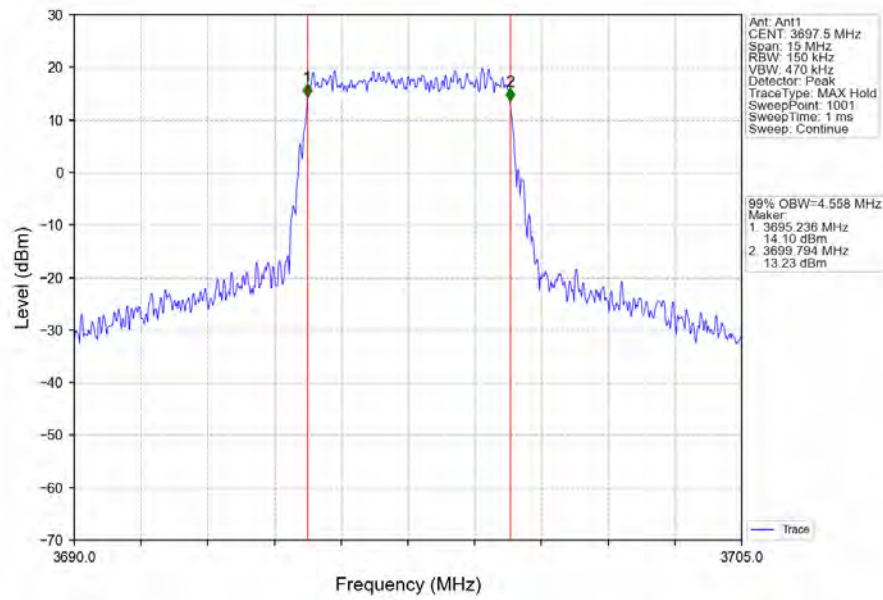
Band: 48 / NTNV

Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	4.571	/	Pass
		3625	25	0	4.563	/	Pass
		3697.5	25	0	4.558	/	Pass
	16QAM	3552.5	25	0	4.571	/	Pass
		3625	25	0	4.576	/	Pass
		3697.5	25	0	4.547	/	Pass
	64QAM	3552.5	25	0	4.561	/	Pass
		3625	25	0	4.563	/	Pass
		3697.5	25	0	4.552	/	Pass
	256QAM	3552.5	25	0	4.591	/	Pass
		3625	25	0	4.554	/	Pass
		3697.5	25	0	4.563	/	Pass
10	QPSK	3555	50	0	9.094	/	Pass
		3625	50	0	9.049	/	Pass
		3695	50	0	9.103	/	Pass
	16QAM	3555	50	0	9.084	/	Pass
		3625	50	0	9.097	/	Pass
		3695	50	0	9.079	/	Pass
	64QAM	3555	50	0	9.088	/	Pass
		3625	50	0	9.045	/	Pass
		3695	50	0	9.035	/	Pass
	256QAM	3555	50	0	9.039	/	Pass
		3625	50	0	9.036	/	Pass
		3695	50	0	9.078	/	Pass
15	QPSK	3557.5	75	0	13.602	/	Pass
		3625	75	0	13.570	/	Pass
		3692.5	75	0	13.518	/	Pass
	16QAM	3557.5	75	0	13.599	/	Pass
		3625	75	0	13.614	/	Pass
		3692.5	75	0	13.555	/	Pass
	64QAM	3557.5	75	0	13.671	/	Pass
		3625	75	0	13.555	/	Pass
		3692.5	75	0	13.517	/	Pass
	256QAM	3557.5	75	0	13.591	/	Pass
		3625	75	0	13.568	/	Pass
		3692.5	75	0	13.554	/	Pass
20	QPSK	3560	100	0	18.151	/	Pass
		3625	100	0	18.017	/	Pass
		3690	100	0	18.072	/	Pass
	16QAM	3560	100	0	18.086	/	Pass
		3625	100	0	18.057	/	Pass
		3690	100	0	18.096	/	Pass
	64QAM	3560	100	0	18.123	/	Pass
		3625	100	0	18.099	/	Pass
		3690	100	0	18.066	/	Pass
	256QAM	3560	100	0	18.106	/	Pass
		3625	100	0	18.060	/	Pass
		3690	100	0	18.043	/	Pass

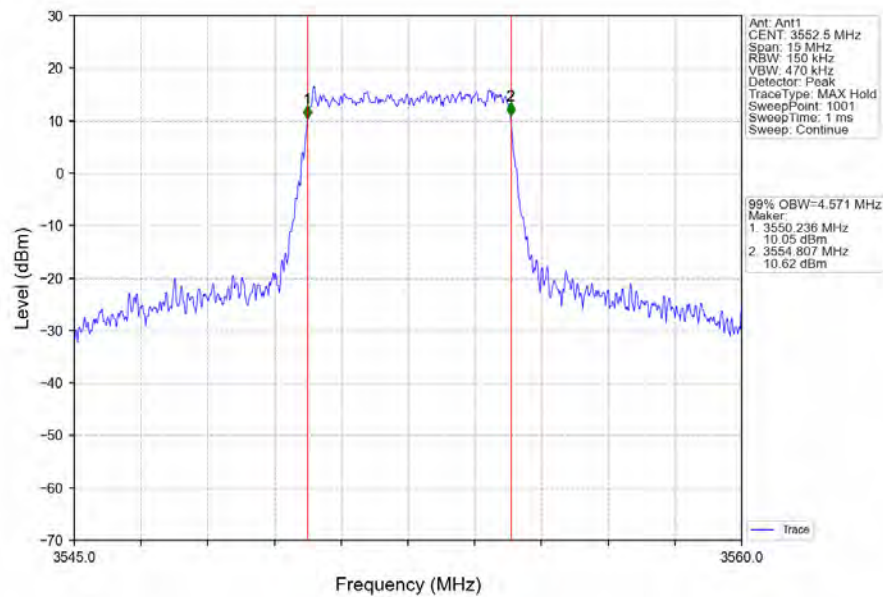
3.1.2 Test Graph



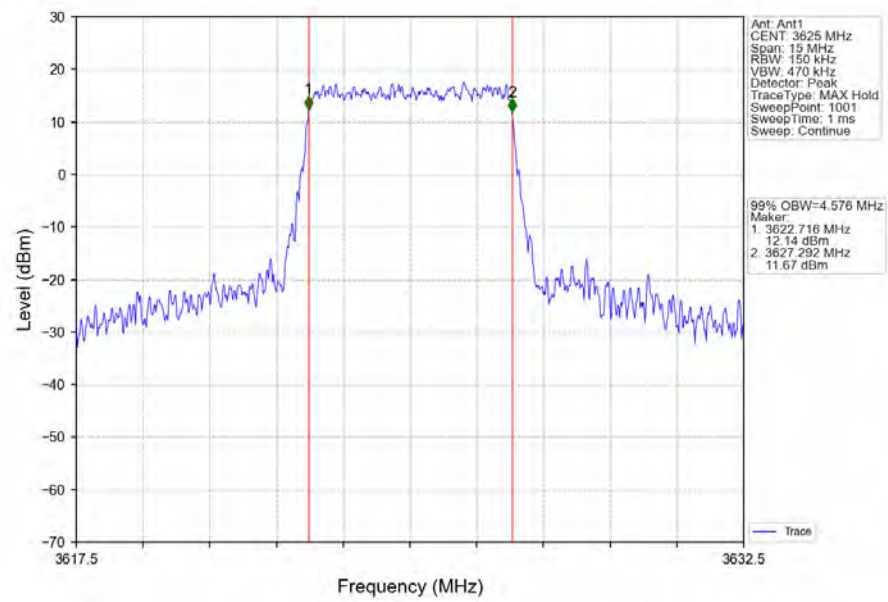
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



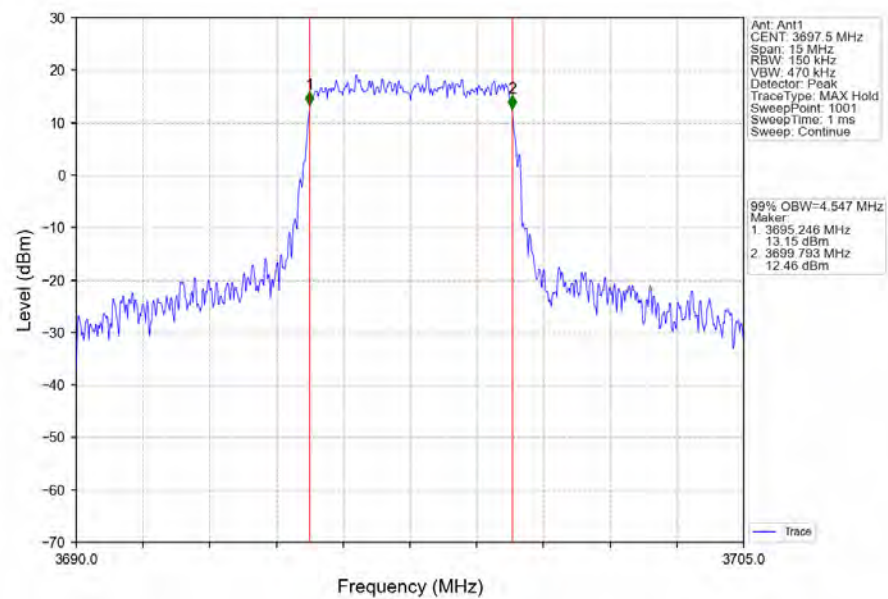
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



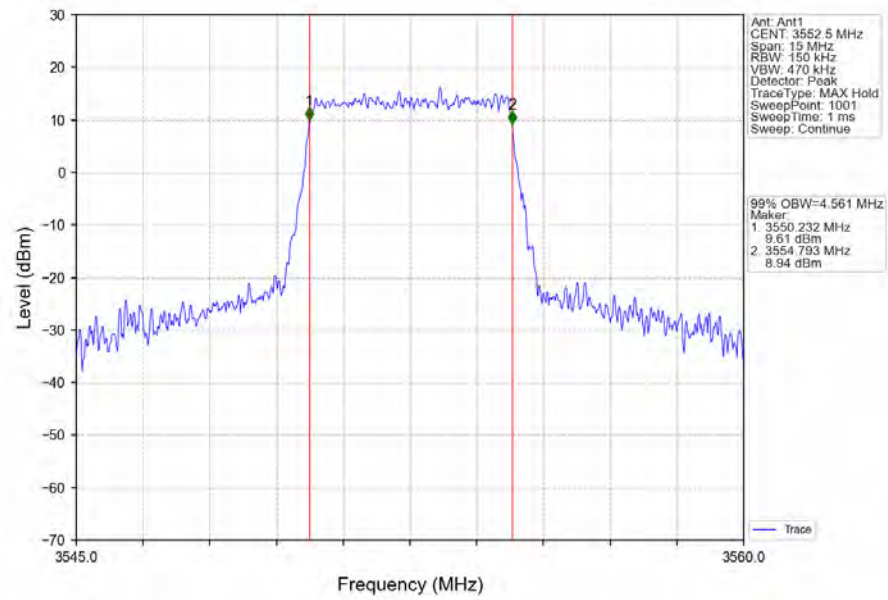
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



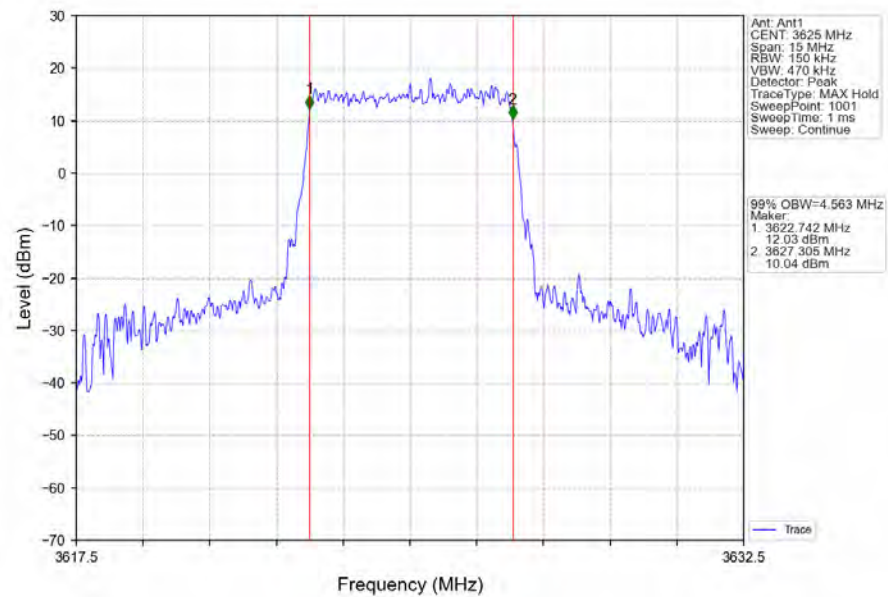
Band48 5MHz 16QAM HCH 3697.5MHz RB 25 0 NTNV



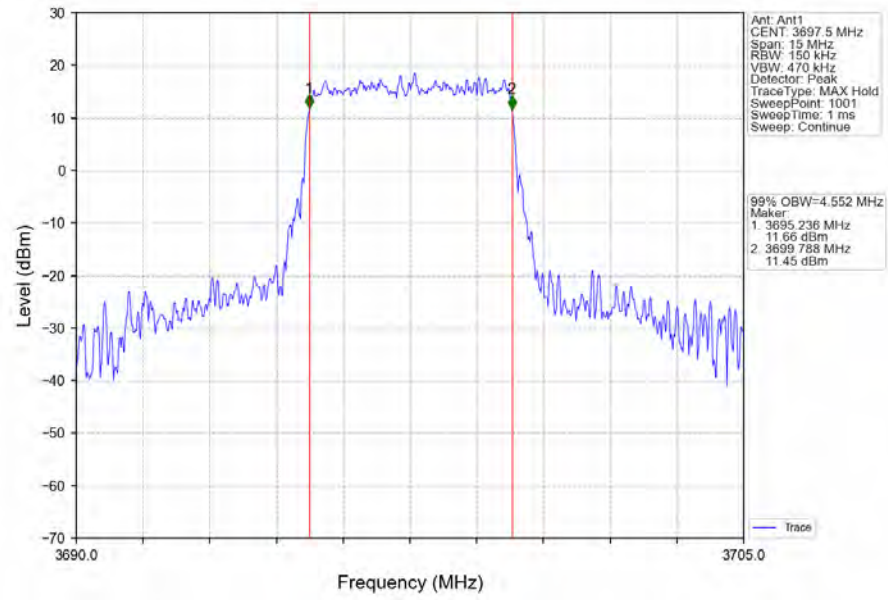
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_25_0_NTNV



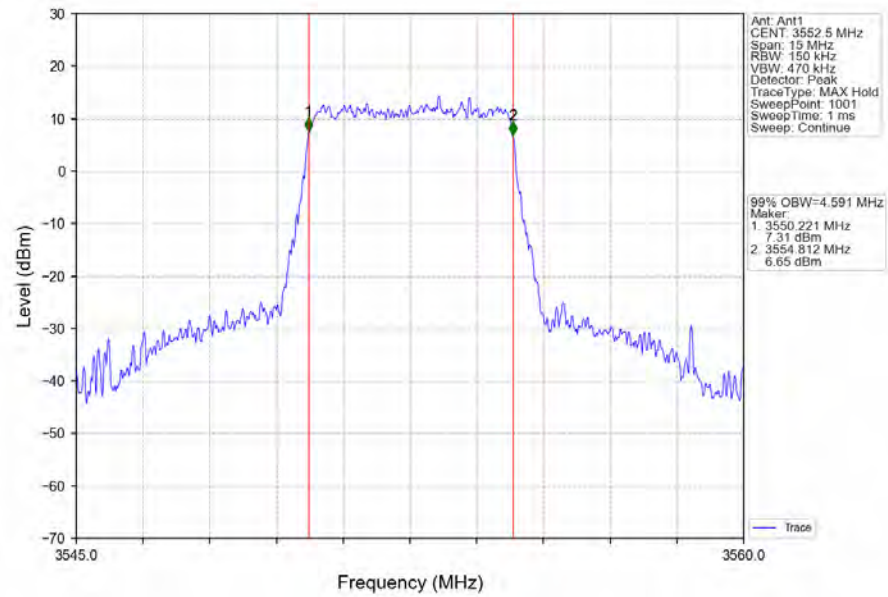
Band48_5MHz_64QAM_MCH_3625MHz_RB_25_0_NTNV



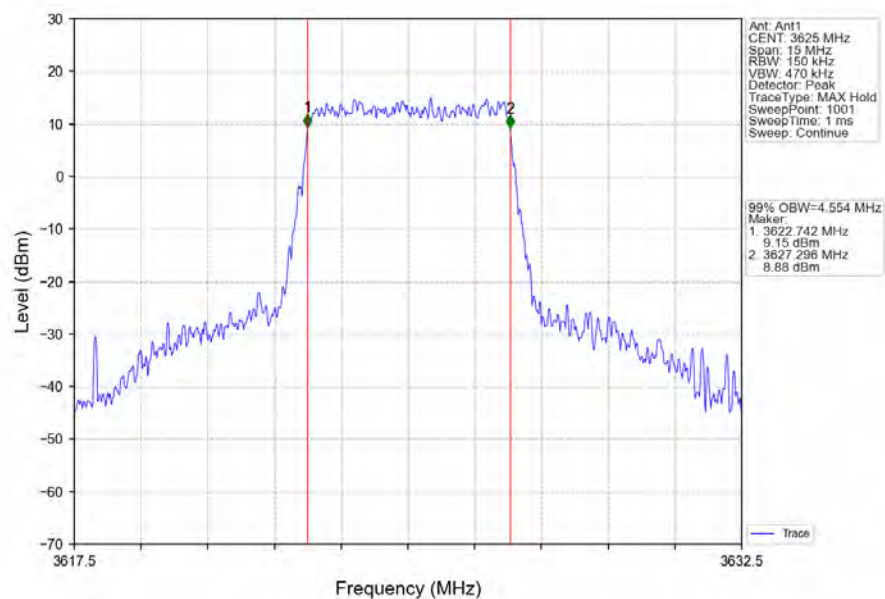
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



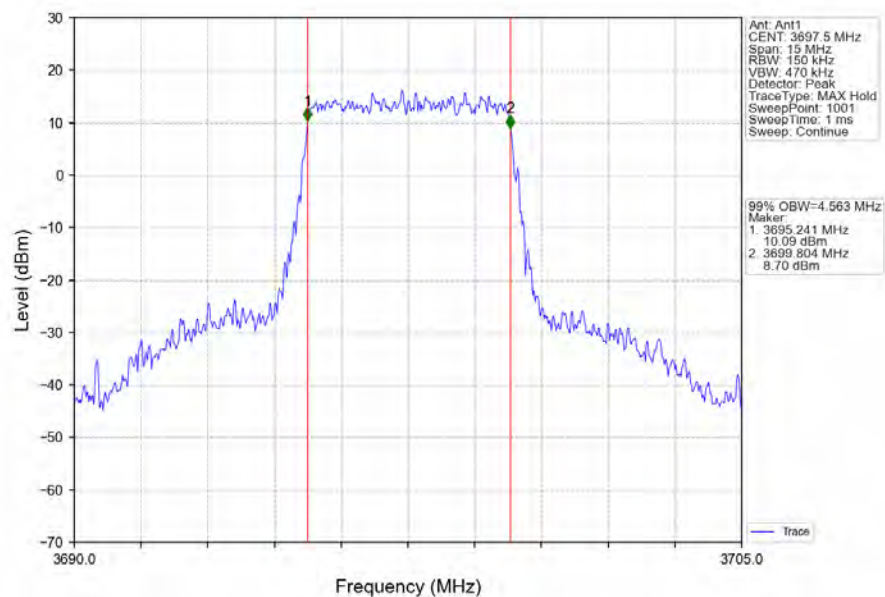
Band48_5MHz_256QAM_LCH_3552.5MHz_RB_25_0_NTNV



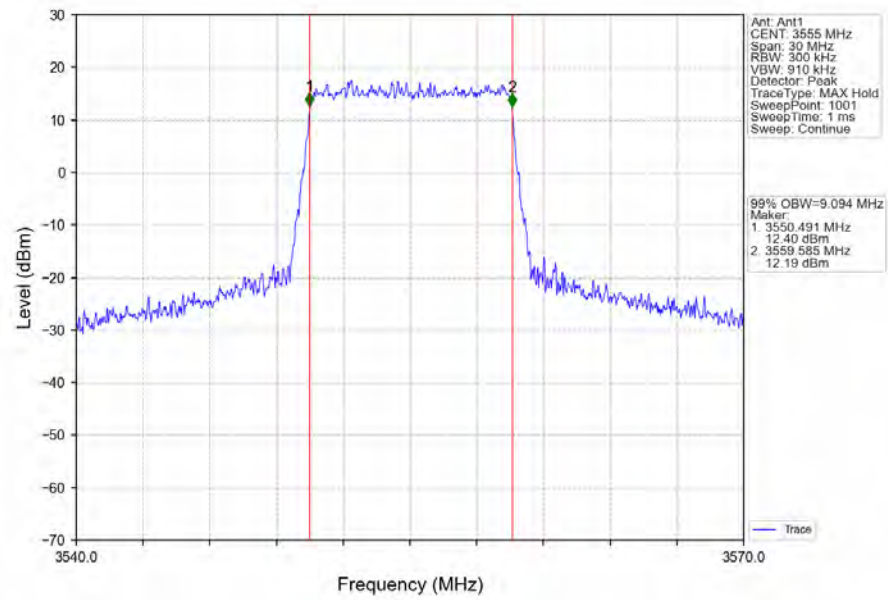
Band48_5MHz_256QAM_MCH_3625MHz_RB_25_0_NTNV



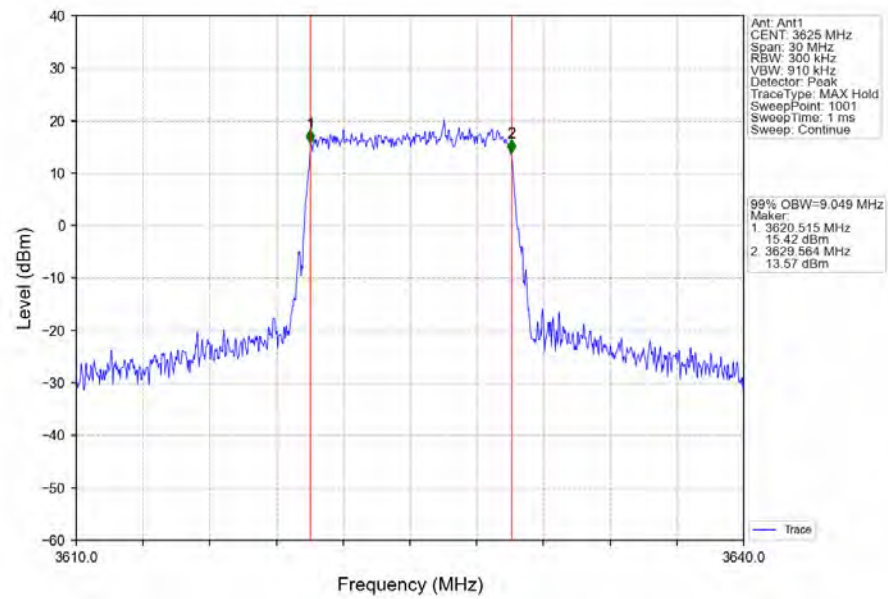
Band48_5MHz_256QAM_HCH_3697.5MHz_RB_25_0_NTNV



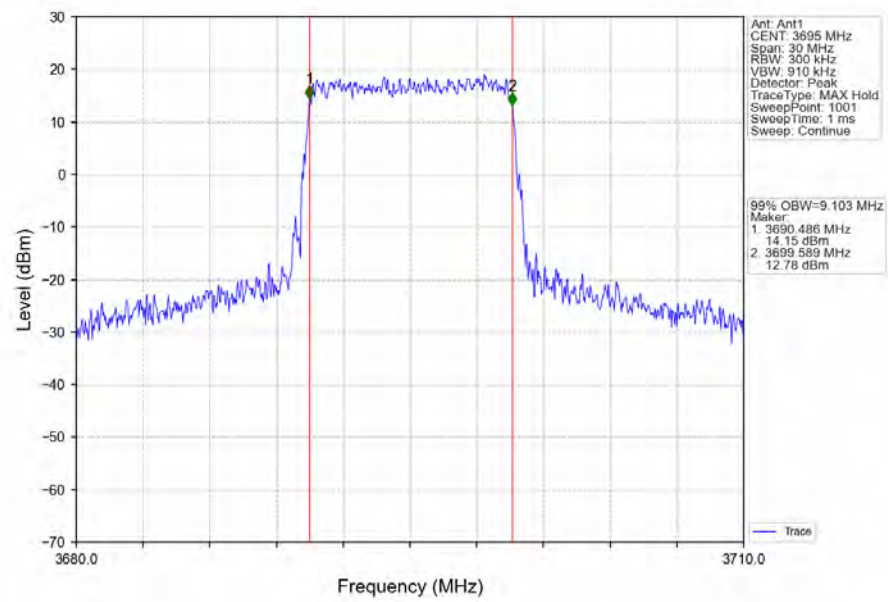
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



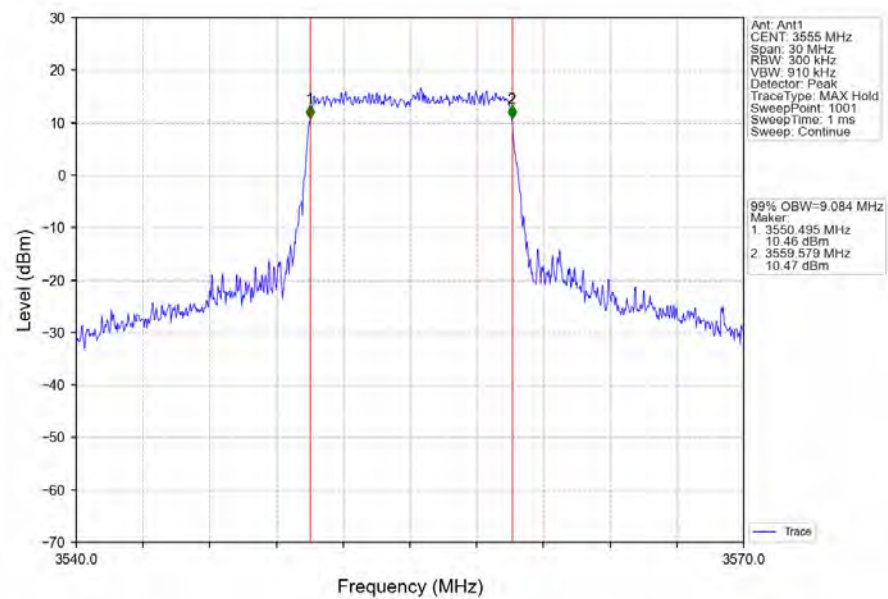
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



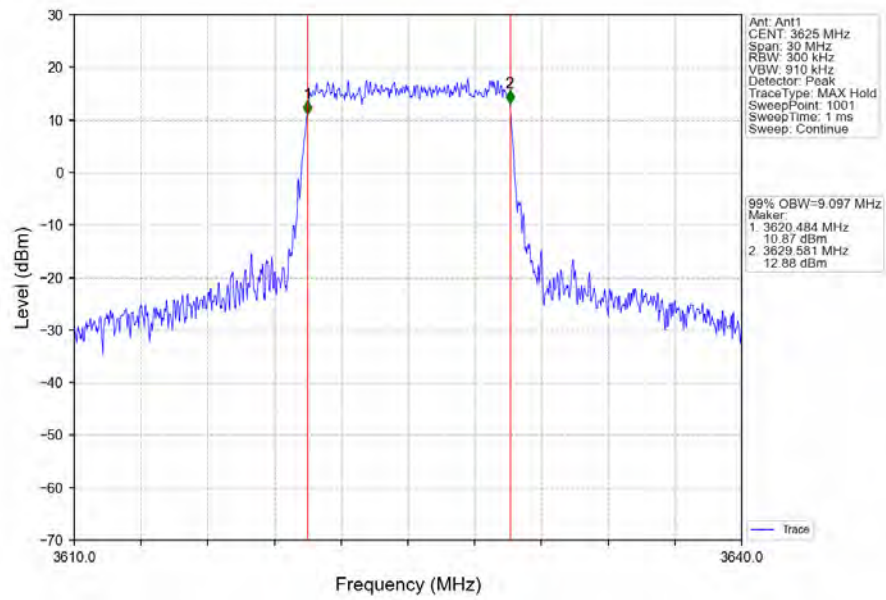
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



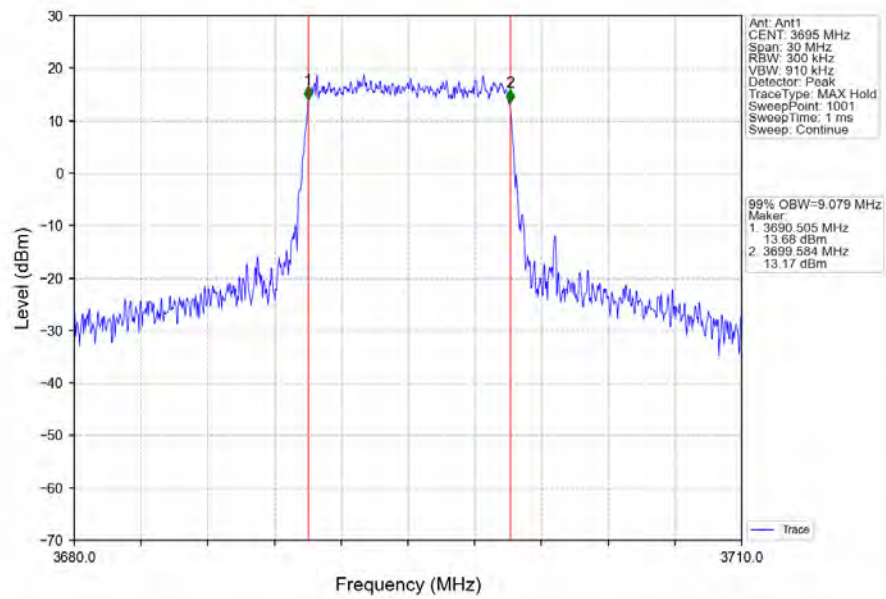
Band48_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



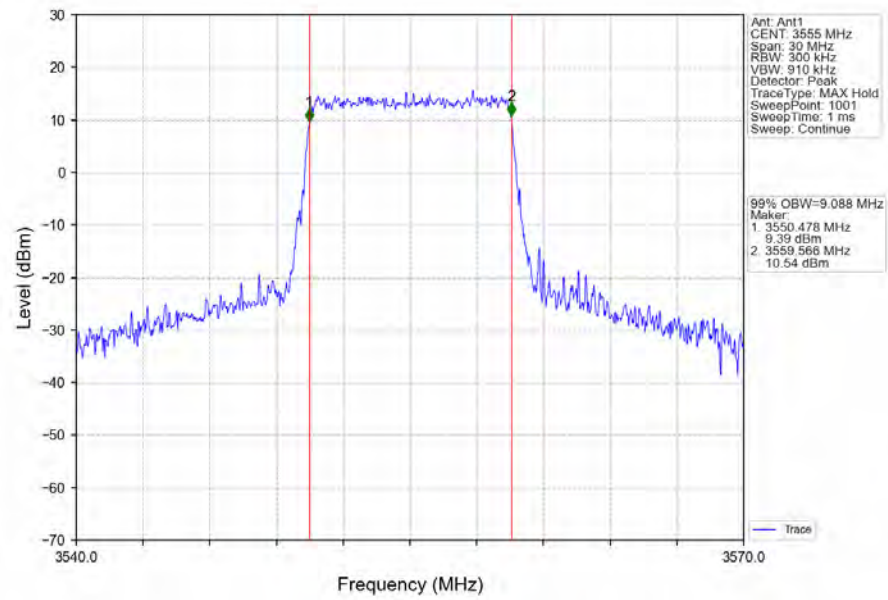
Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



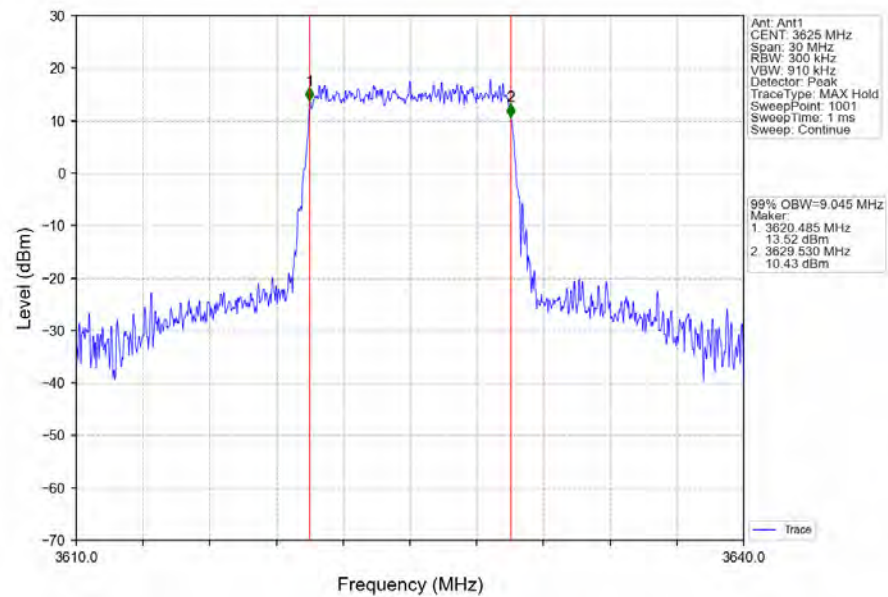
Band48_10MHz_16QAM_HCH_3695MHz_RB_50_0_NTNV



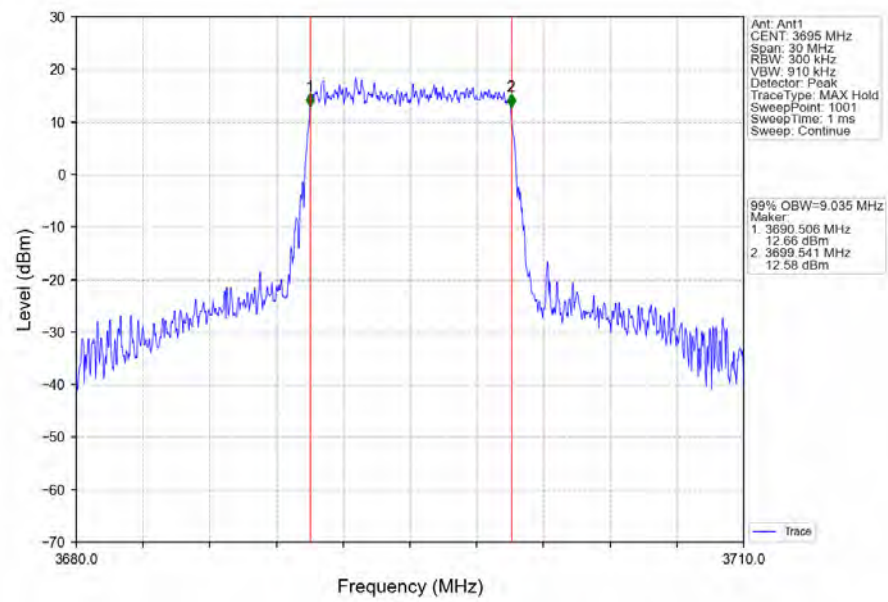
Band48 10MHz 64QAM LCH 3555MHz RB 50 0 NTN



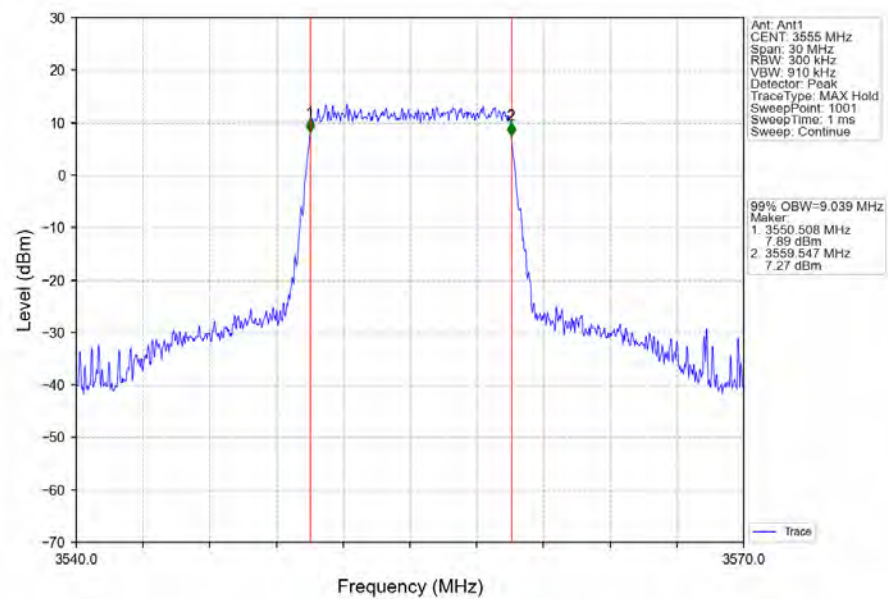
Band48 10MHz 64QAM MCH 3625MHz RB 50 0 NTN



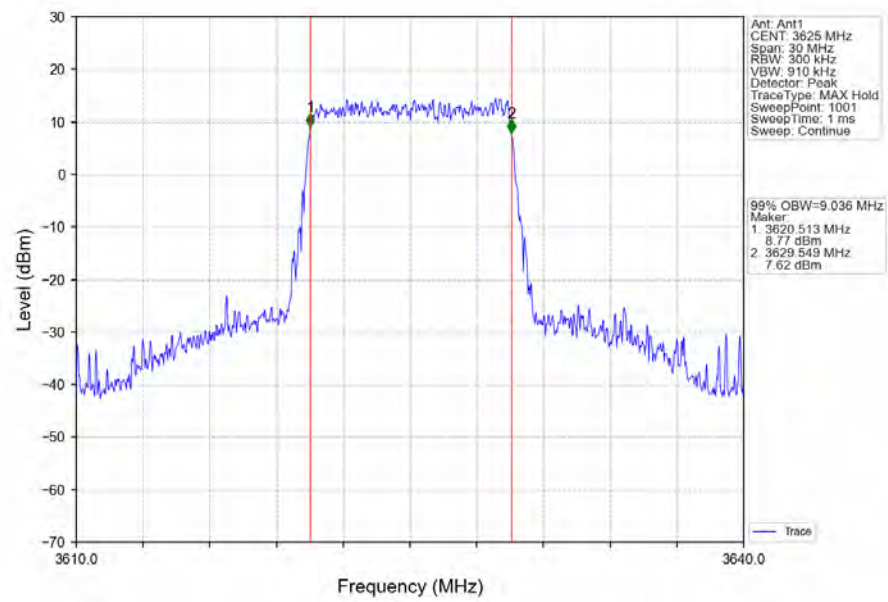
Band48 10MHz 64QAM HCH 3695MHz RB 50 0 NTN



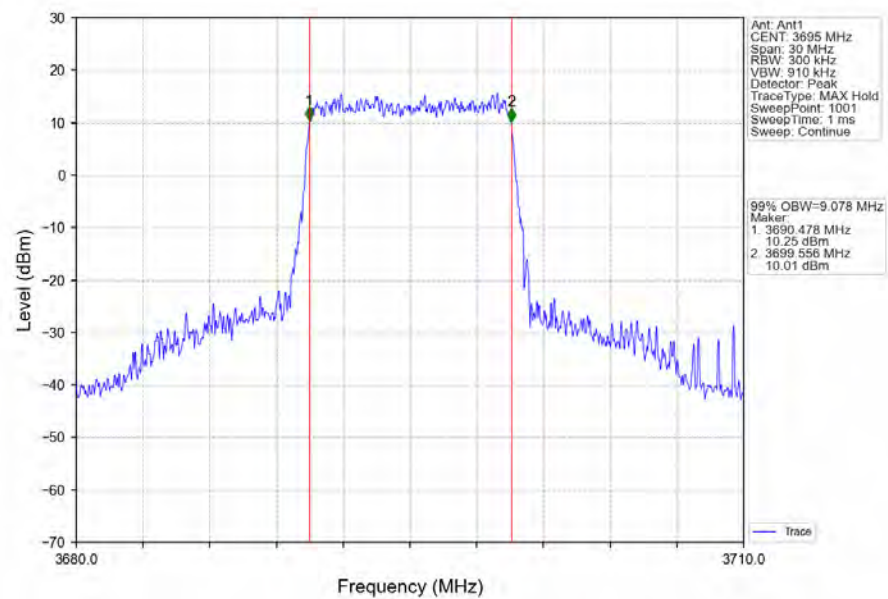
Band48_10MHz_256QAM_LCH_3555MHz_RB_50_0_NTN



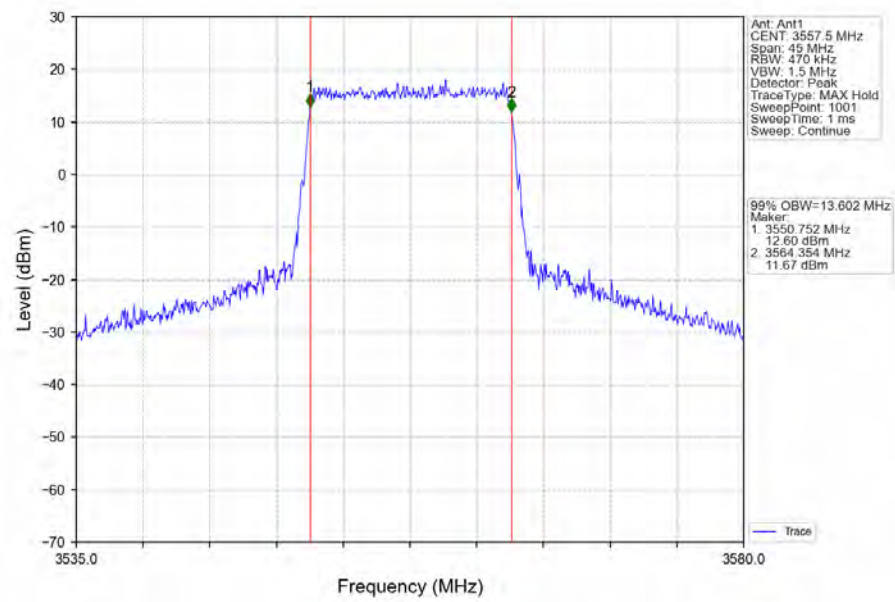
Band48_10MHz_256QAM_MCH_3625MHz_RB_50_0_NTNV



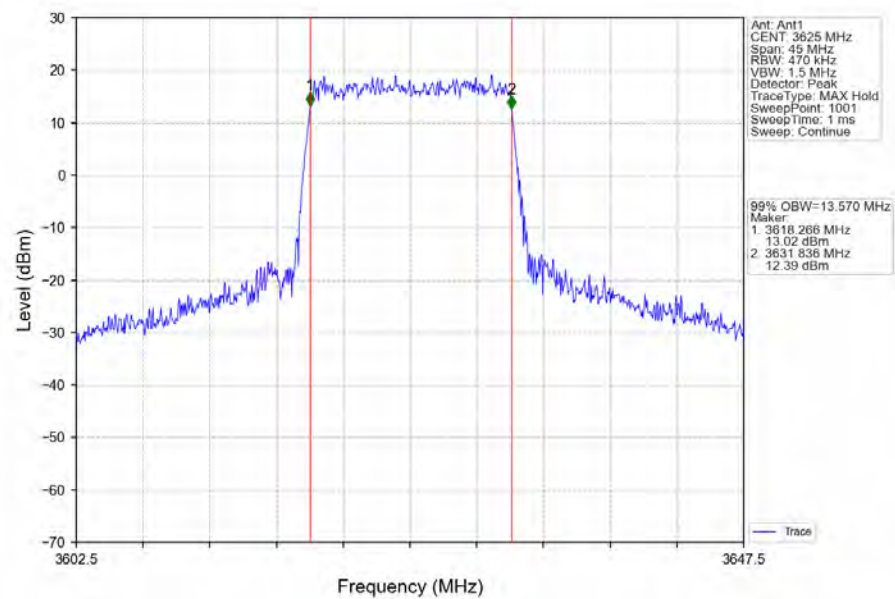
Band48_10MHz_256QAM_HCH_3695MHz_RB_50_0_NTNV



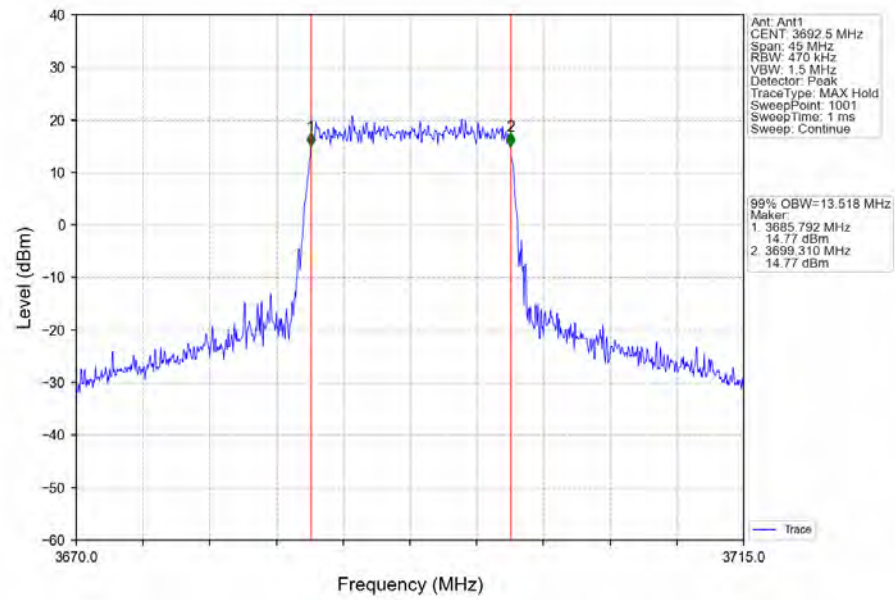
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



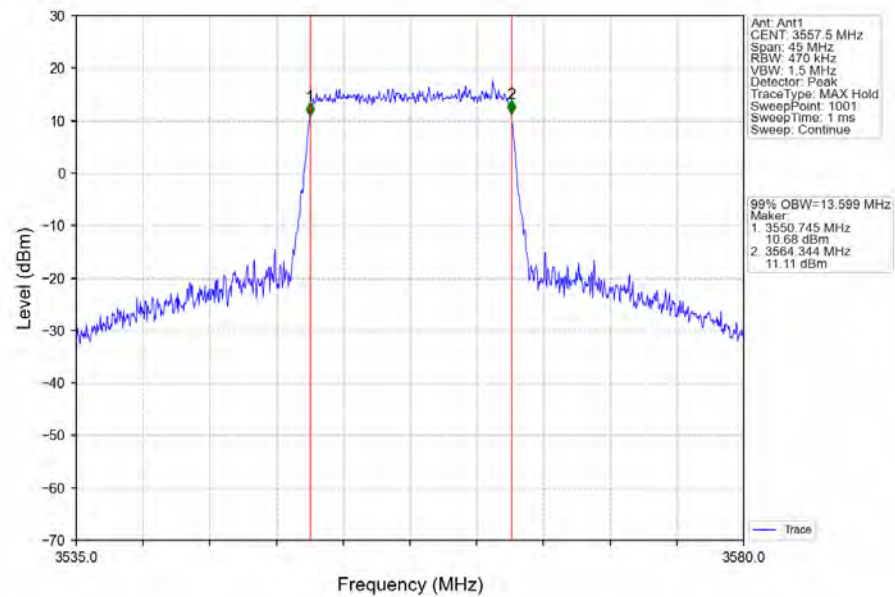
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



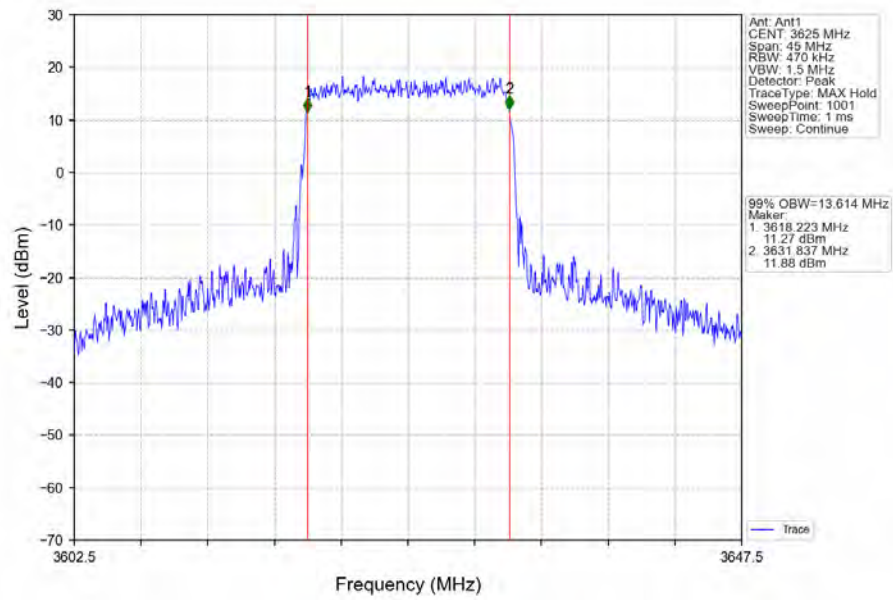
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



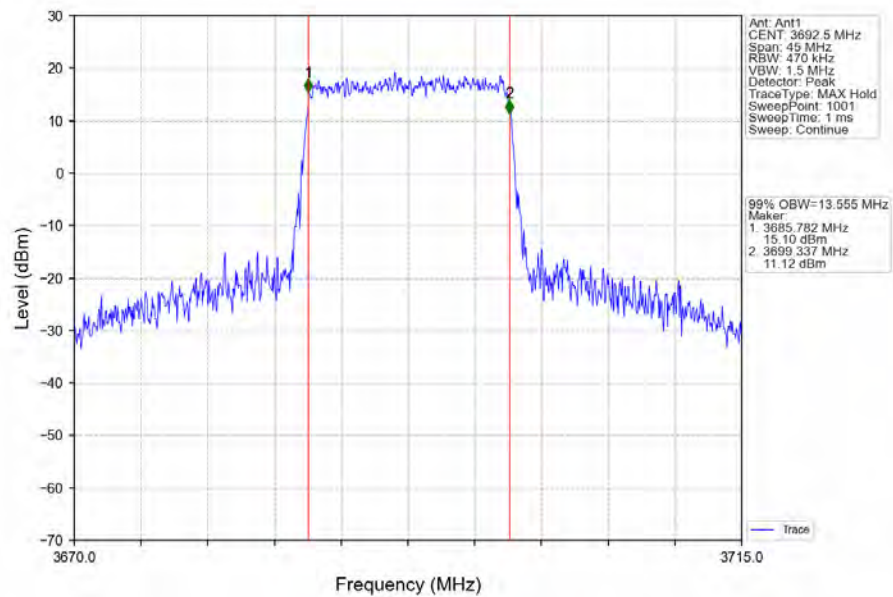
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



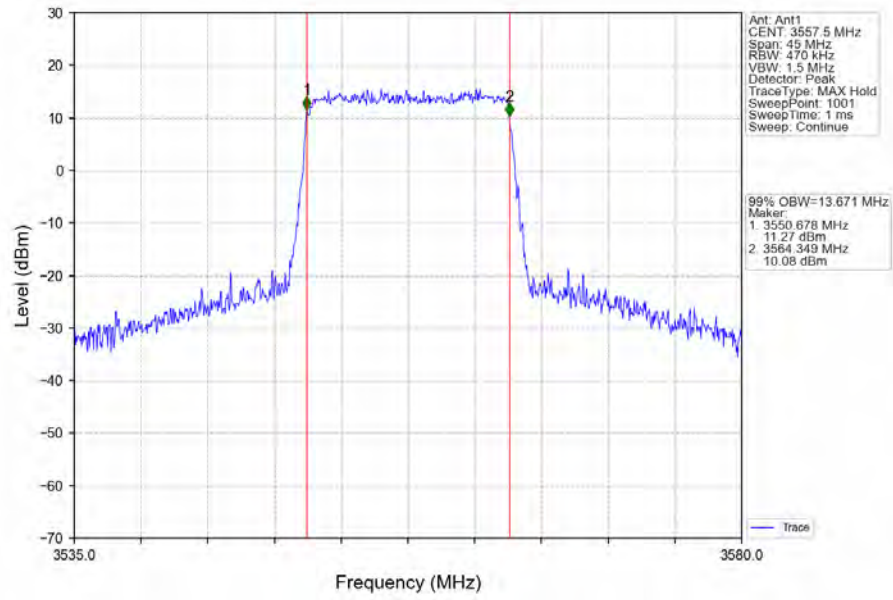
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



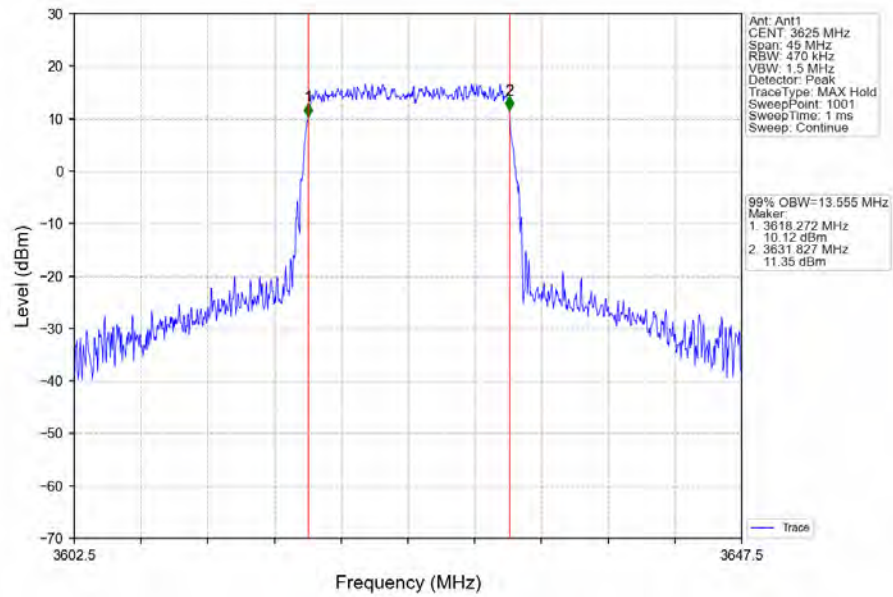
Band48_15MHz_16QAM_HCH_3692.5MHz_RB_75_0_NTNV



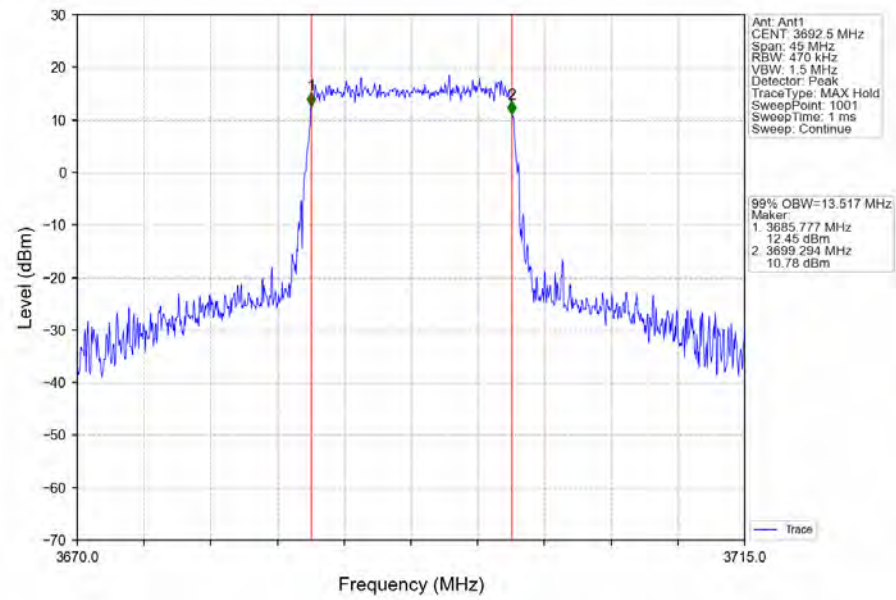
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV



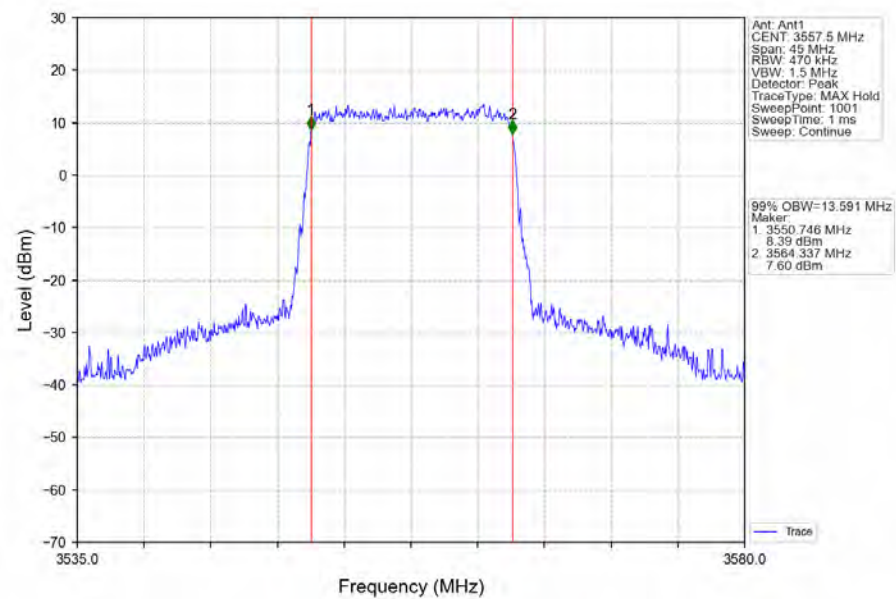
Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV



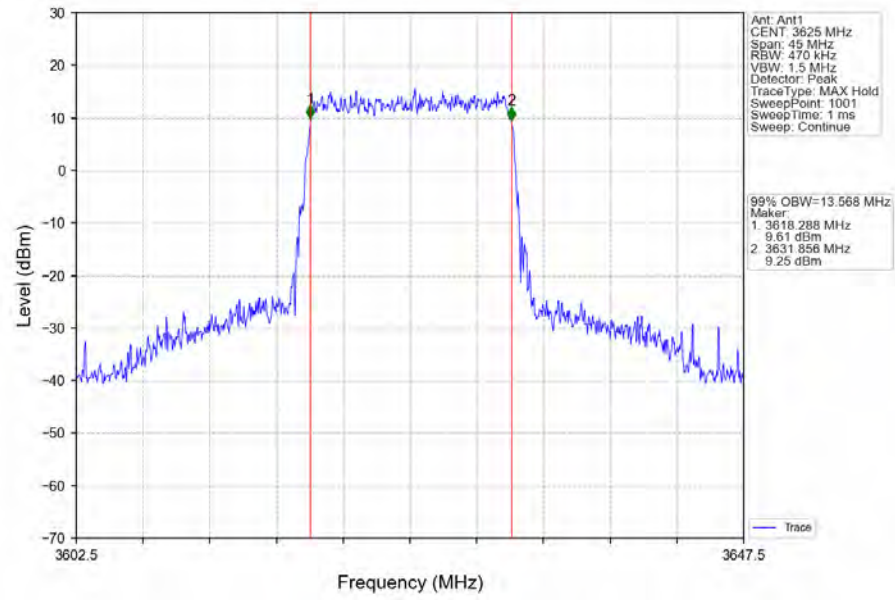
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV



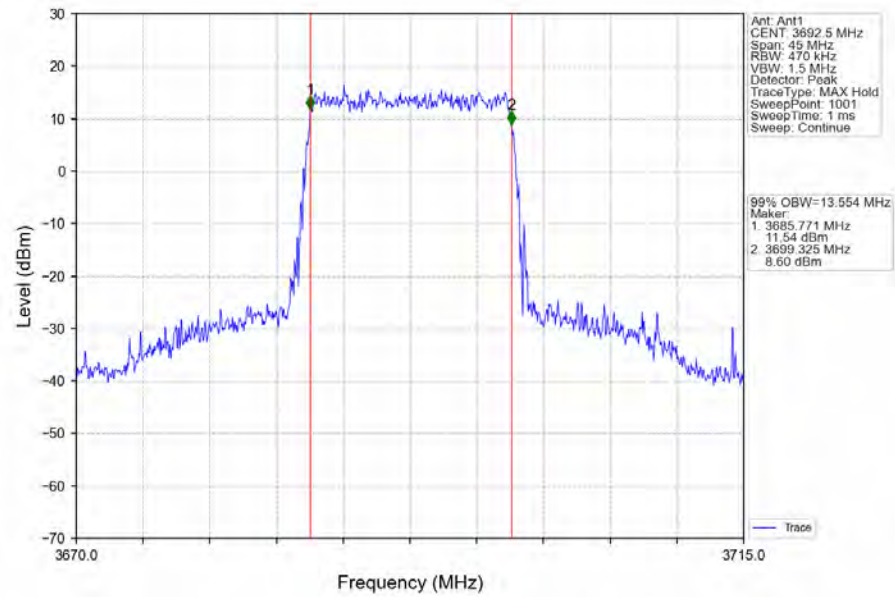
Band48_15MHz_256QAM_LCH_3557.5MHz_RB_75_0_NTNV



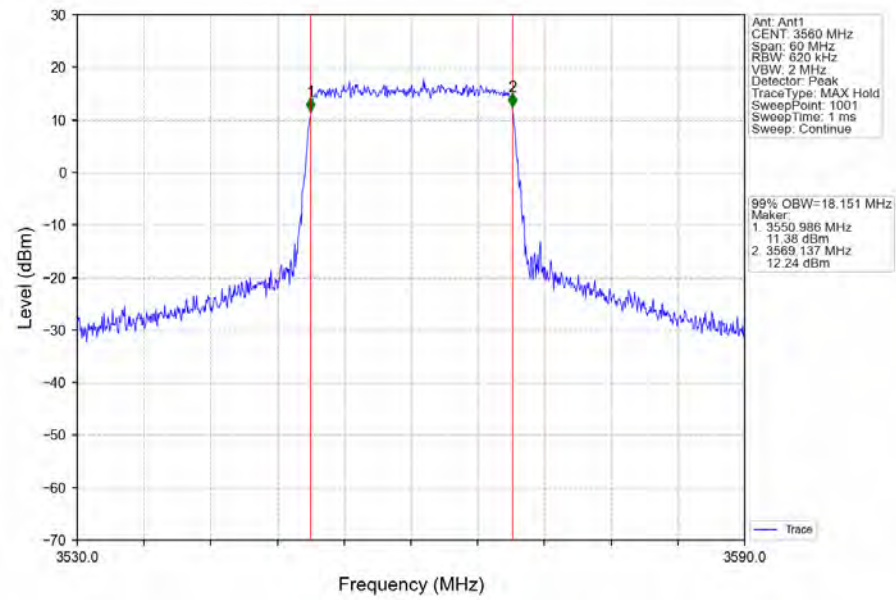
Band48_15MHz_256QAM_MCH_3625MHz_RB_75_0_NTNV



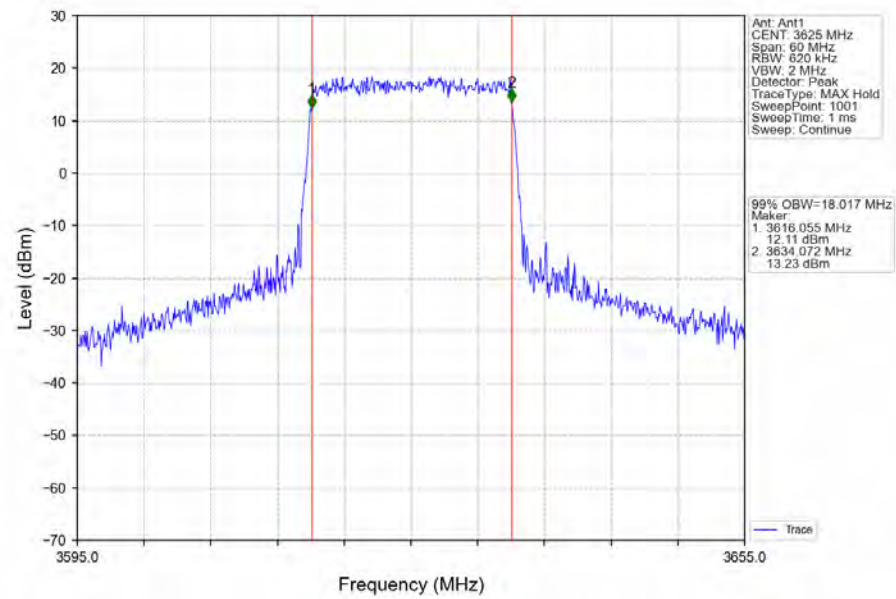
Band48_15MHz_256QAM_HCH_3692.5MHz_RB_75_0_NTNV



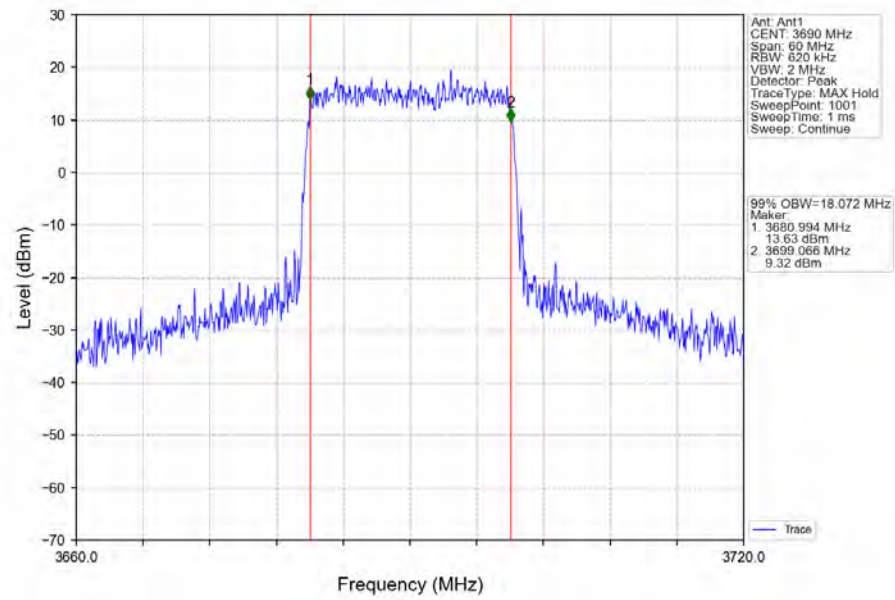
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTV



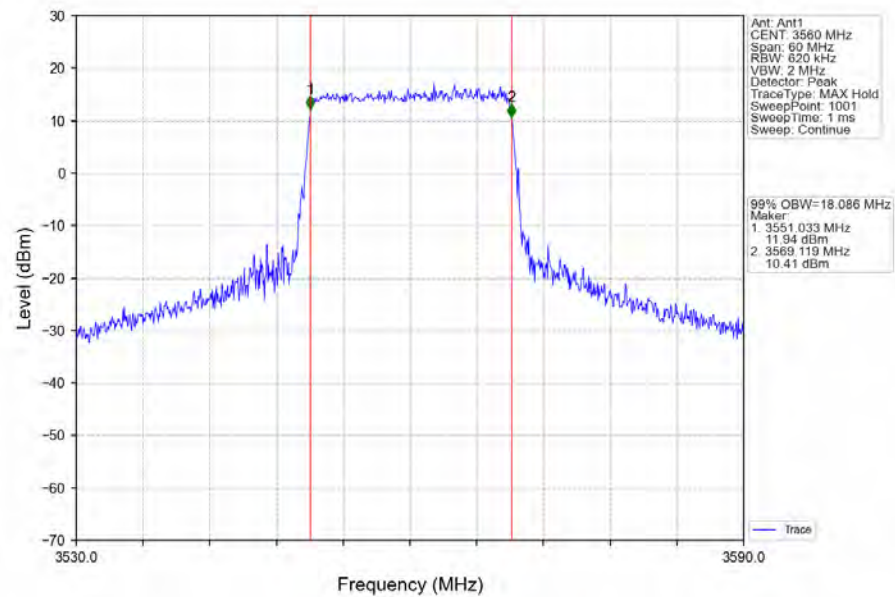
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTV



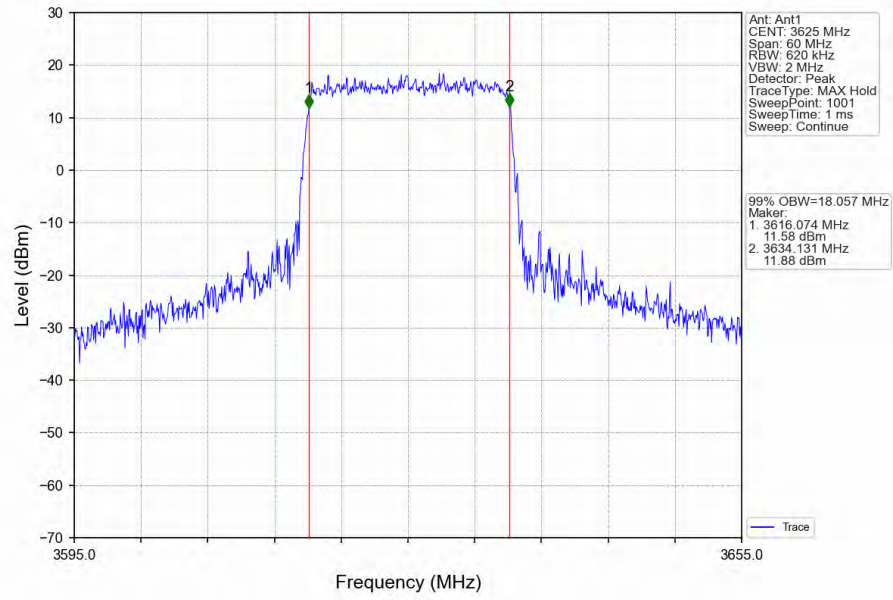
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



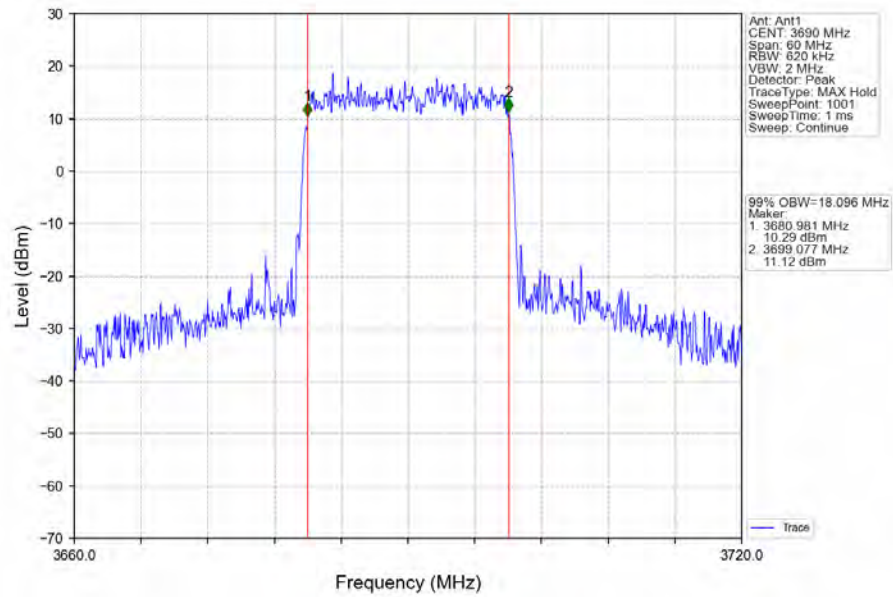
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



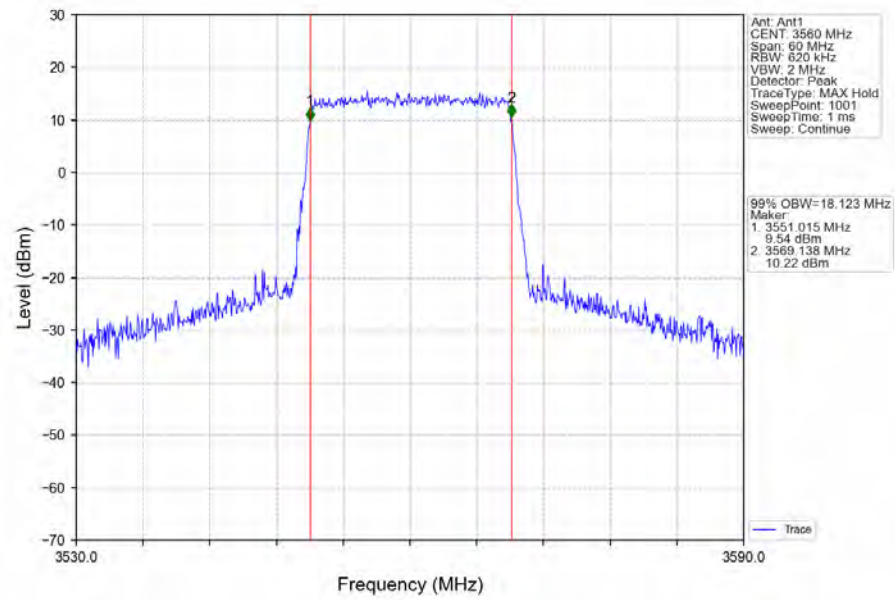
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



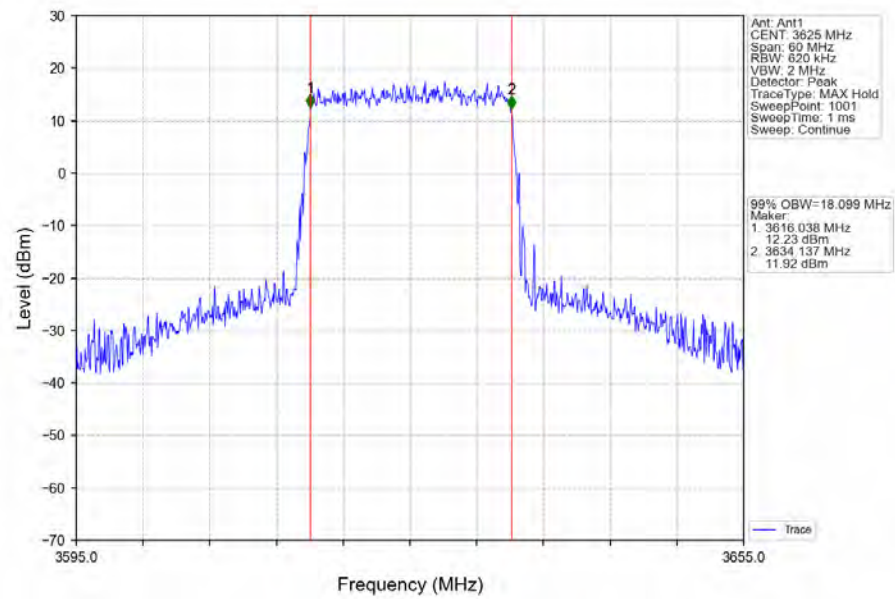
Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



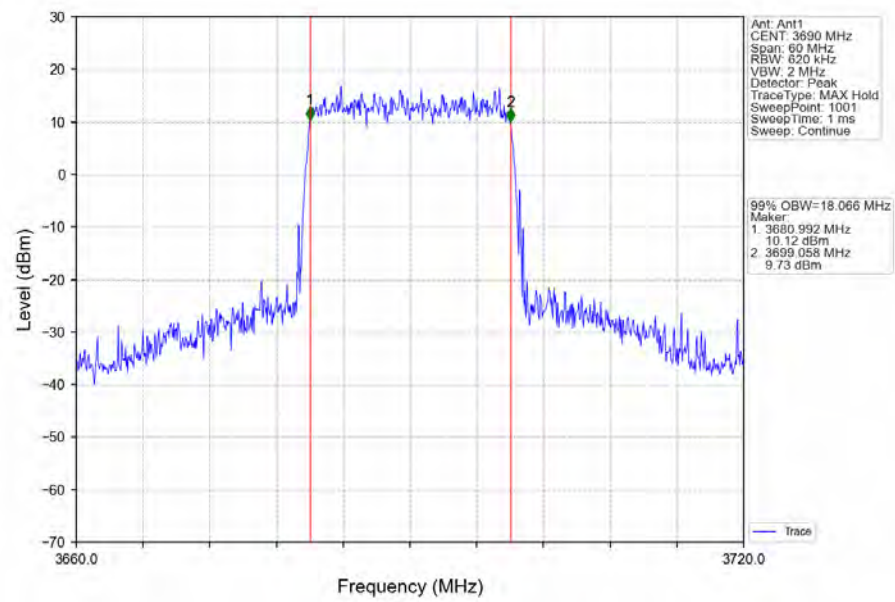
Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



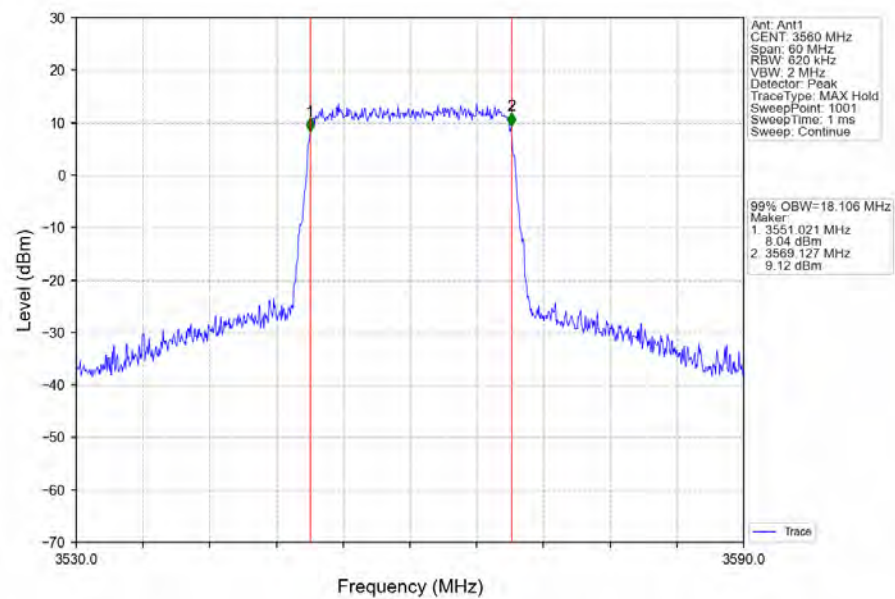
Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



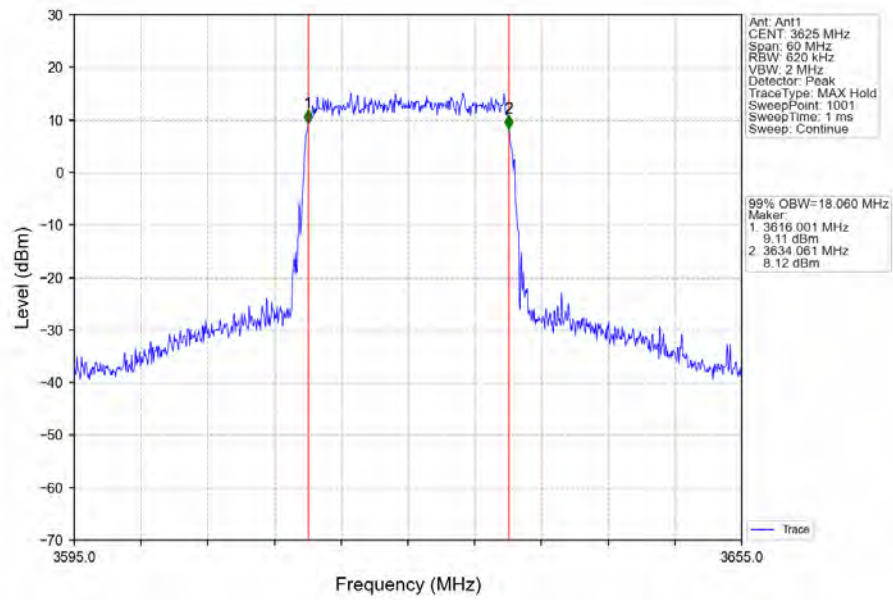
Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



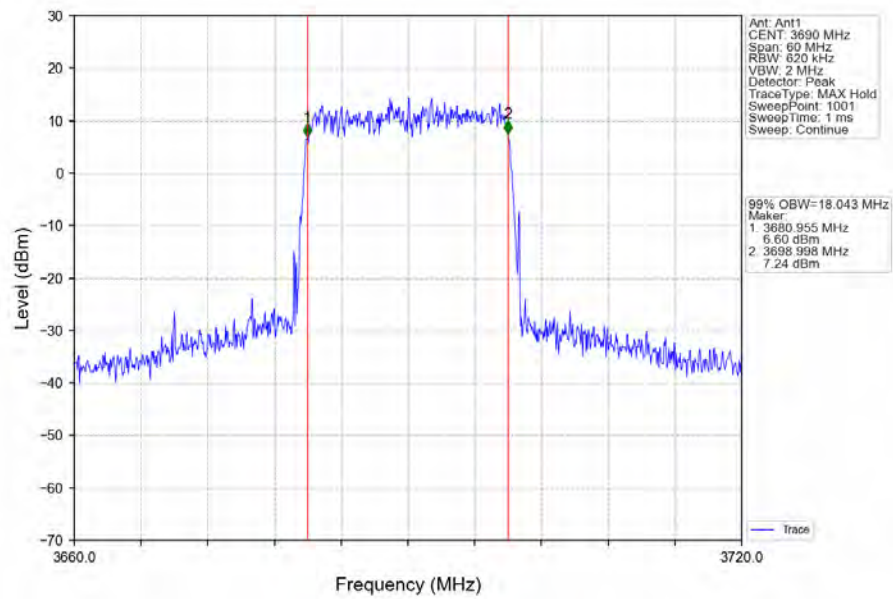
Band48_20MHz_256QAM_LCH_3560MHz_RB_100_0_NTNV



Band48 20MHz 256QAM MCH 3625MHz RB 100 0 NTN



Band48 20MHz 256QAM HCH 3690MHz RB 100 0 NTN



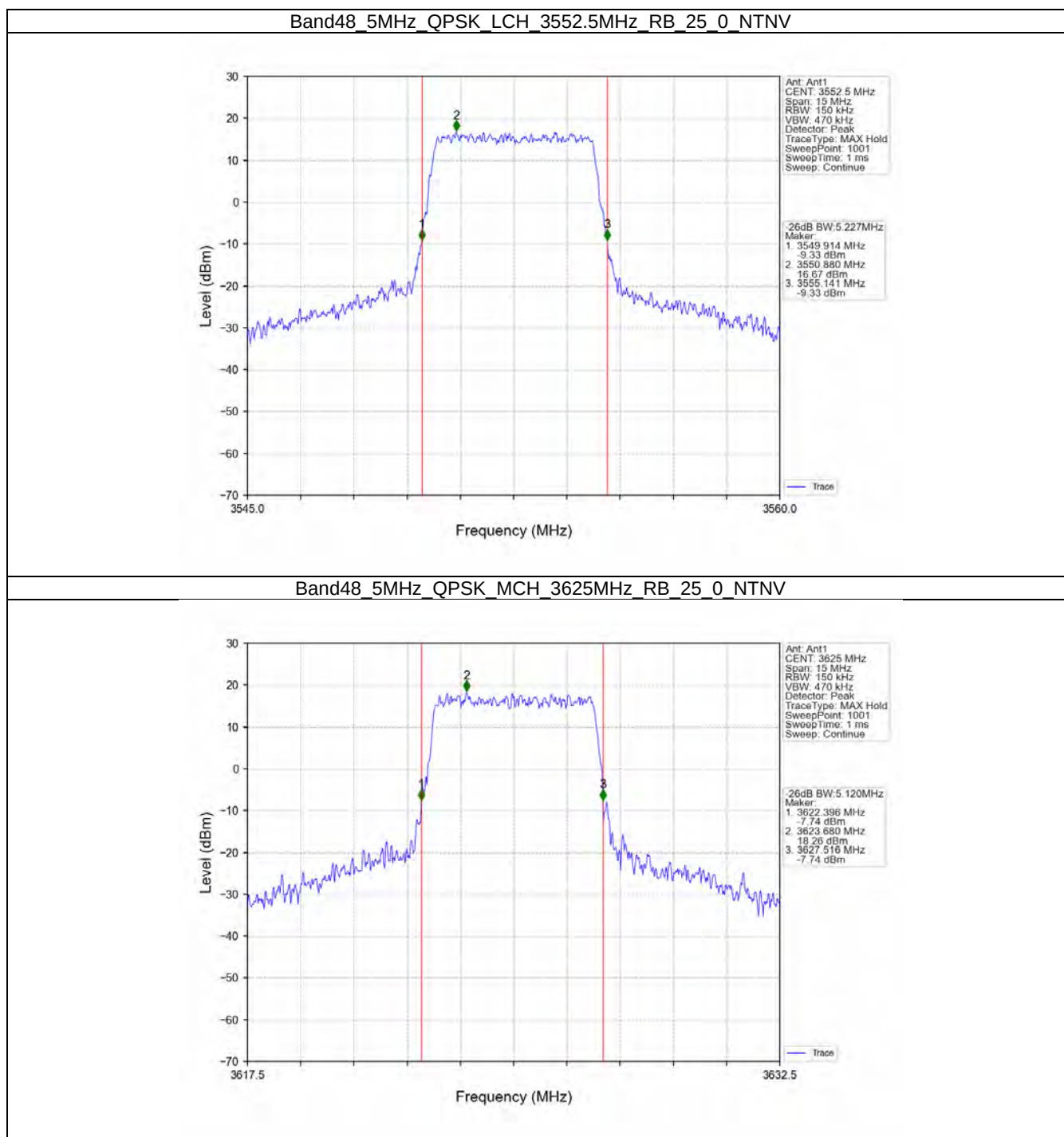
3.2 Band48_XDB

3.2.1 Test Result

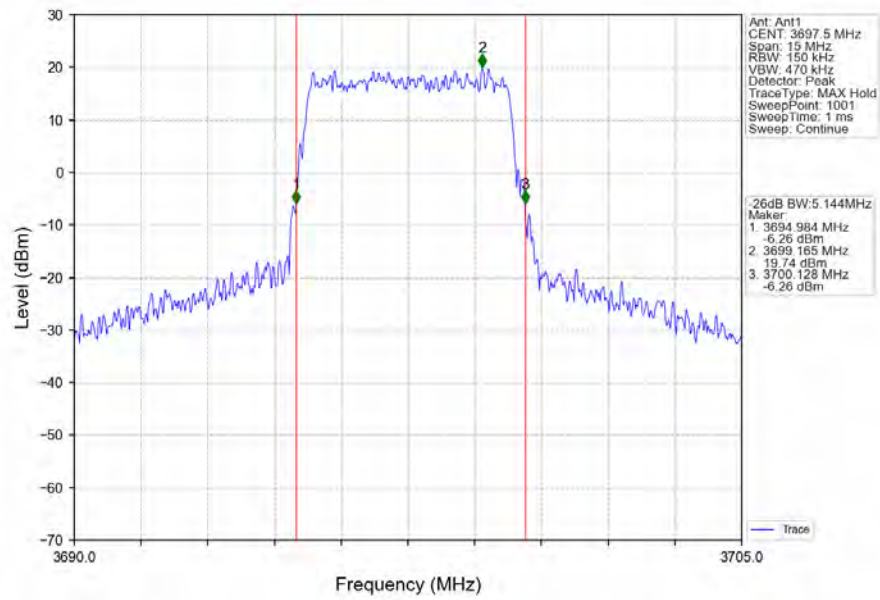
Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	5.227	/	Pass
		3625	25	0	5.120	/	Pass
		3697.5	25	0	5.144	/	Pass
	16QAM	3552.5	25	0	5.197	/	Pass
		3625	25	0	5.132	/	Pass
		3697.5	25	0	5.035	/	Pass
	64QAM	3552.5	25	0	5.174	/	Pass
		3625	25	0	5.070	/	Pass
		3697.5	25	0	5.123	/	Pass
	256QAM	3552.5	25	0	5.183	/	Pass
		3625	25	0	5.183	/	Pass
		3697.5	25	0	5.185	/	Pass
10	QPSK	3555	50	0	10.153	/	Pass
		3625	50	0	10.102	/	Pass
		3695	50	0	9.966	/	Pass
	16QAM	3555	50	0	10.186	/	Pass
		3625	50	0	10.192	/	Pass
		3695	50	0	9.913	/	Pass
	64QAM	3555	50	0	10.177	/	Pass
		3625	50	0	10.141	/	Pass
		3695	50	0	10.007	/	Pass
	256QAM	3555	50	0	10.114	/	Pass
		3625	50	0	10.075	/	Pass
		3695	50	0	10.067	/	Pass
15	QPSK	3557.5	75	0	15.107	/	Pass
		3625	75	0	15.031	/	Pass
		3692.5	75	0	15.087	/	Pass
	16QAM	3557.5	75	0	14.995	/	Pass
		3625	75	0	14.910	/	Pass
		3692.5	75	0	14.925	/	Pass
	64QAM	3557.5	75	0	15.260	/	Pass
		3625	75	0	15.220	/	Pass
		3692.5	75	0	14.784	/	Pass
	256QAM	3557.5	75	0	15.135	/	Pass
		3625	75	0	14.862	/	Pass
		3692.5	75	0	14.808	/	Pass
20	QPSK	3560	100	0	19.811	/	Pass
		3625	100	0	19.716	/	Pass
		3690	100	0	19.363	/	Pass
	16QAM	3560	100	0	19.983	/	Pass
		3625	100	0	19.692	/	Pass
		3690	100	0	19.257	/	Pass
	64QAM	3560	100	0	20.029	/	Pass
		3625	100	0	19.834	/	Pass
		3690	100	0	19.601	/	Pass
	256QAM	3560	100	0	20.241	/	Pass
		3625	100	0	19.720	/	Pass

		3690	100	0	19.813	/	Pass
--	--	------	-----	---	--------	---	------

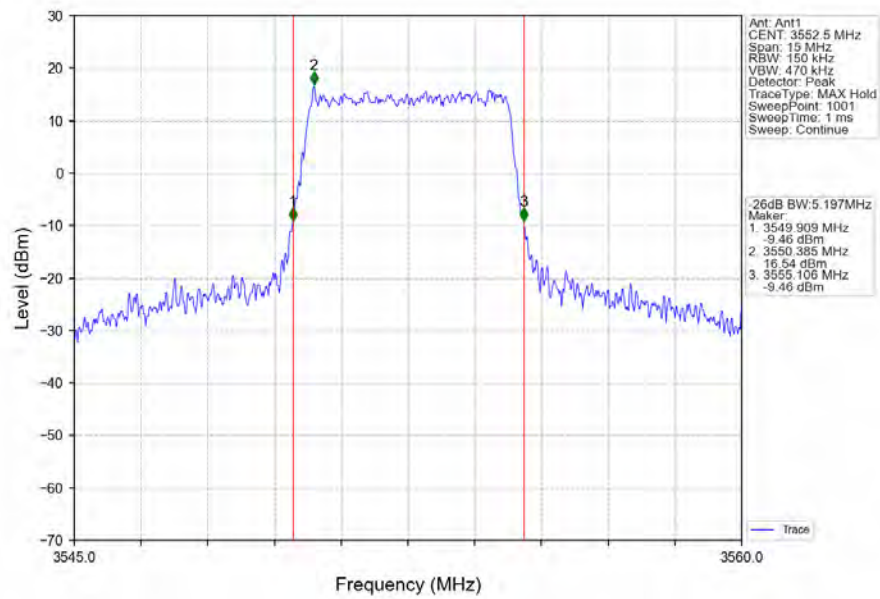
3.2.2 Test Graph



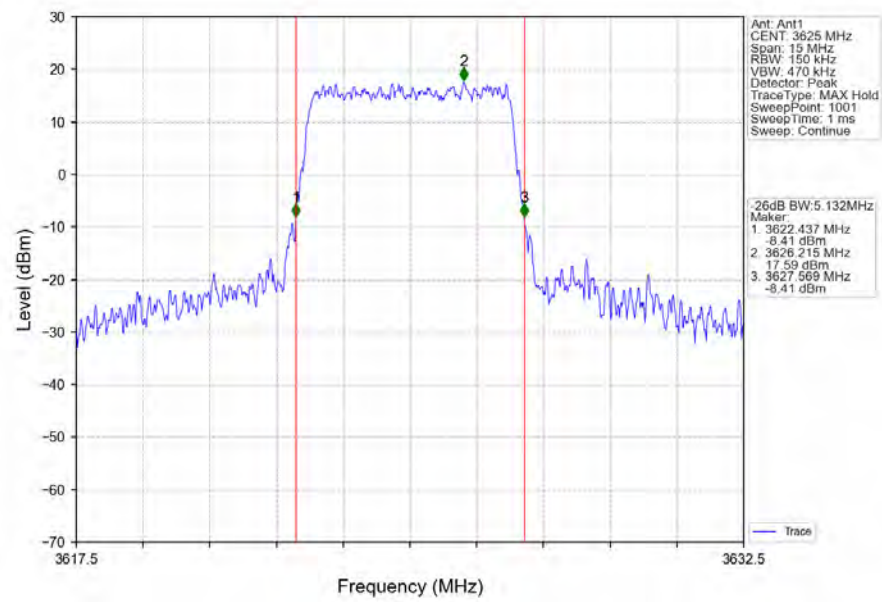
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



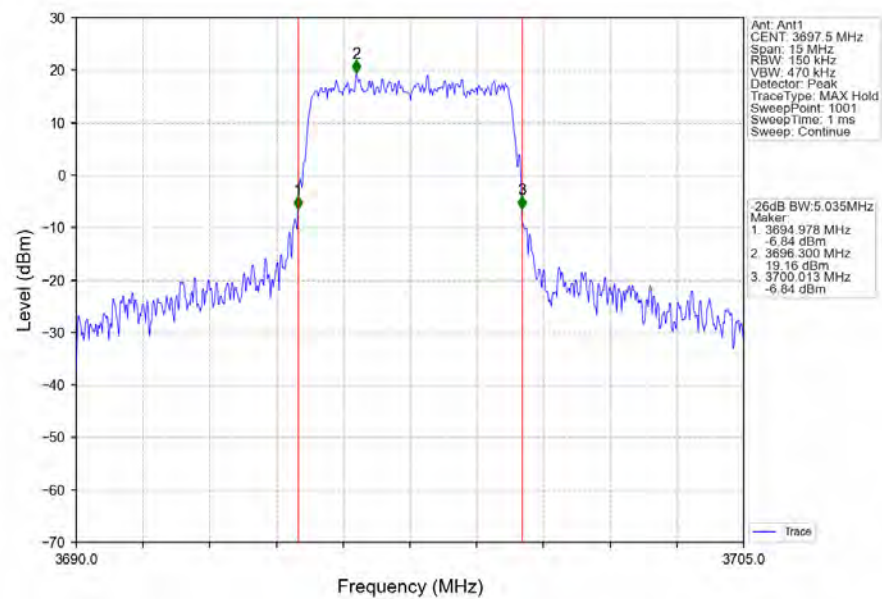
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



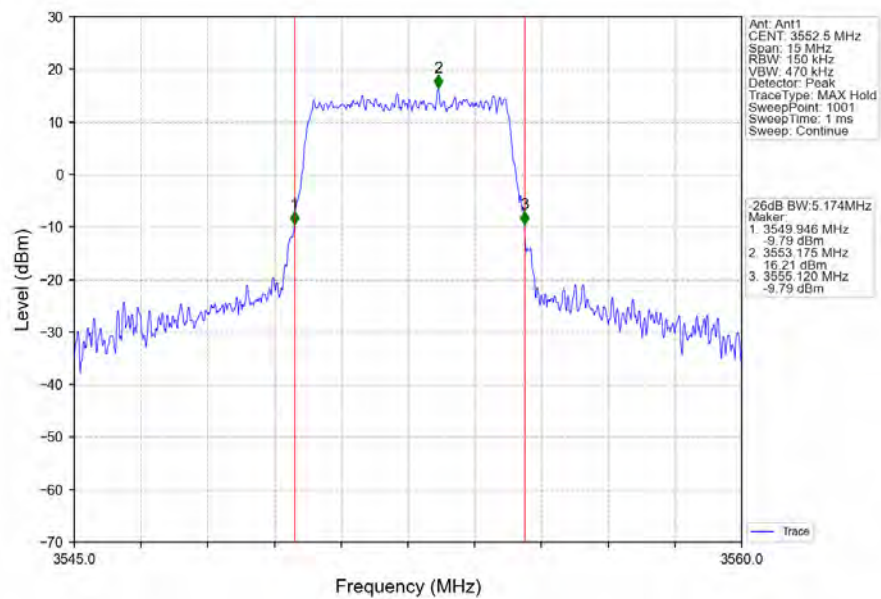
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



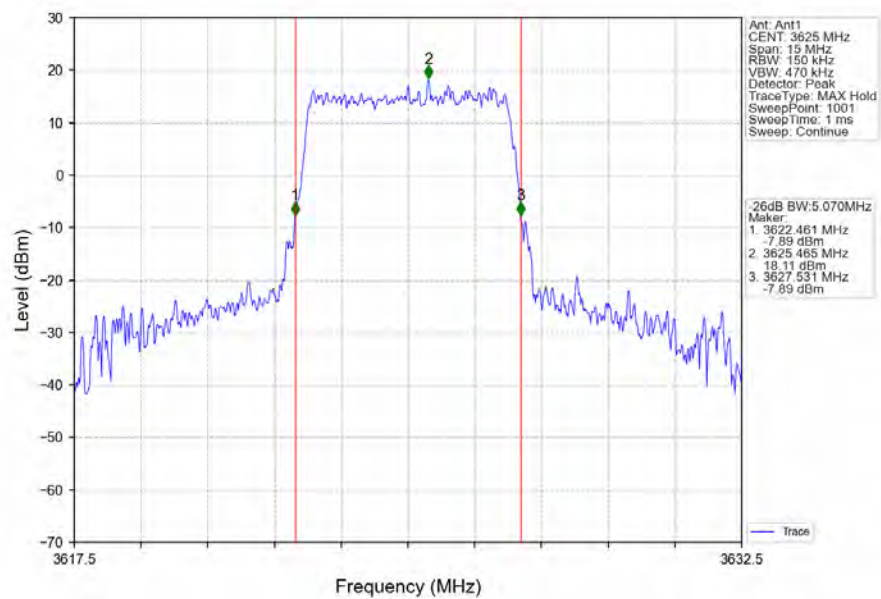
Band48 5MHz 16QAM HCH 3697.5MHz RB 25 0 NTNV



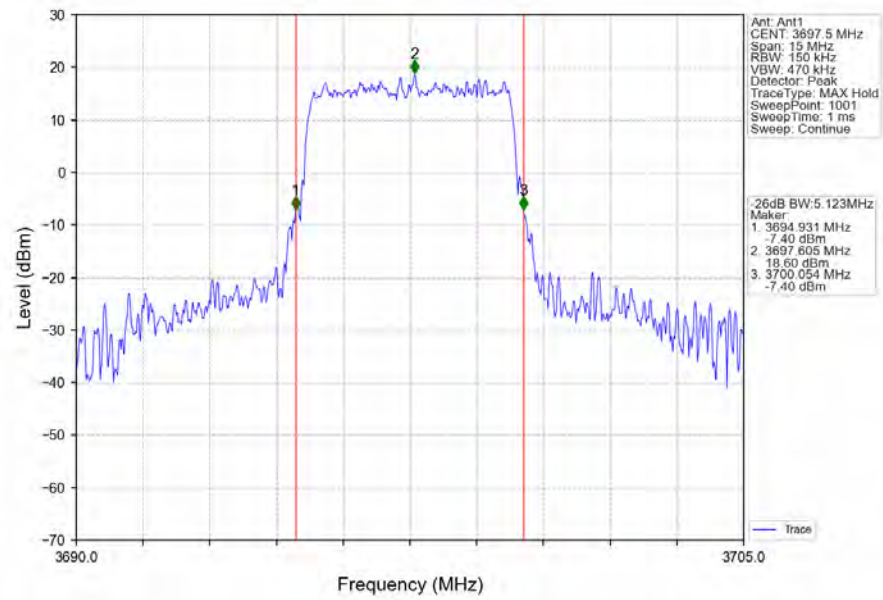
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_25_0_NTNV



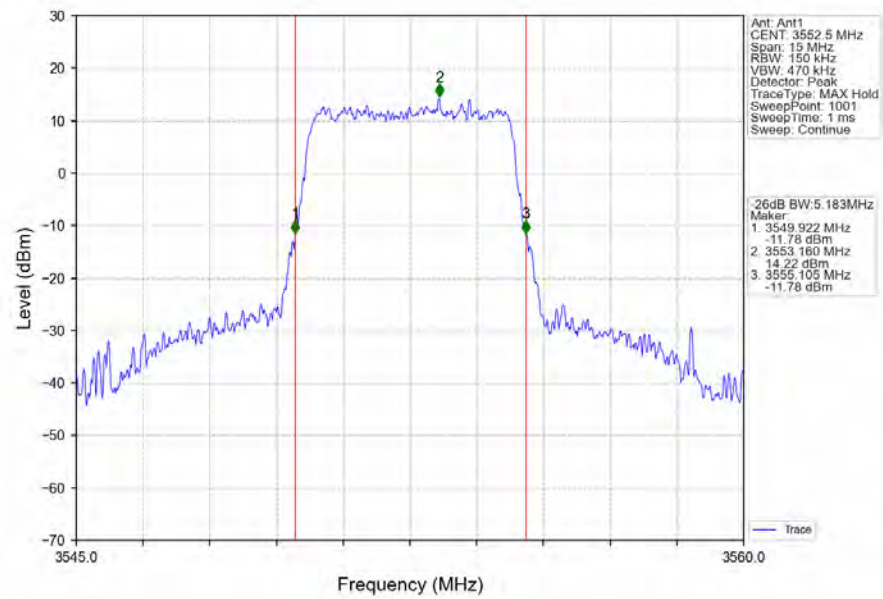
Band48_5MHz_64QAM_MCH_3625MHz_RB_25_0_NTNV



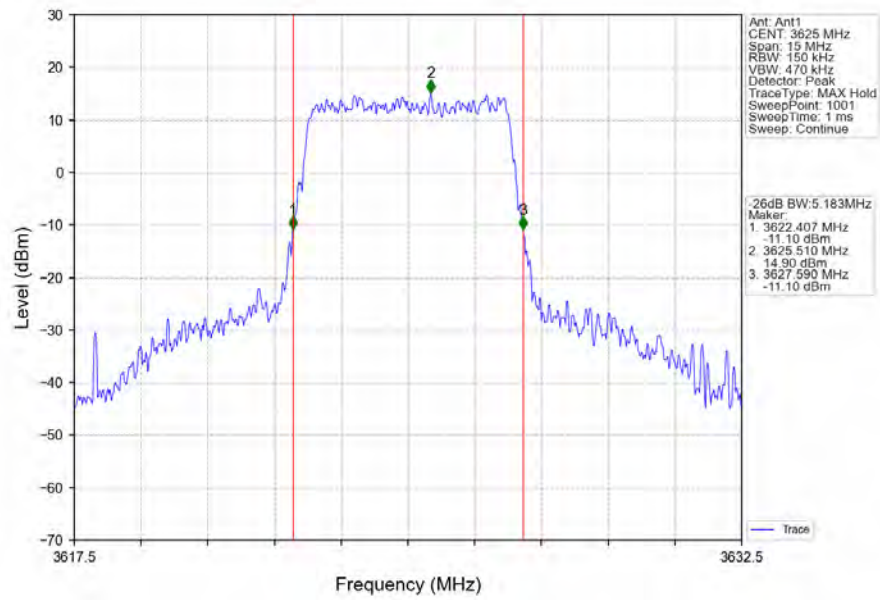
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



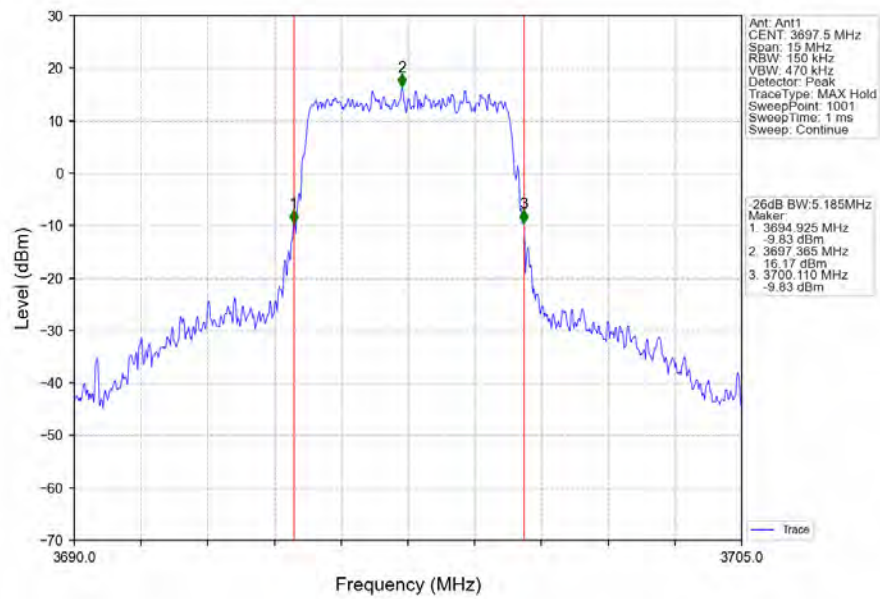
Band48_5MHz_256QAM_LCH_3552.5MHz_RB_25_0_NTNV



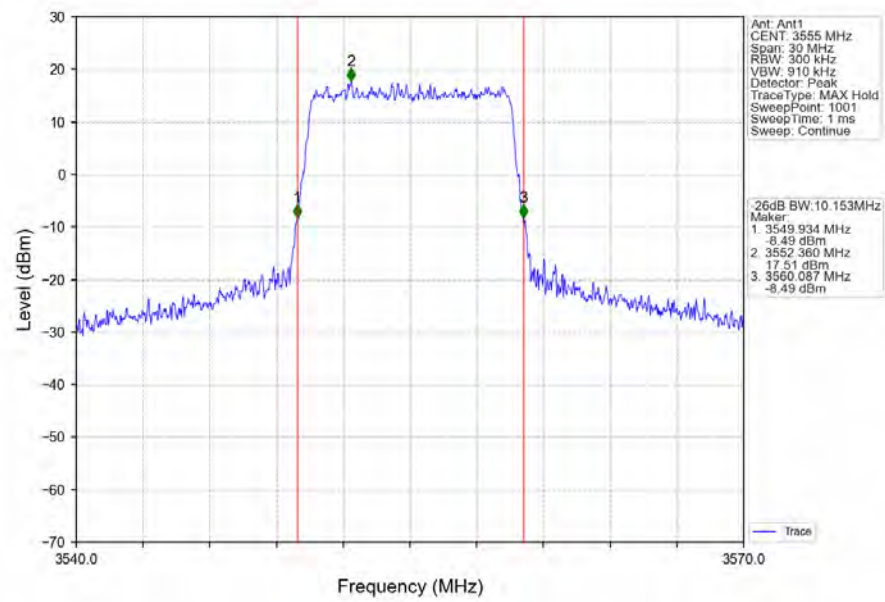
Band48_5MHz_256QAM_MCH_3625MHz_RB_25_0_NTNV



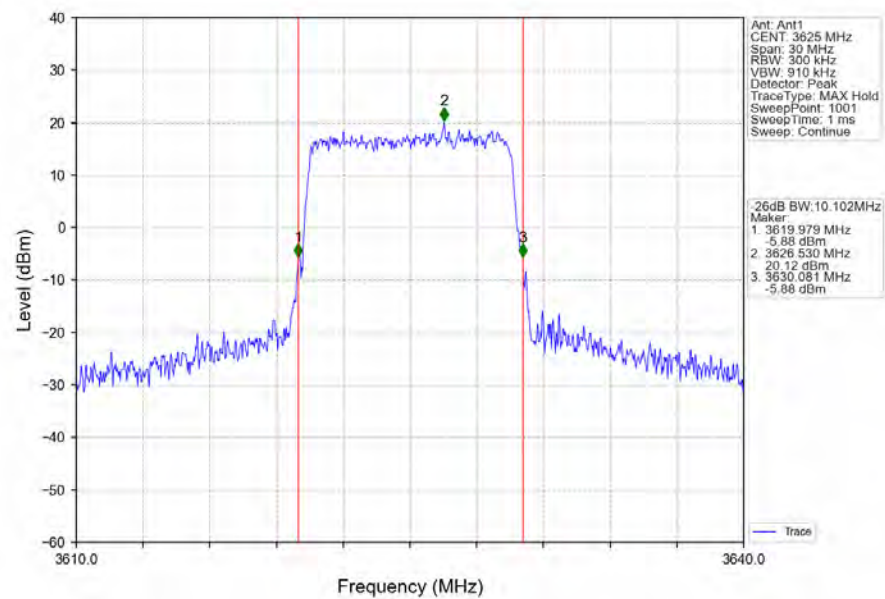
Band48_5MHz_256QAM_HCH_3697.5MHz_RB_25_0_NTNV



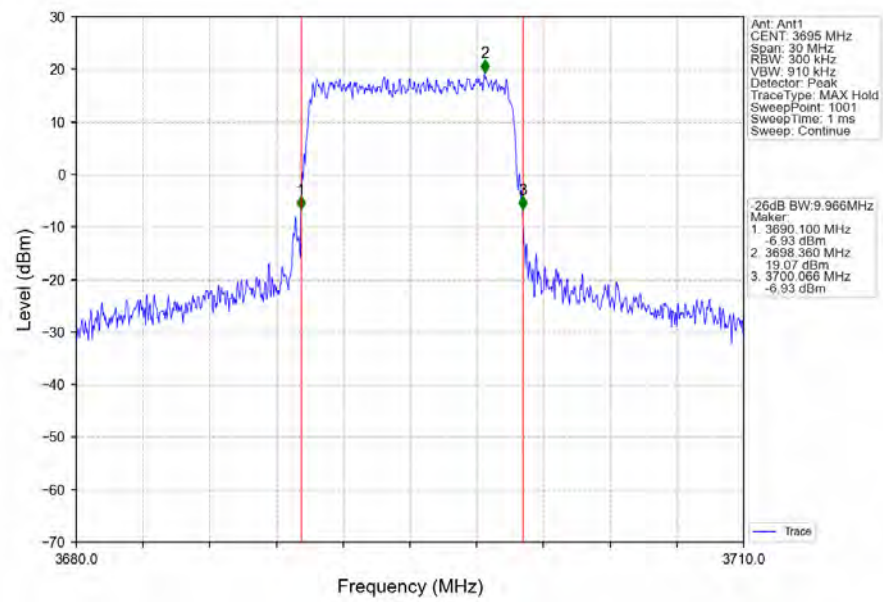
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



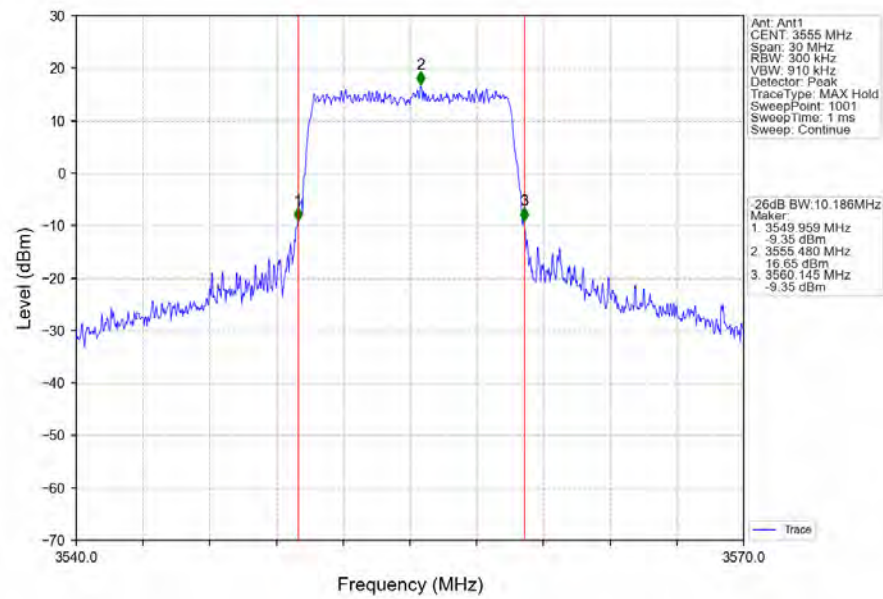
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



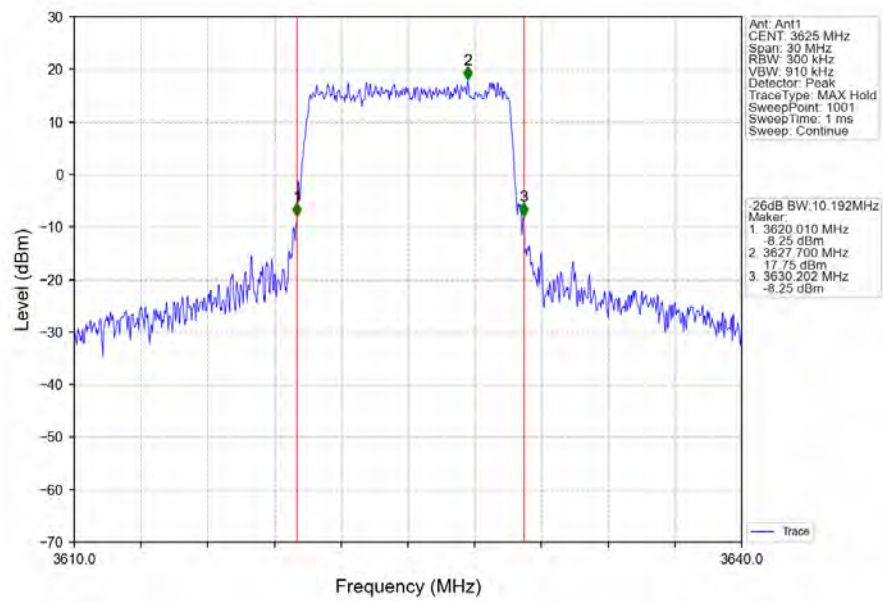
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



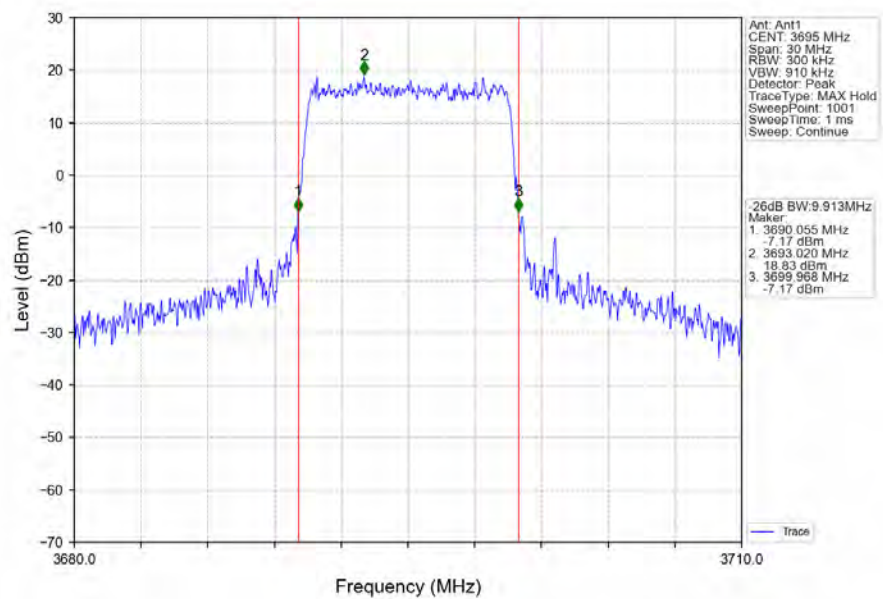
Band48_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



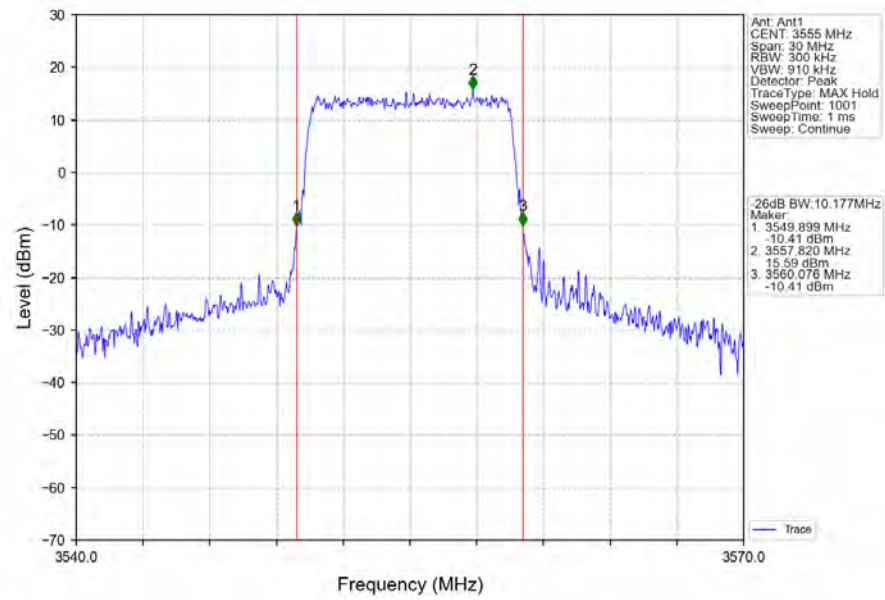
Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



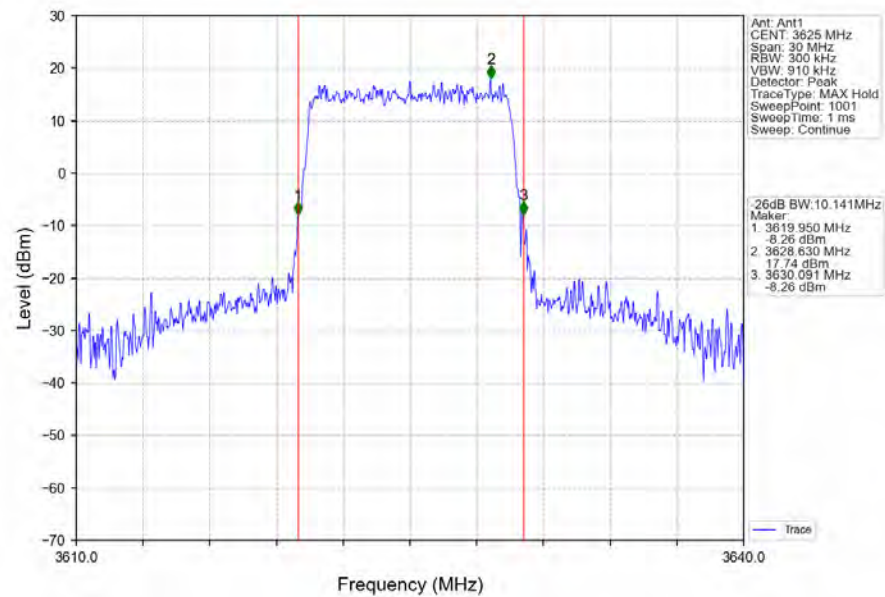
Band48_10MHz_16QAM_HCH_3695MHz_RB_50_0_NTNV



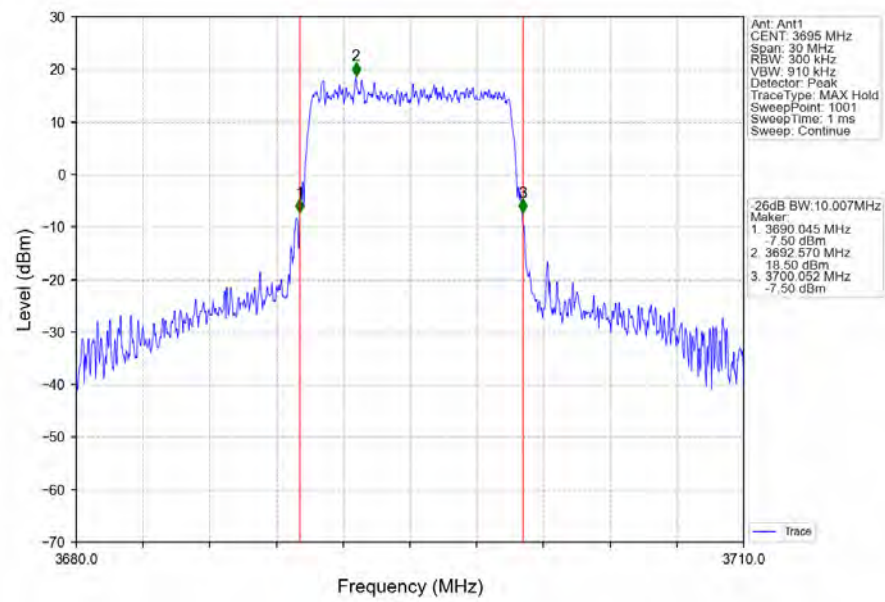
Band48 10MHz 64QAM LCH 3555MHz RB 50 0 NTN



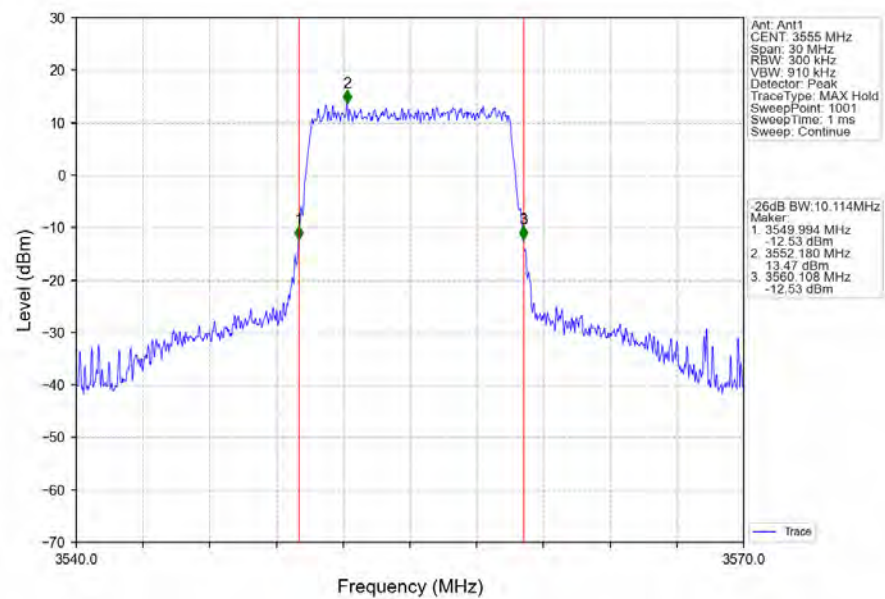
Band48 10MHz 64QAM MCH 3625MHz RB 50 0 NTN



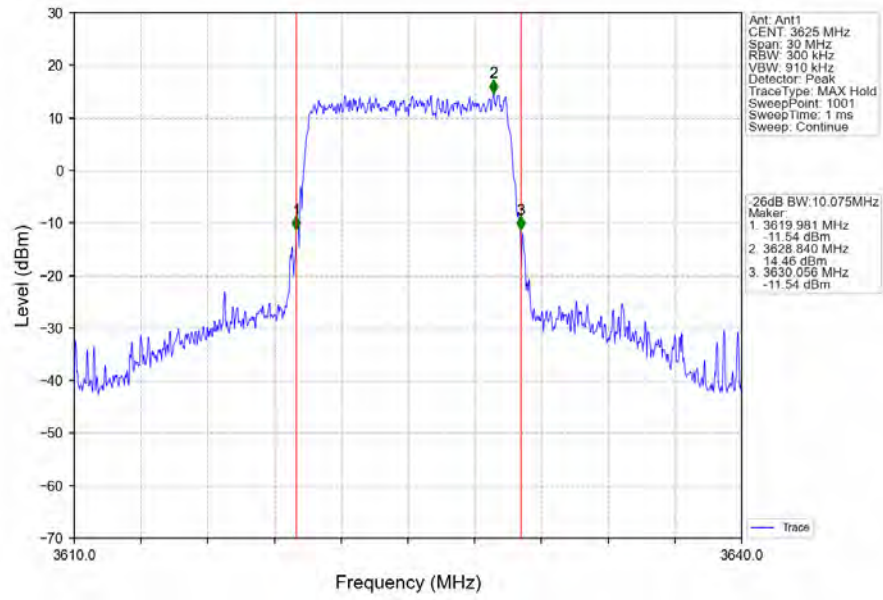
Band48 10MHz 64QAM HCH 3695MHz RB 50 0 NTN



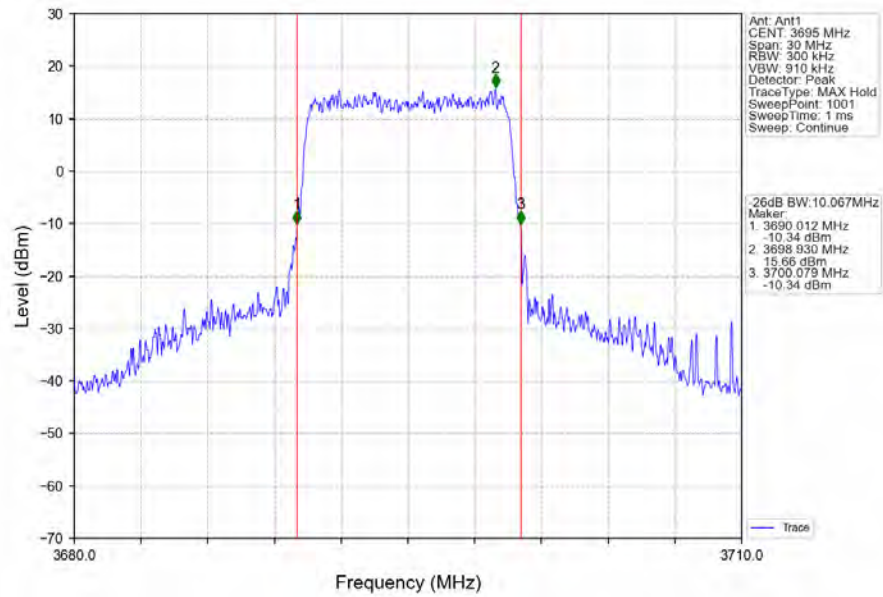
Band48 10MHz 256QAM LCH 3555MHz RB 50 0 NTN



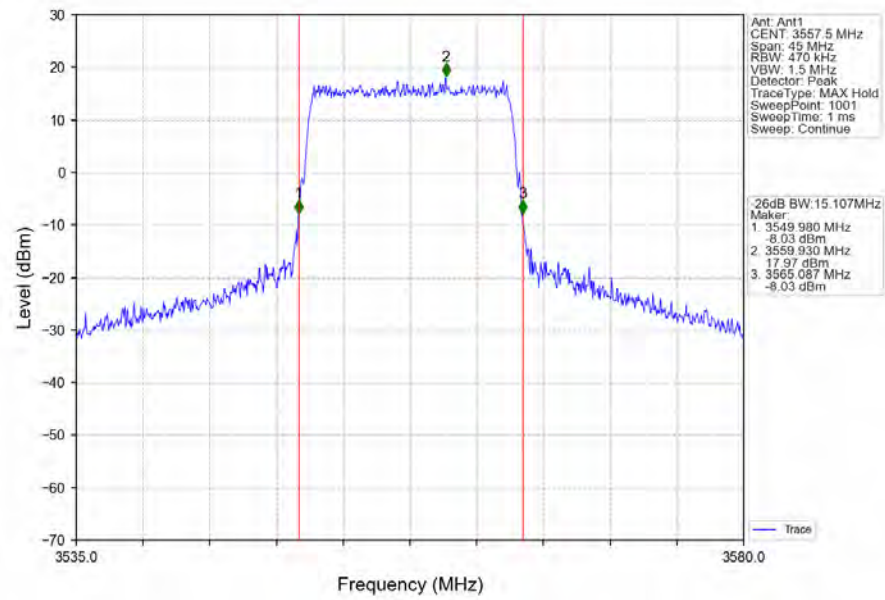
Band48_10MHz_256QAM_MCH_3625MHz_RB_50_0_NTNV



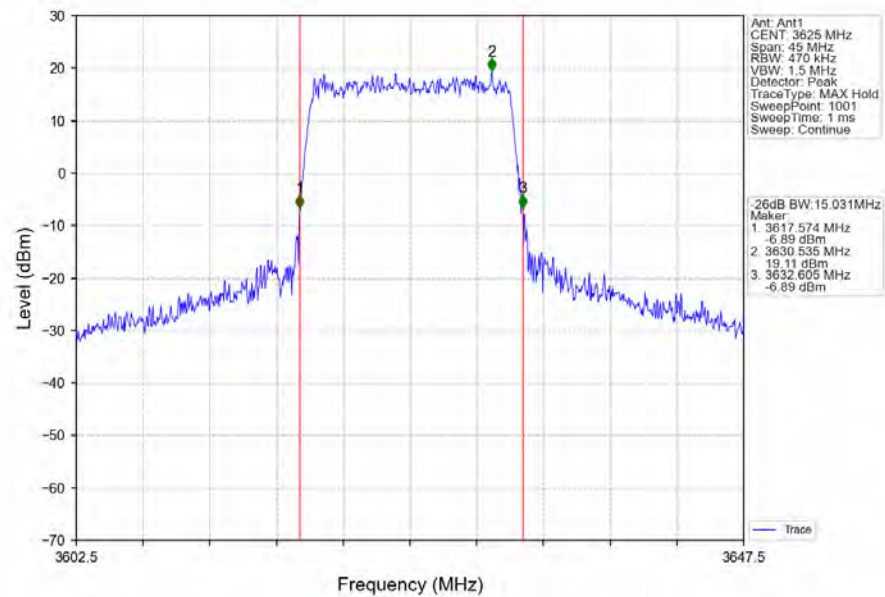
Band48_10MHz_256QAM_HCH_3695MHz_RB_50_0_NTNV



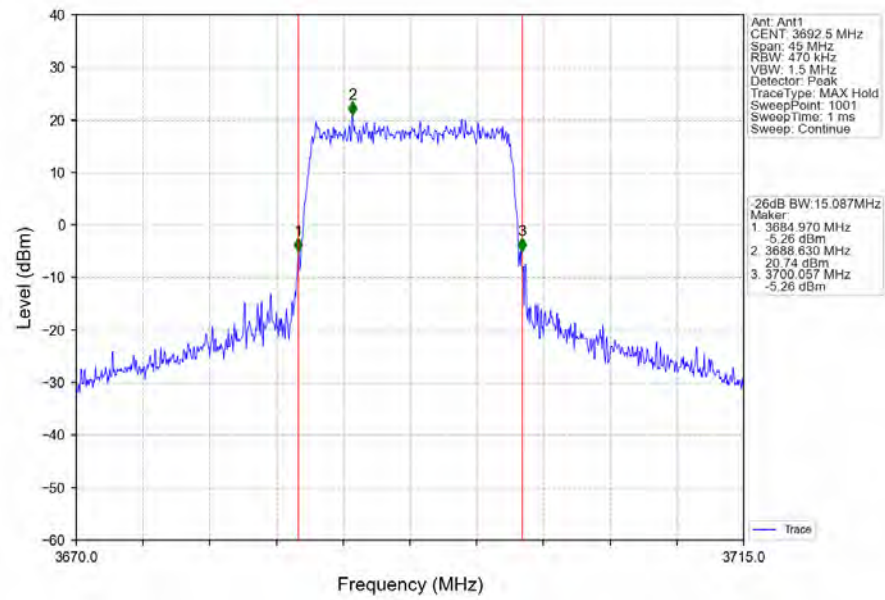
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



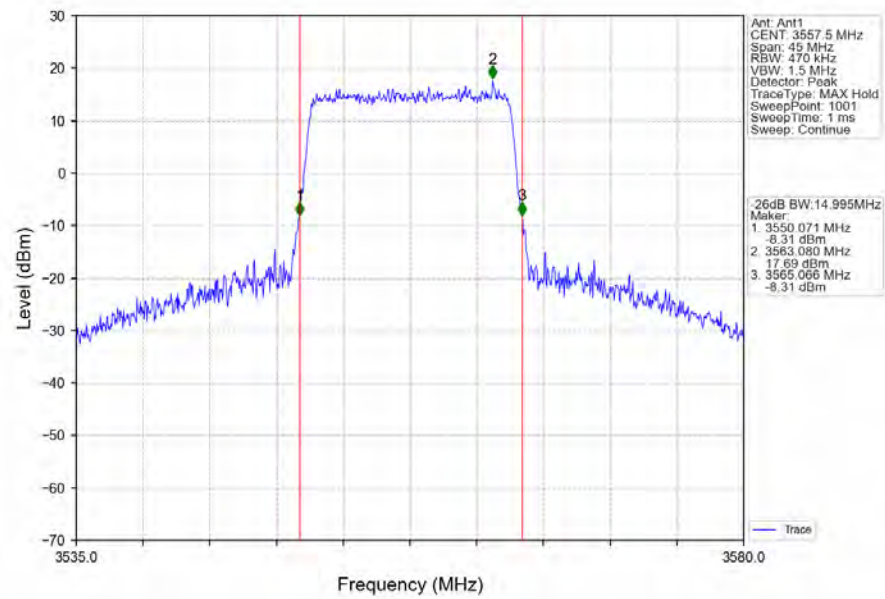
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



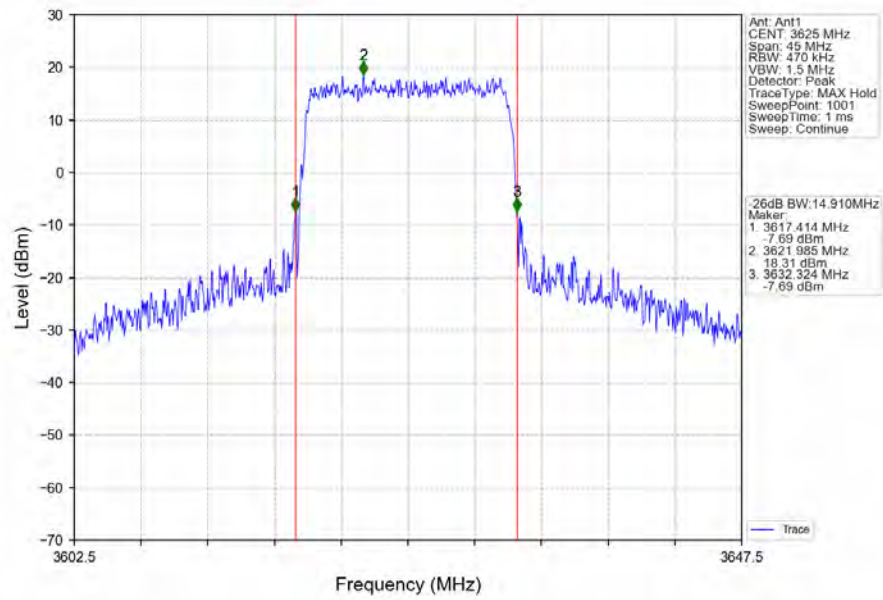
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



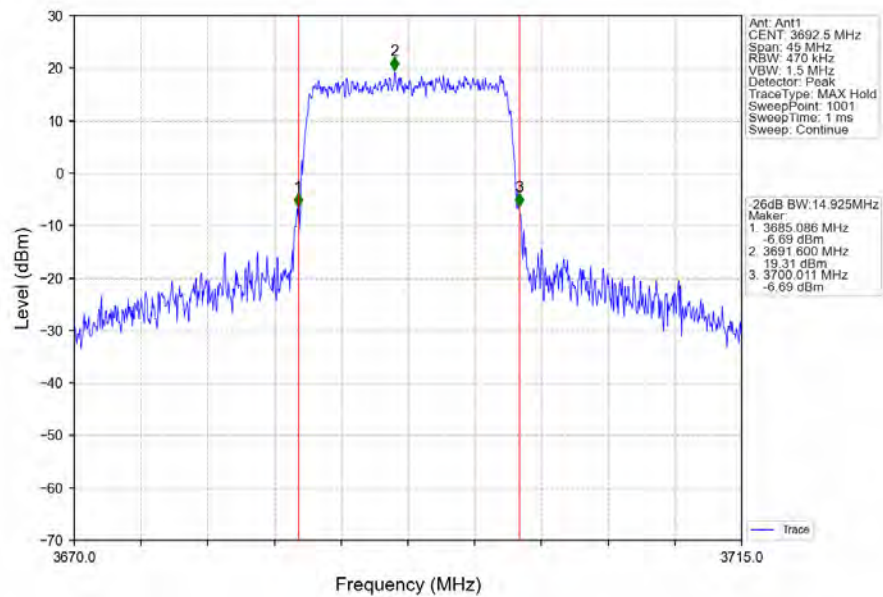
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



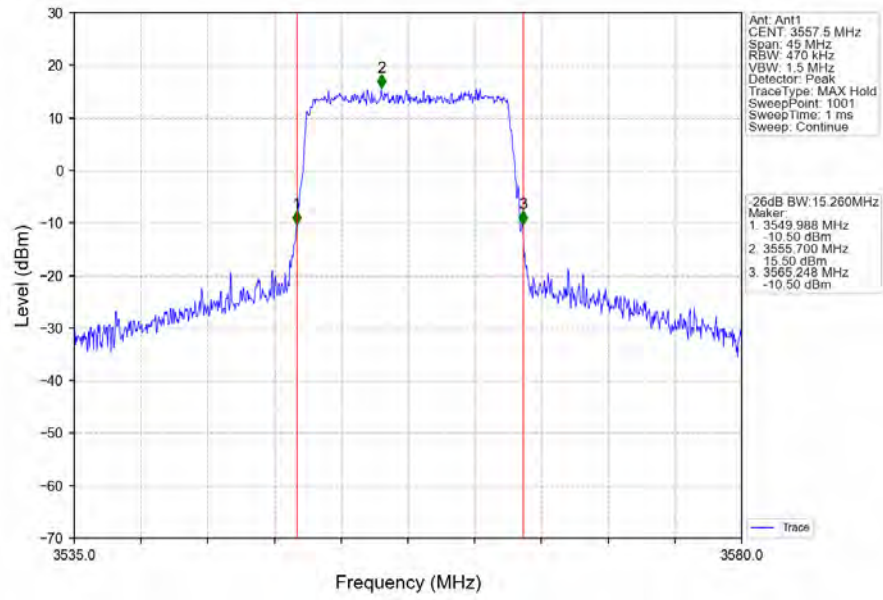
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



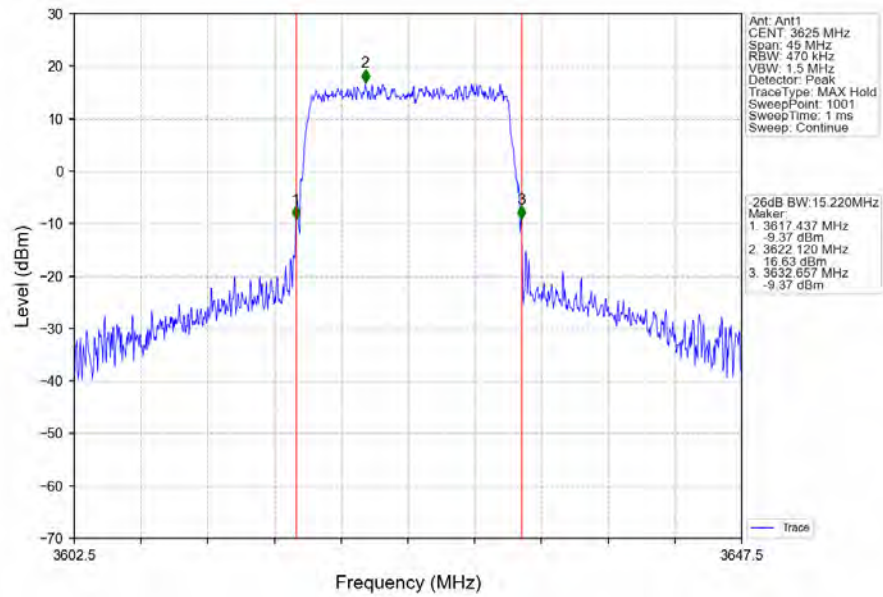
Band48_15MHz_16QAM_HCH_3692.5MHz_RB_75_0_NTNV



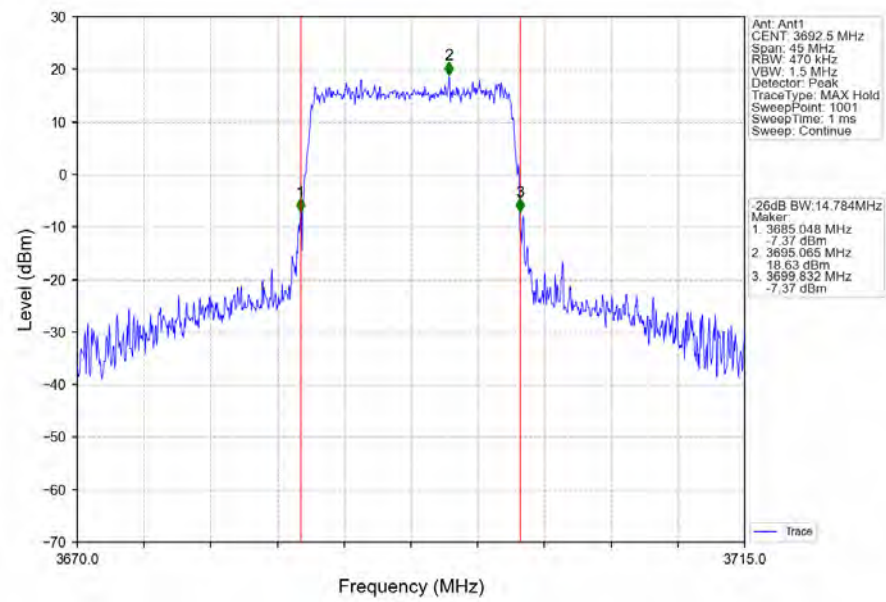
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV



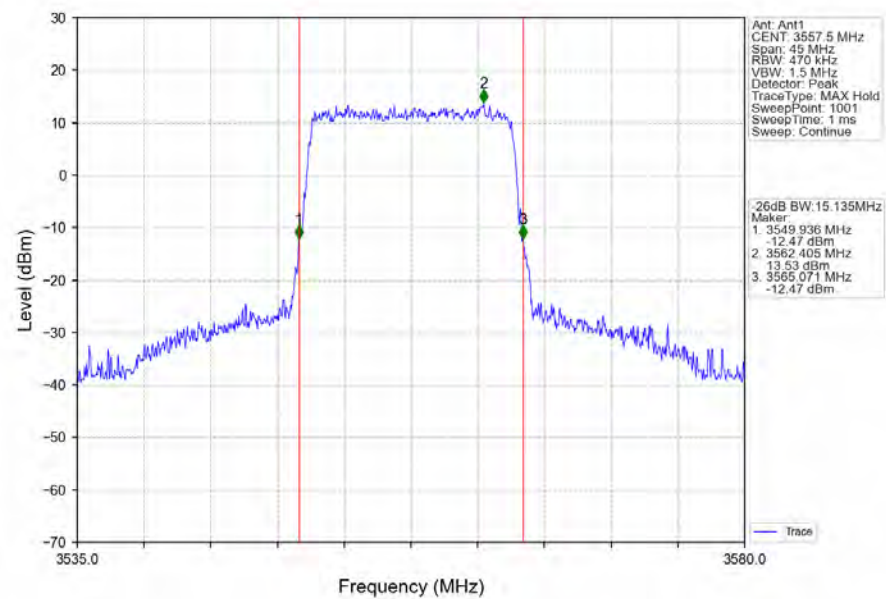
Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV



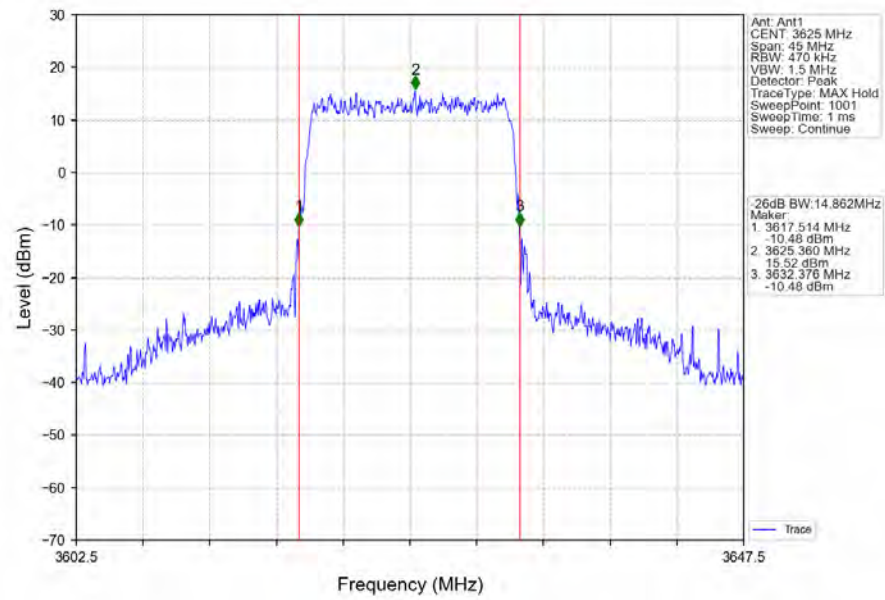
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV



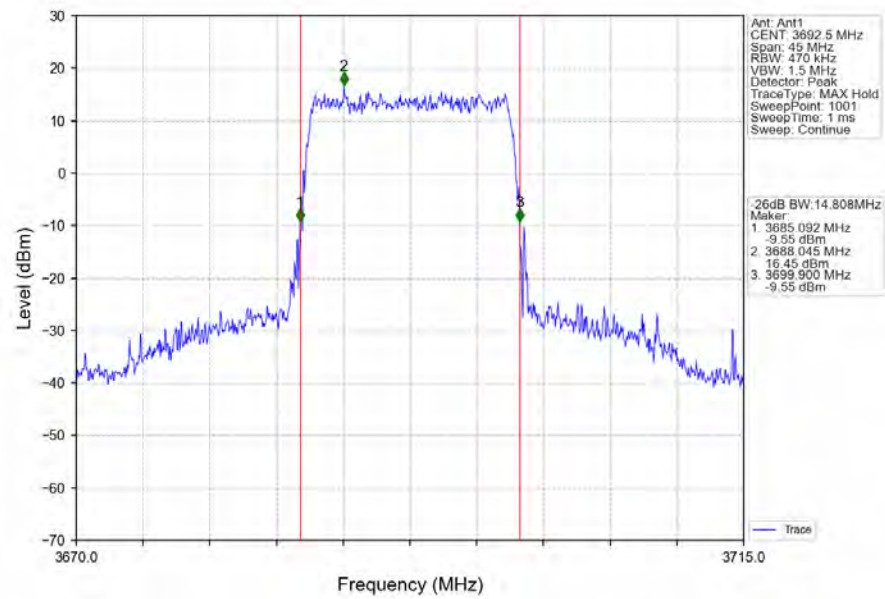
Band48_15MHz_256QAM_LCH_3557.5MHz_RB_75_0_NTNV



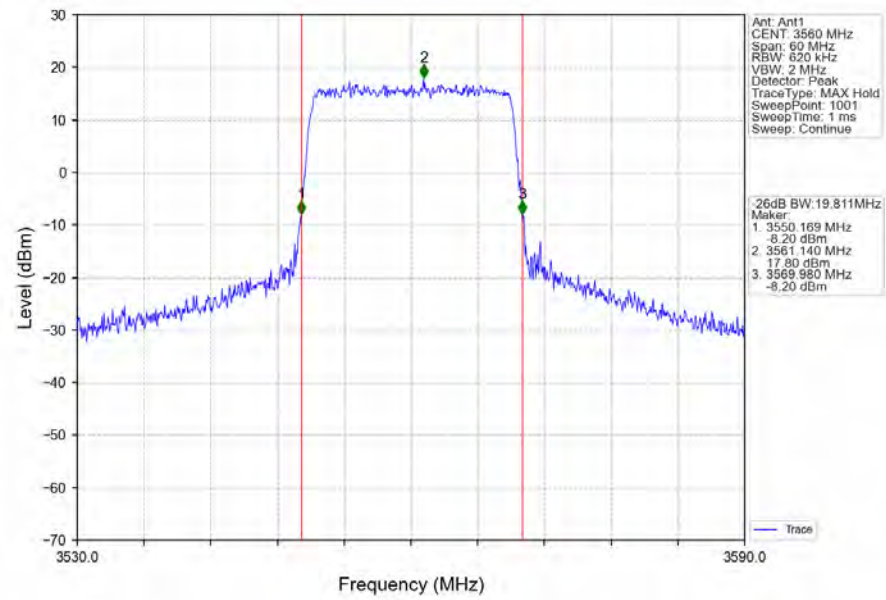
Band48_15MHz_256QAM_MCH_3625MHz_RB_75_0_NTNV



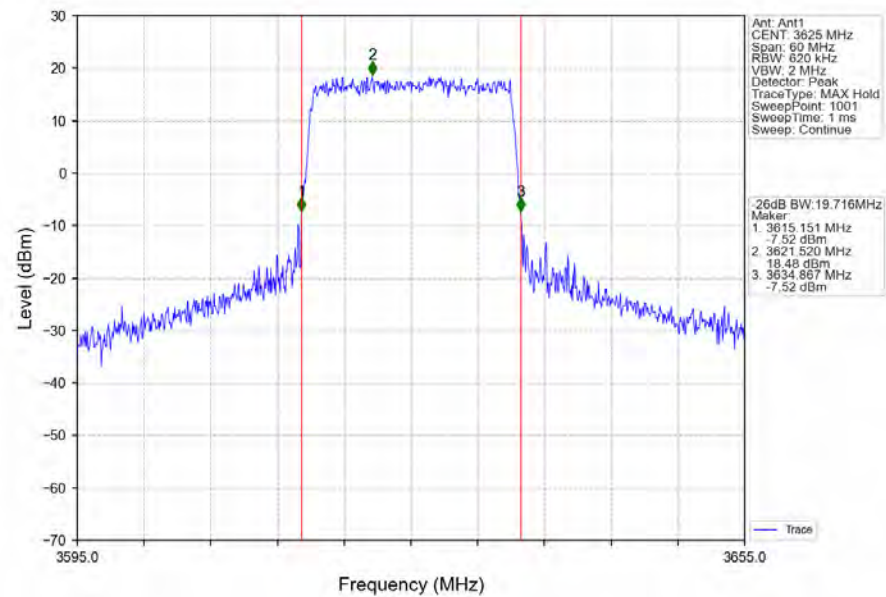
Band48_15MHz_256QAM_HCH_3692.5MHz_RB_75_0_NTNV



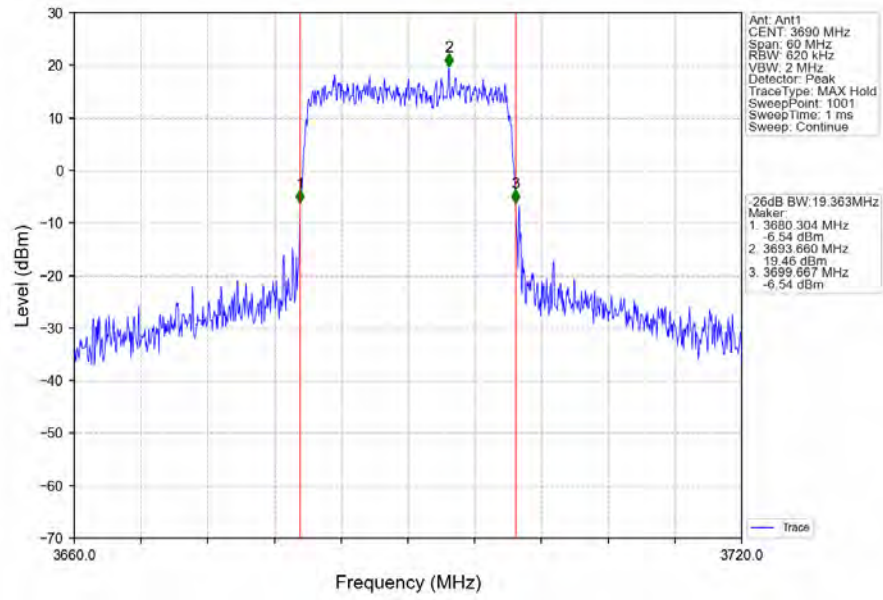
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



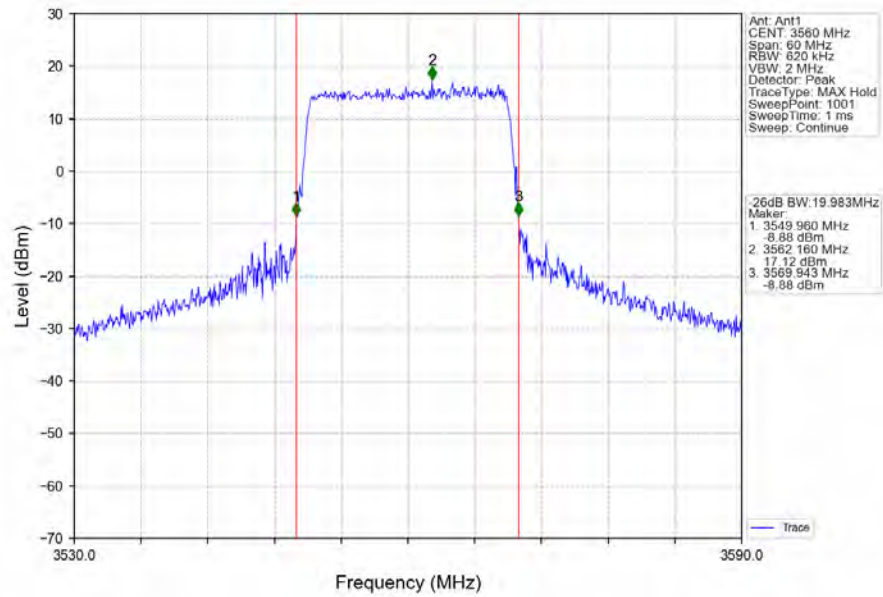
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTNV



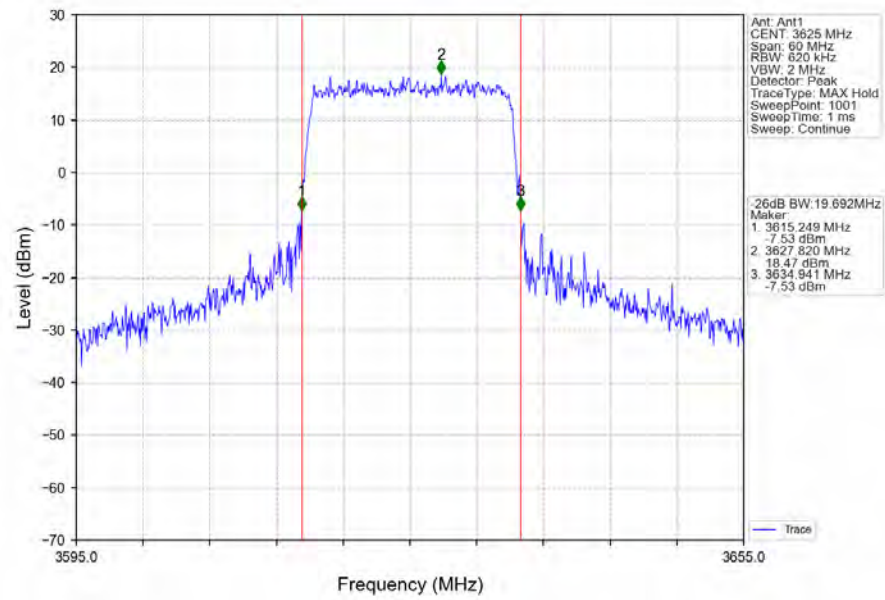
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



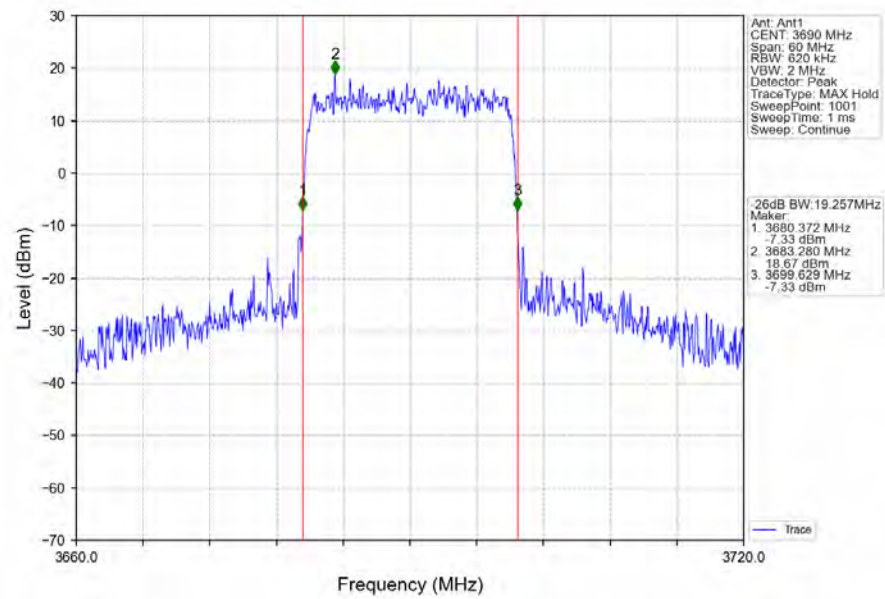
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



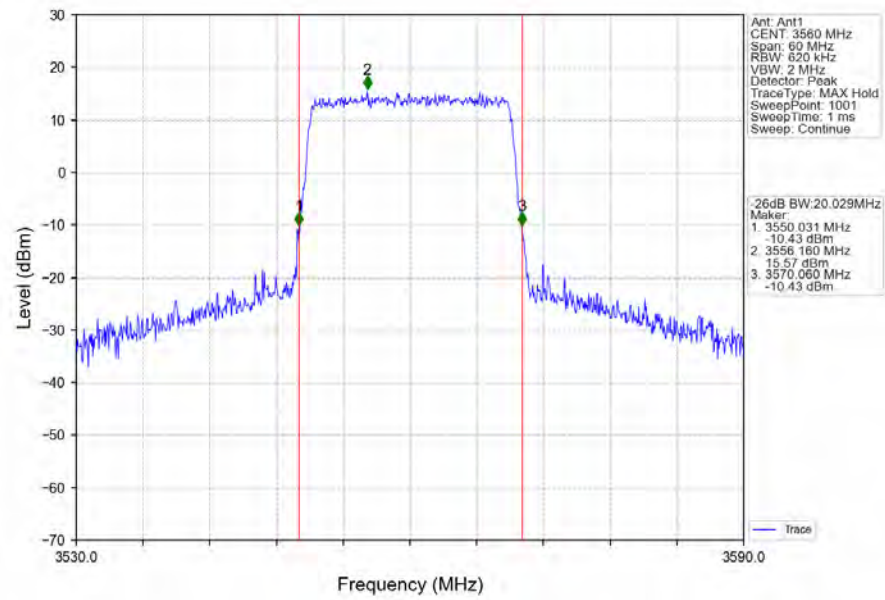
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



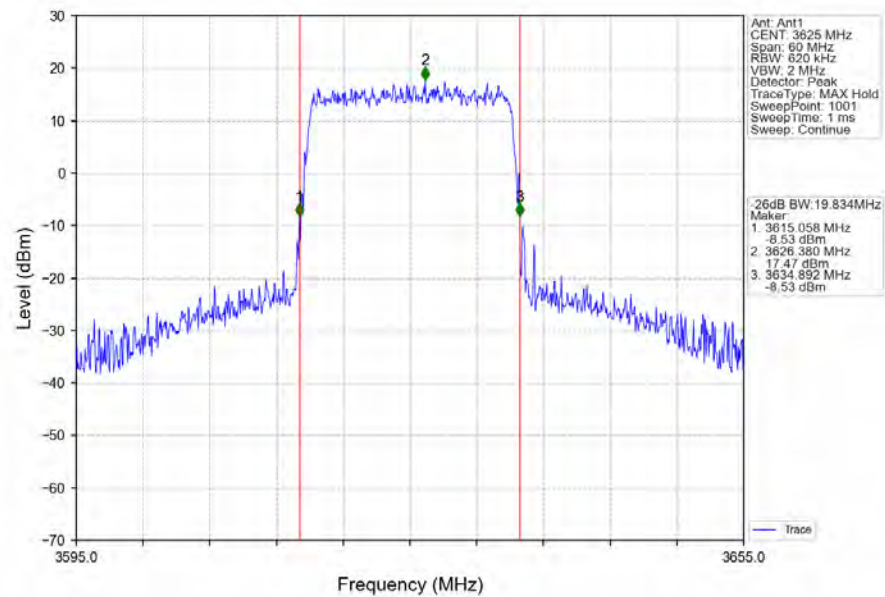
Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



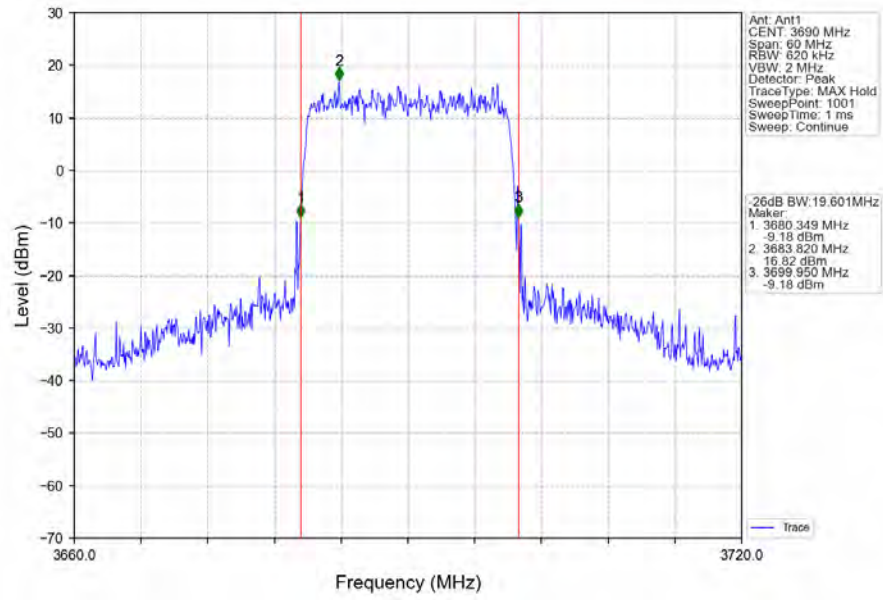
Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



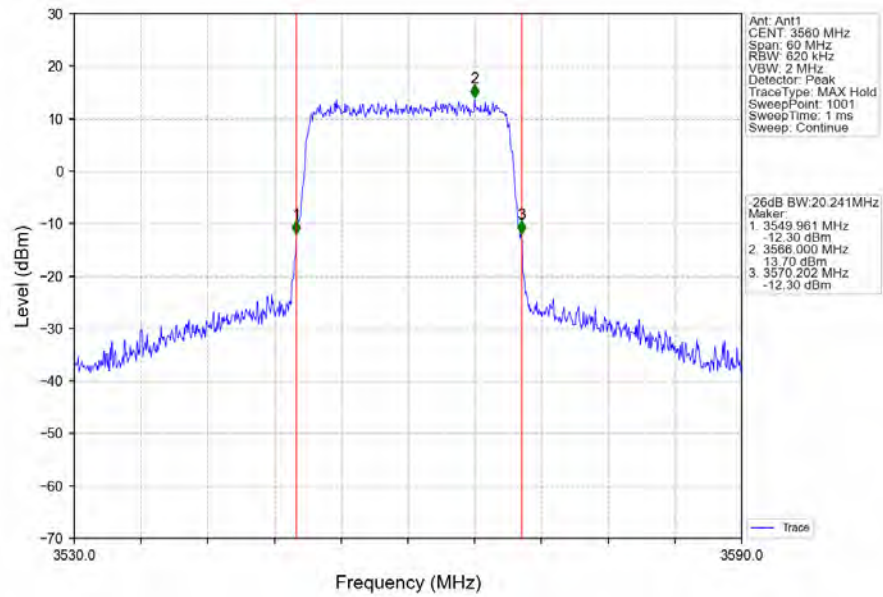
Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



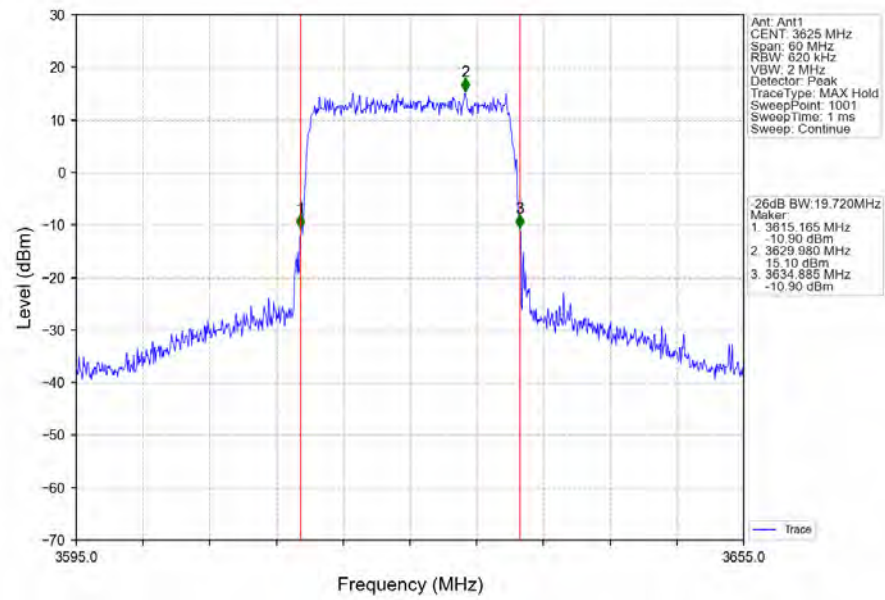
Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



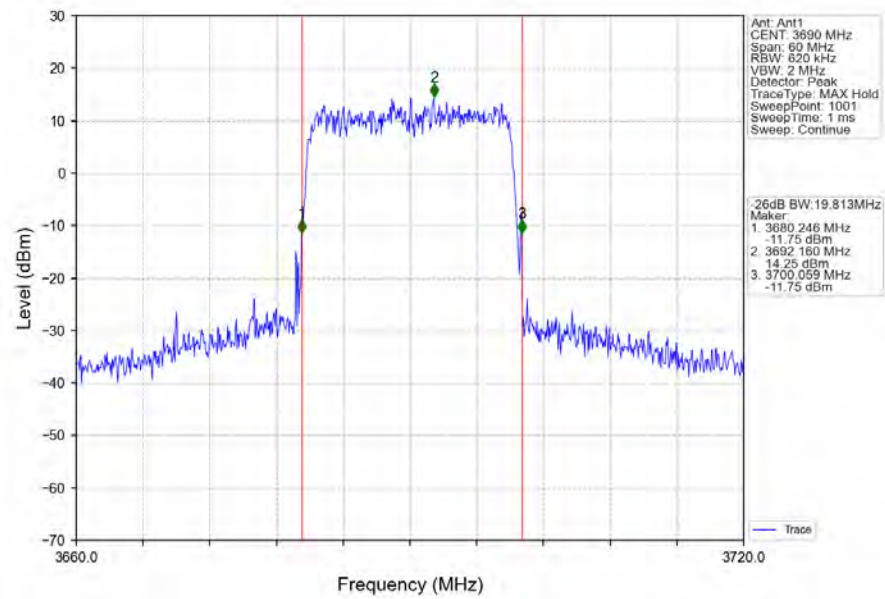
Band48_20MHz_256QAM_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_100_0_NTNV



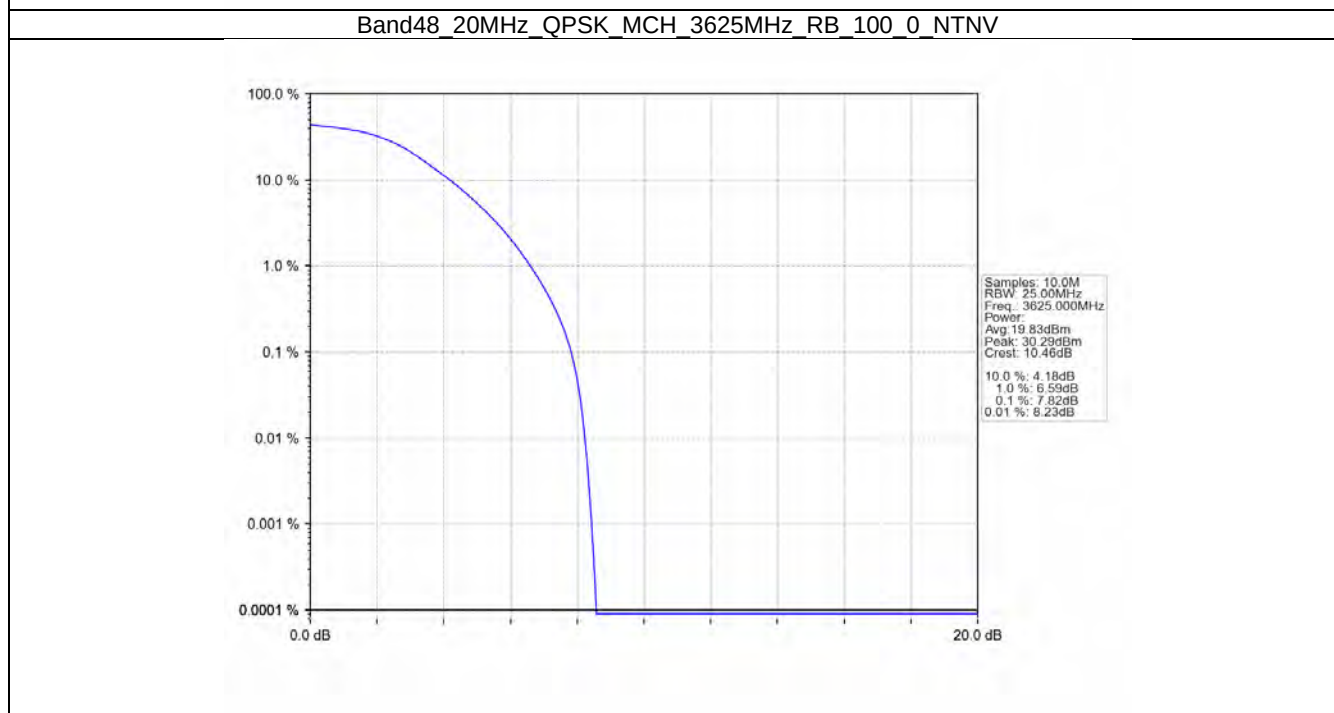
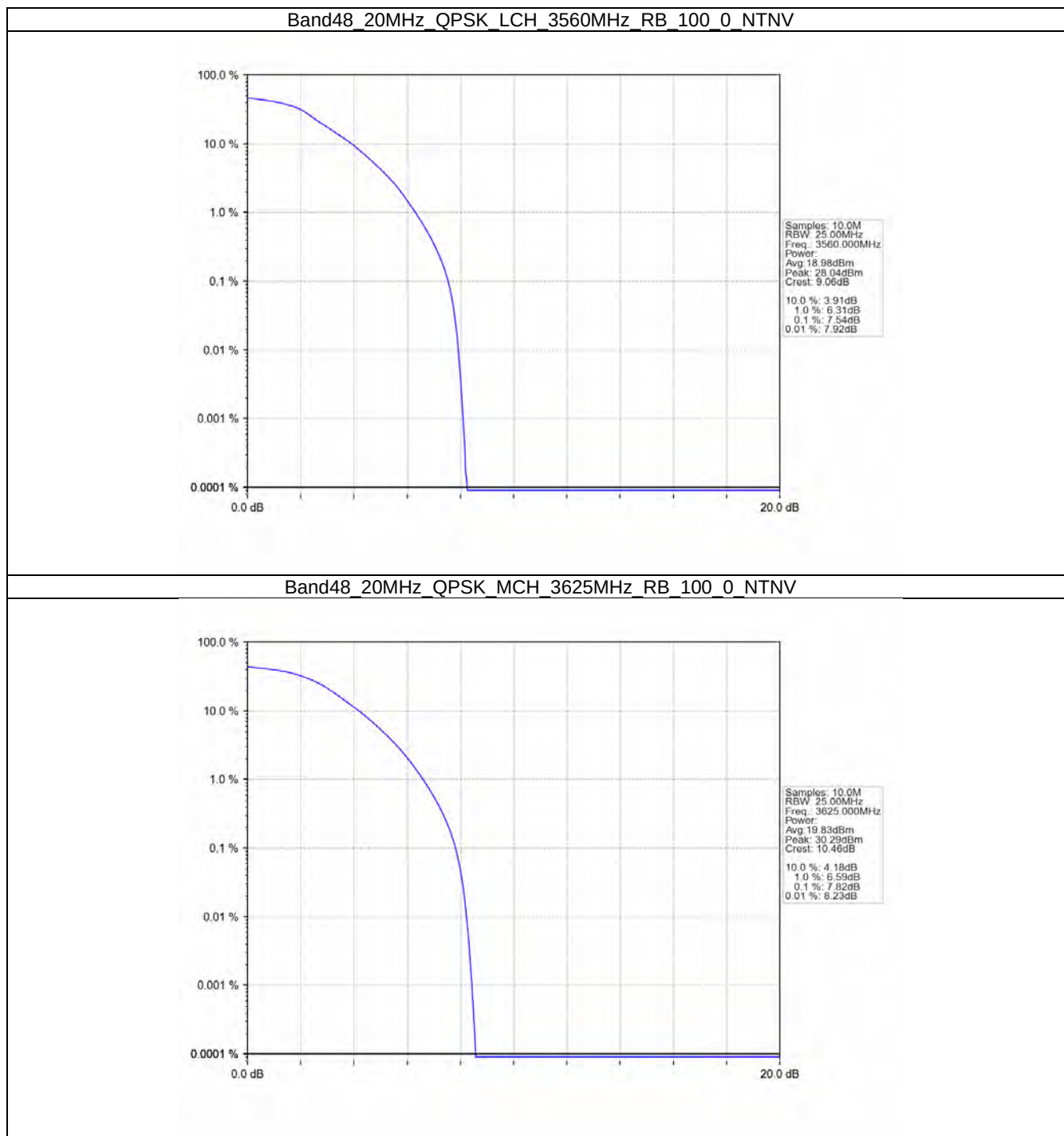
4. Peak-Average Ratio

4.1 B48_20MHz

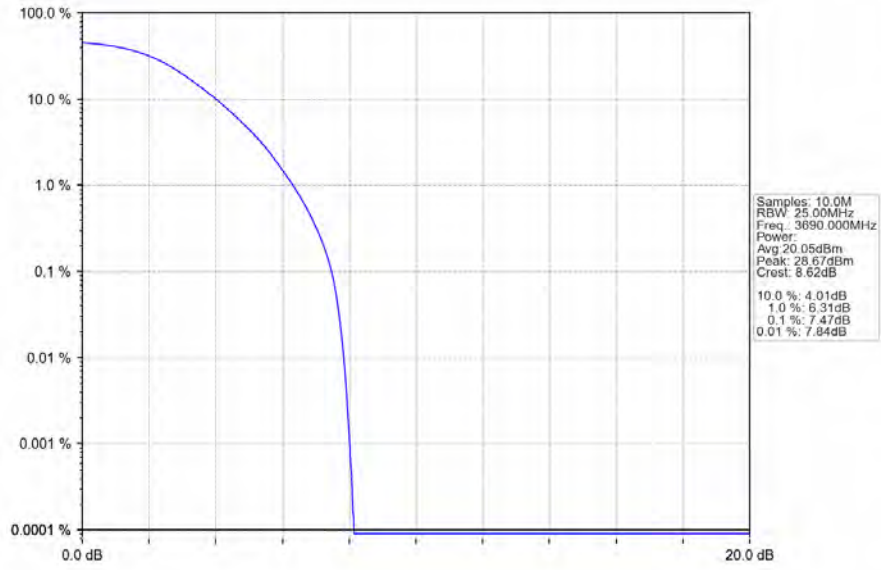
4.1.1 Test Result

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	100	0	7.54	<=13	Pass
	3625	100	0	7.82	<=13	Pass
	3690	100	0	7.47	<=13	Pass
16QAM	3560	100	0	8.30	<=13	Pass
	3625	100	0	8.44	<=13	Pass
	3690	100	0	8.15	<=13	Pass
64QAM	3560	100	0	8.83	<=13	Pass
	3625	100	0	8.77	<=13	Pass
	3690	100	0	8.45	<=13	Pass
256QAM	3560	100	0	8.73	<=13	Pass
	3625	100	0	8.70	<=13	Pass
	3690	100	0	8.86	<=13	Pass

4.1.2 Test Graph



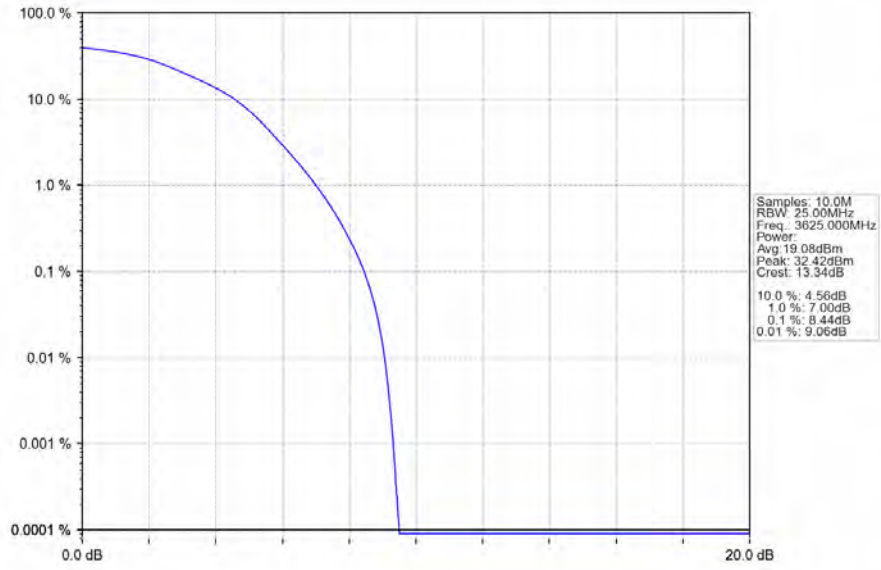
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTV



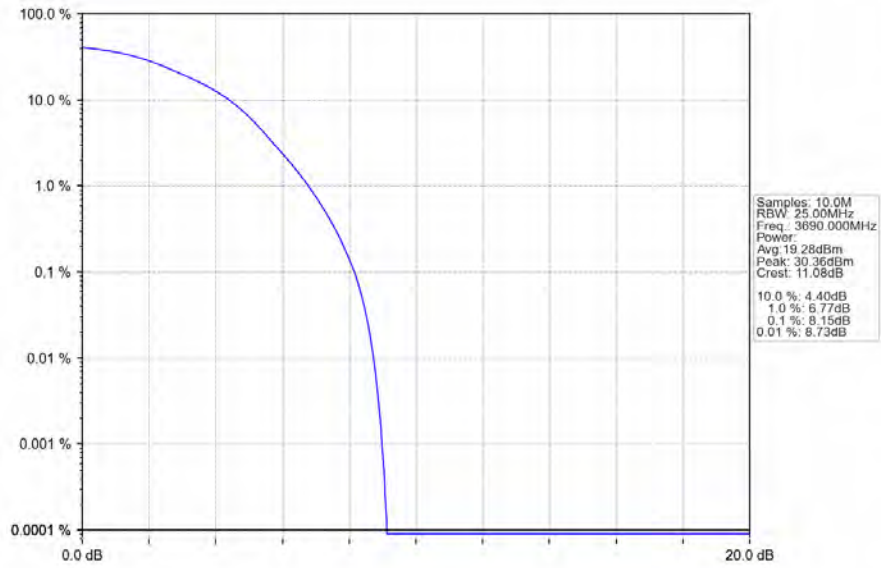
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTV



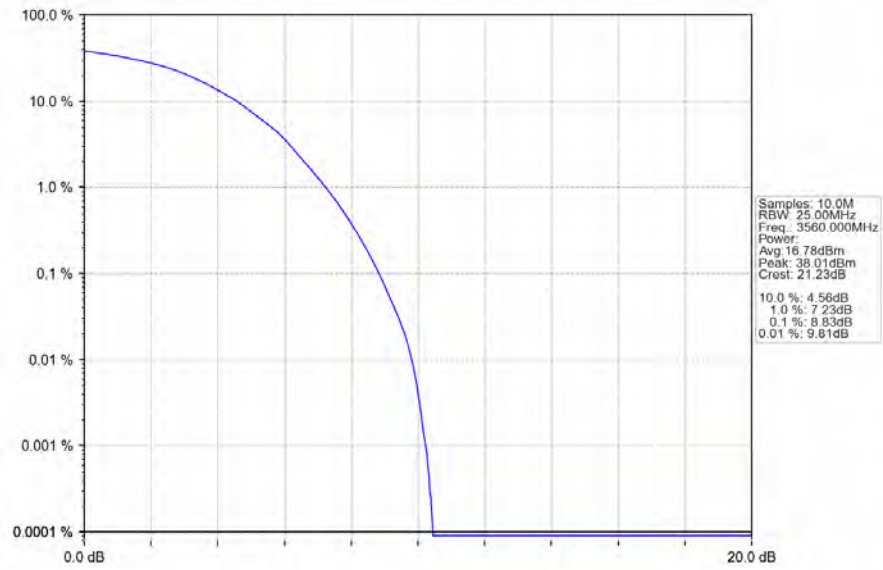
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



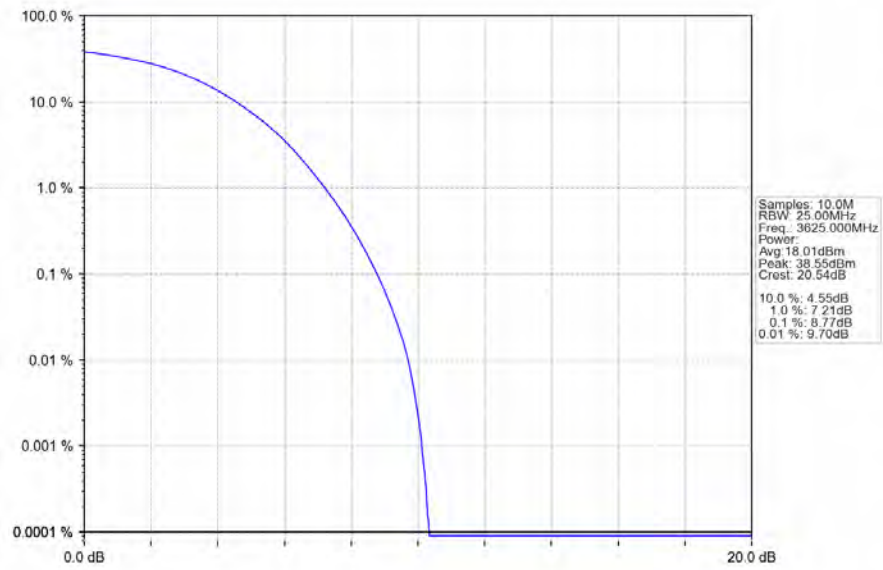
Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



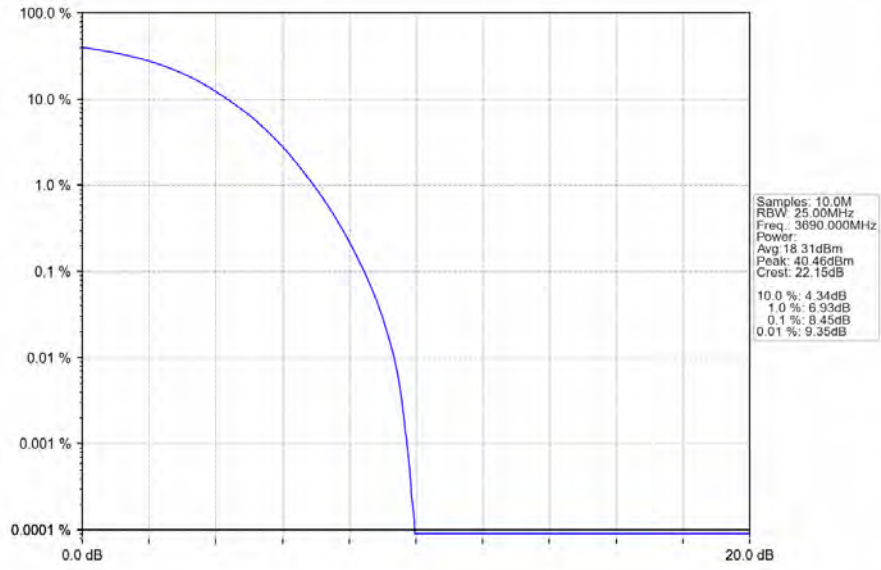
Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



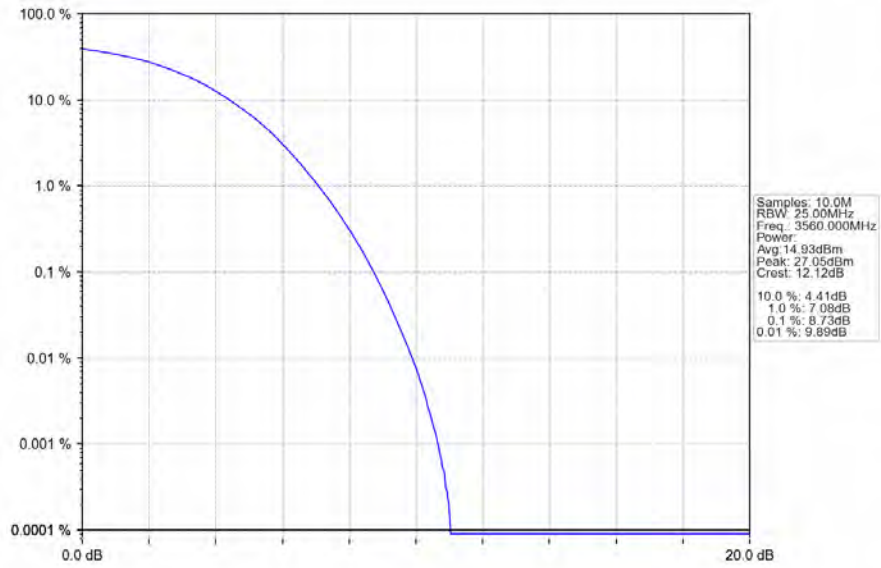
Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



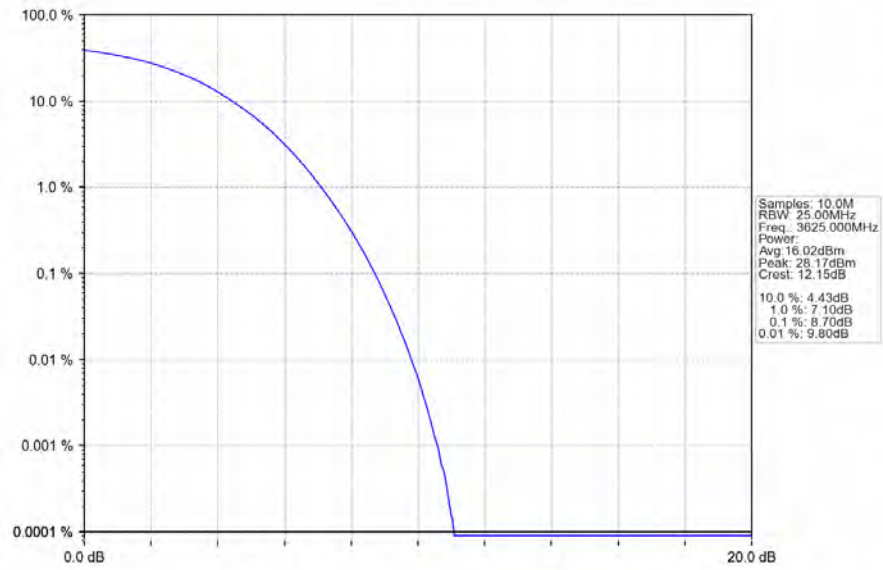
Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



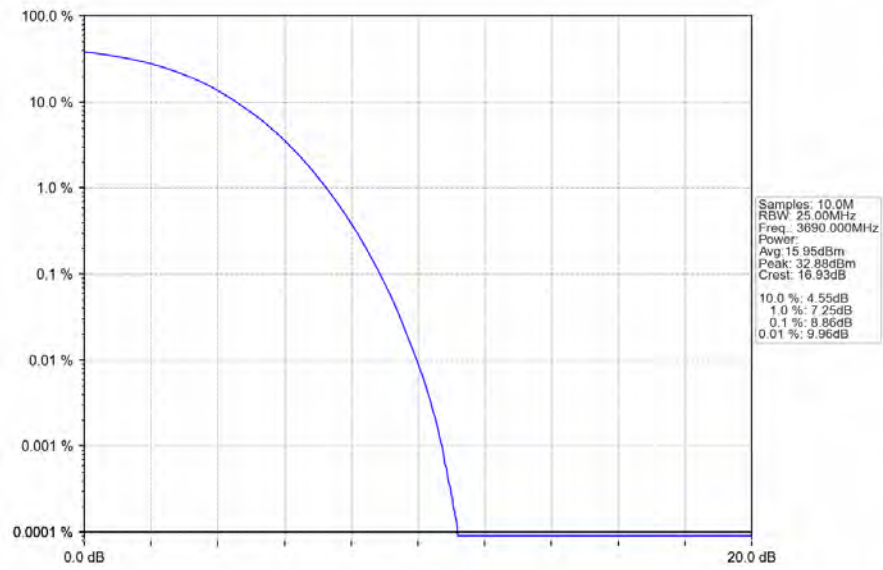
Band48_20MHz_256QAM_LCH_3560MHz_RB_100_0_NTNV



Band48 20MHz 256QAM MCH 3625MHz RB 100 0 NTNV



Band48 20MHz 256QAM HCH 3690MHz RB 100 0 NTNV



5. Spurious Emission

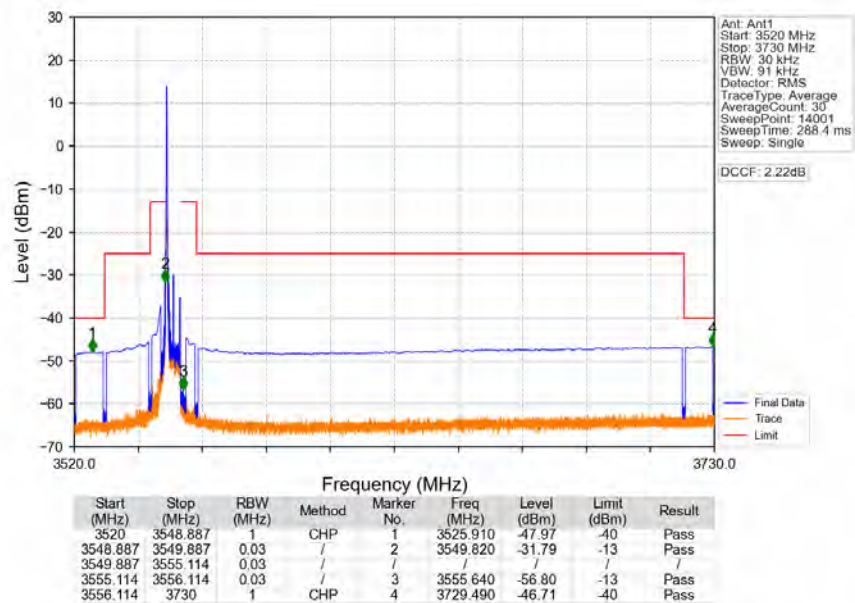
5.1 B48_5MHz

5.1.1 Test Result

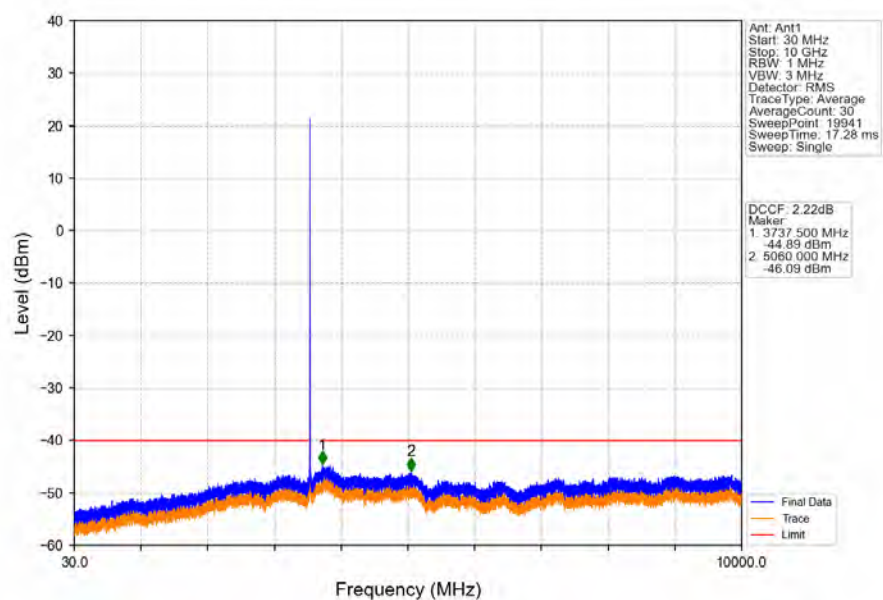
Band: 48 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To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

5.1.2 Test Graph

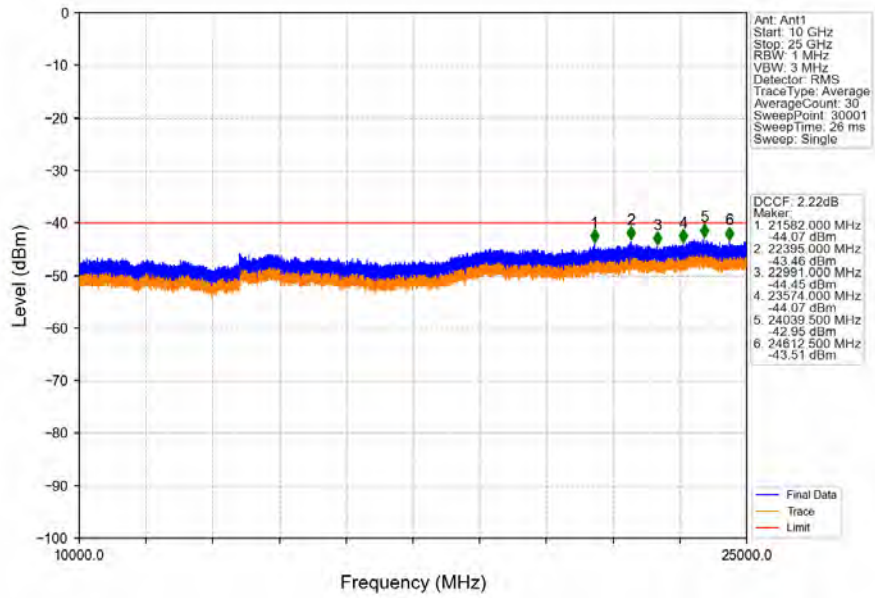
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



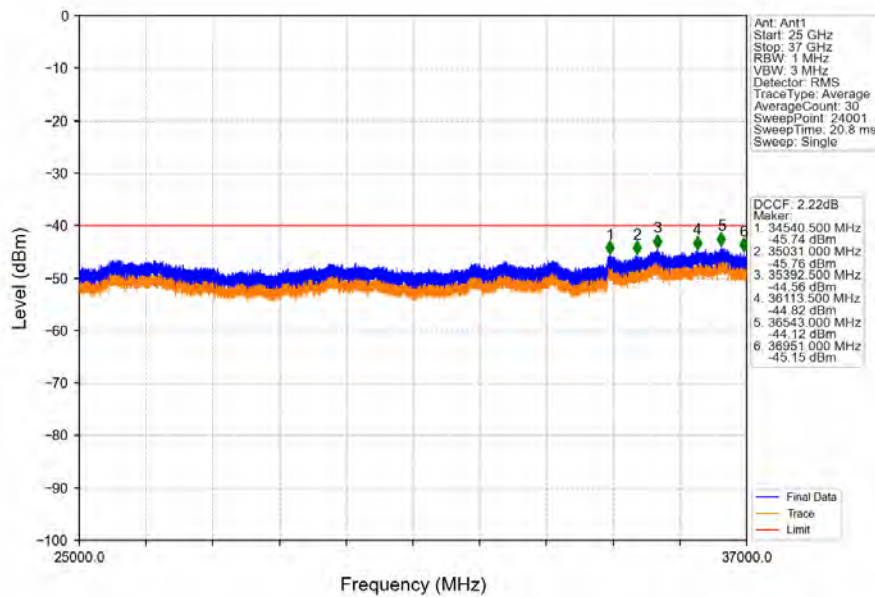
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



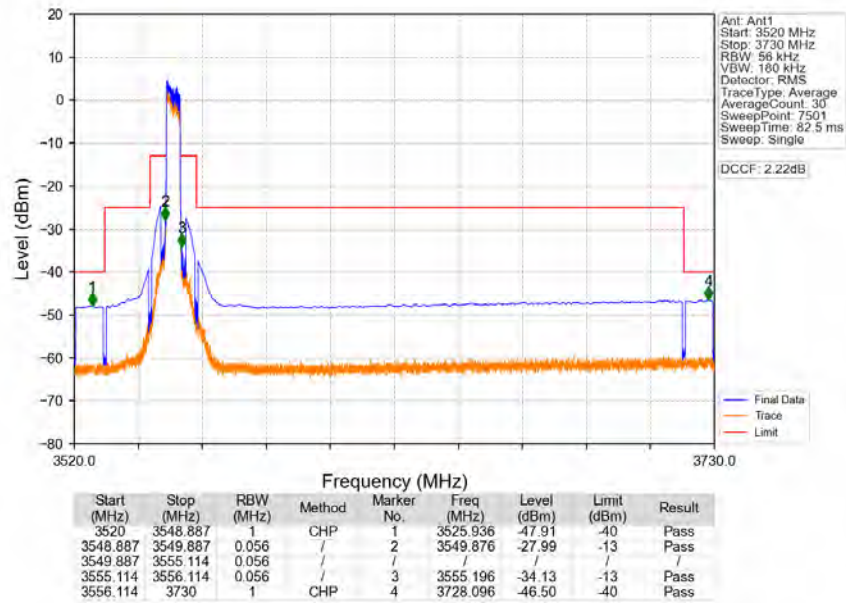
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



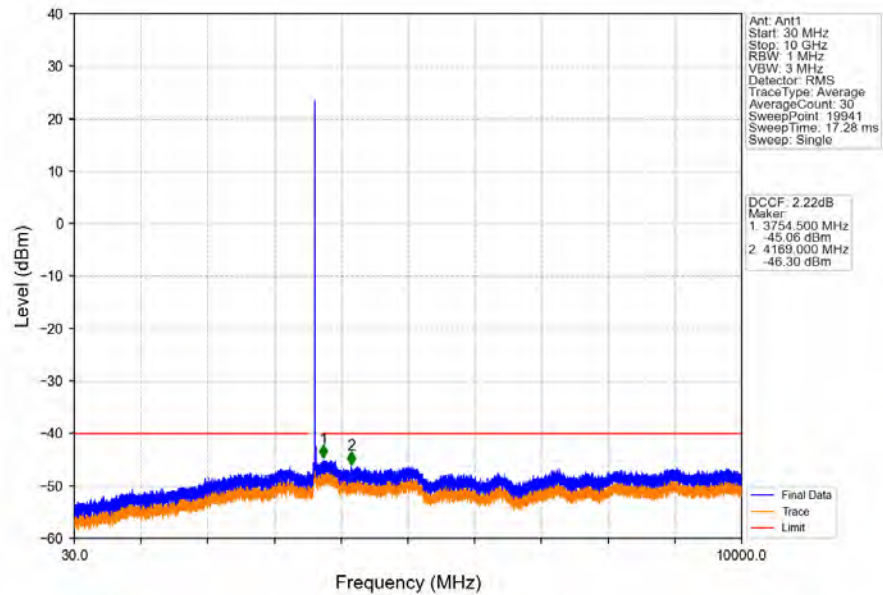
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



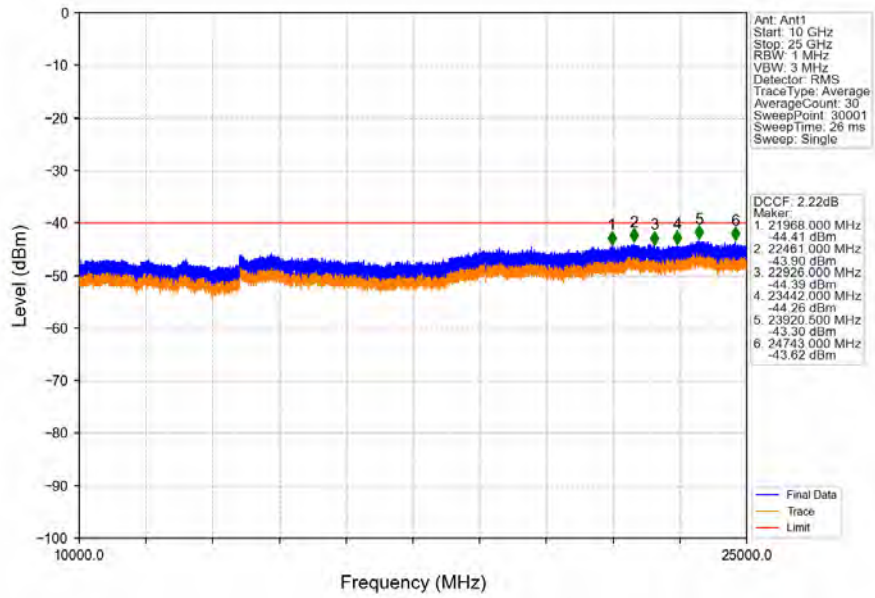
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



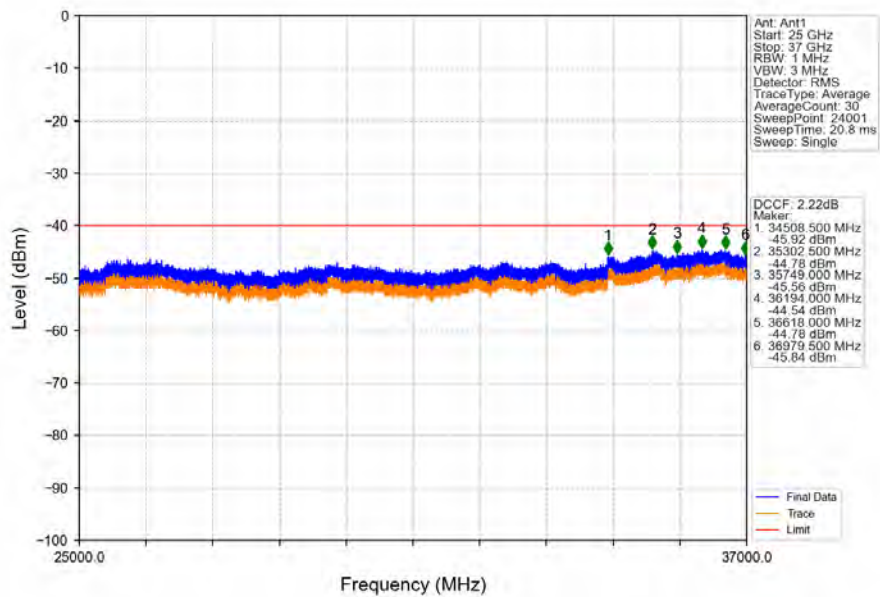
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



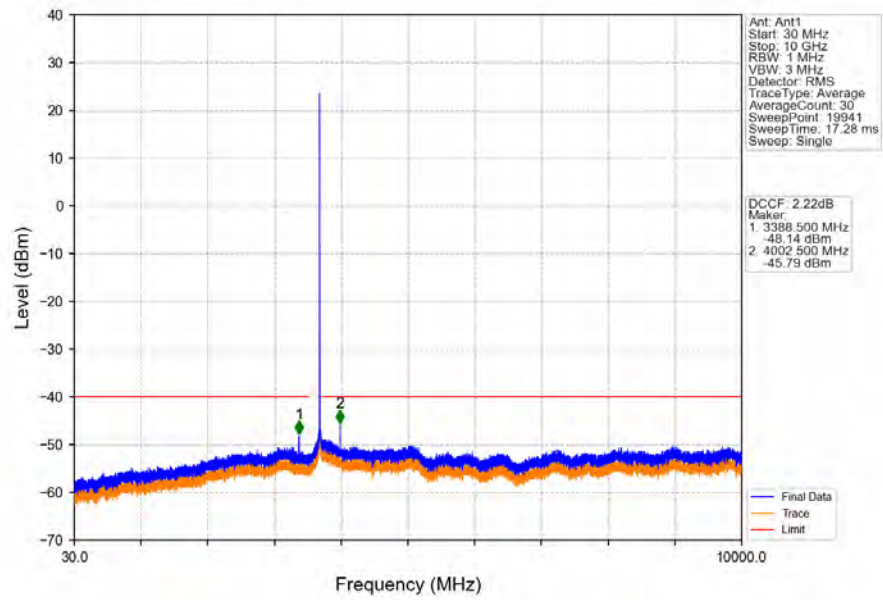
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTN



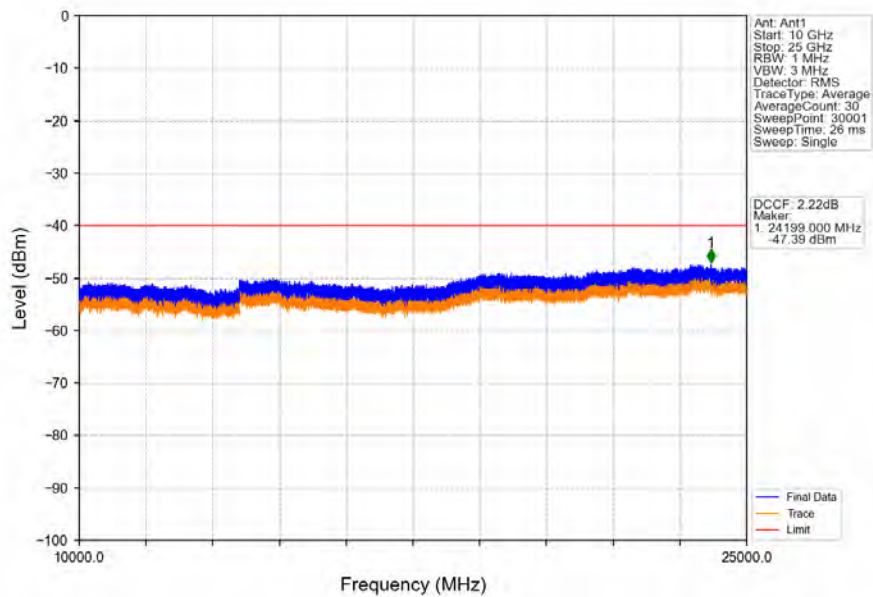
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTN



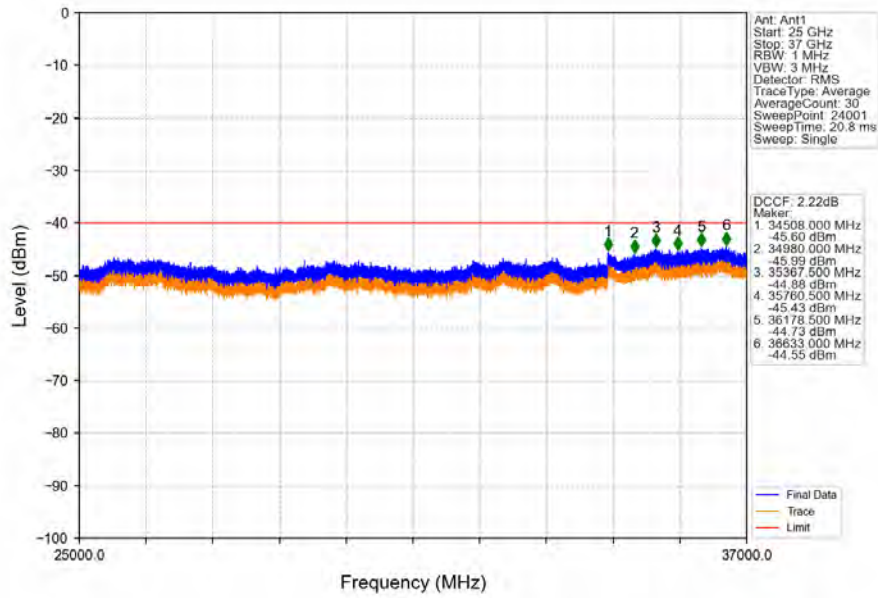
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



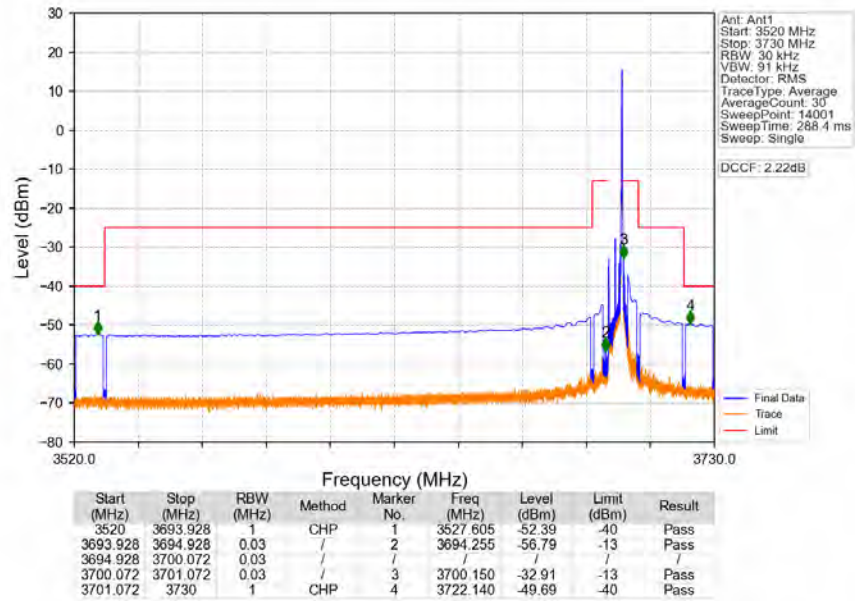
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



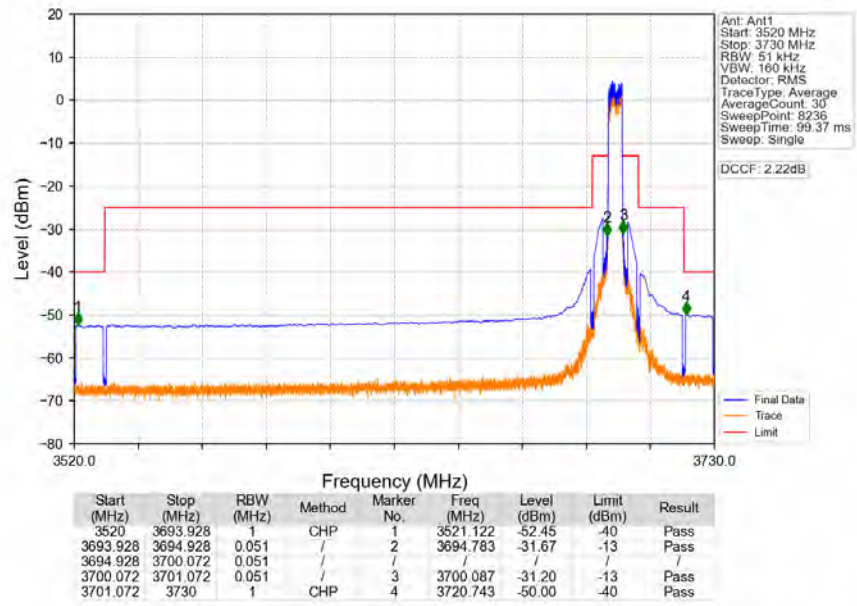
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_24_NTNV



Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV

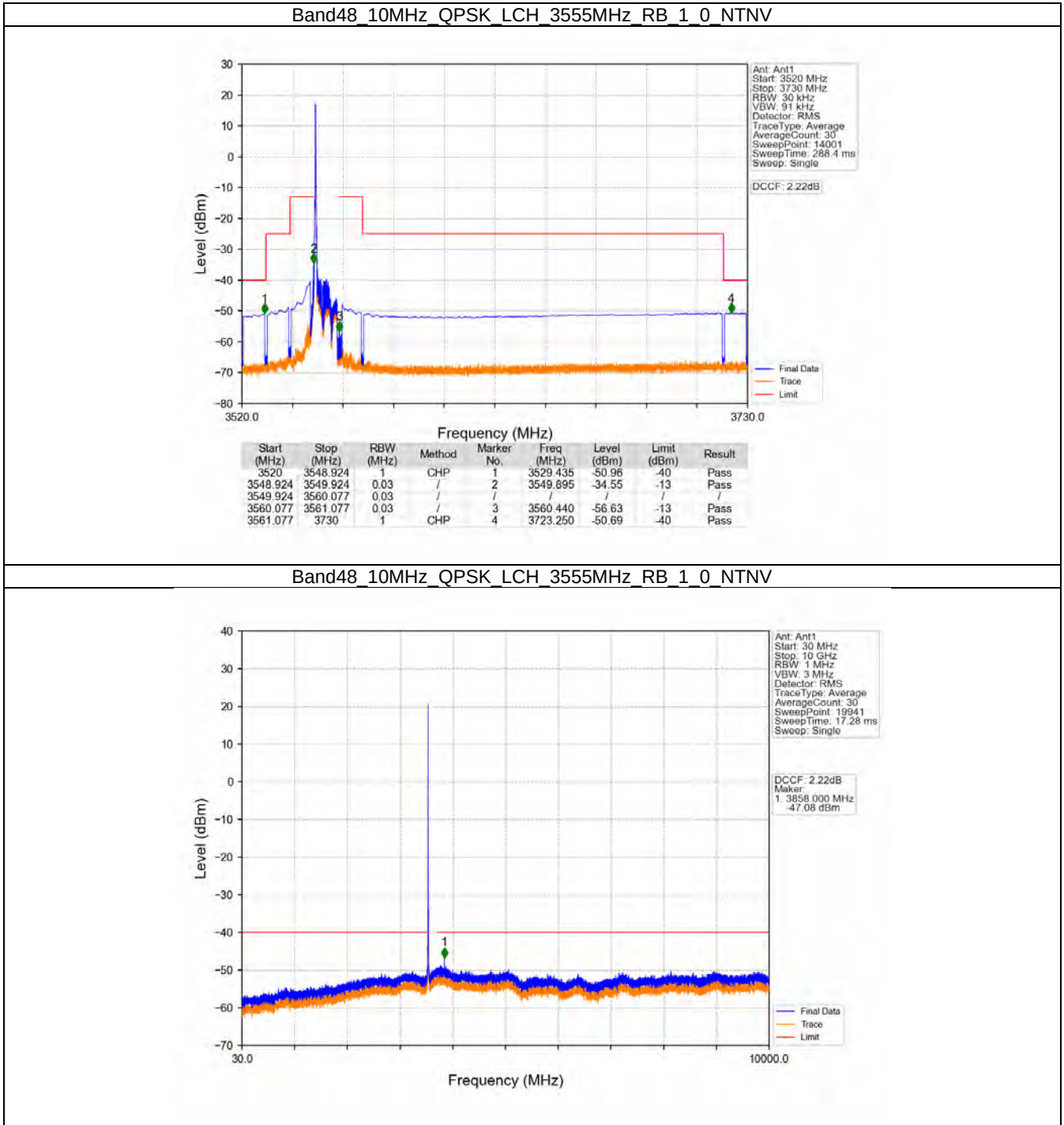


5.2 B48_10MHz

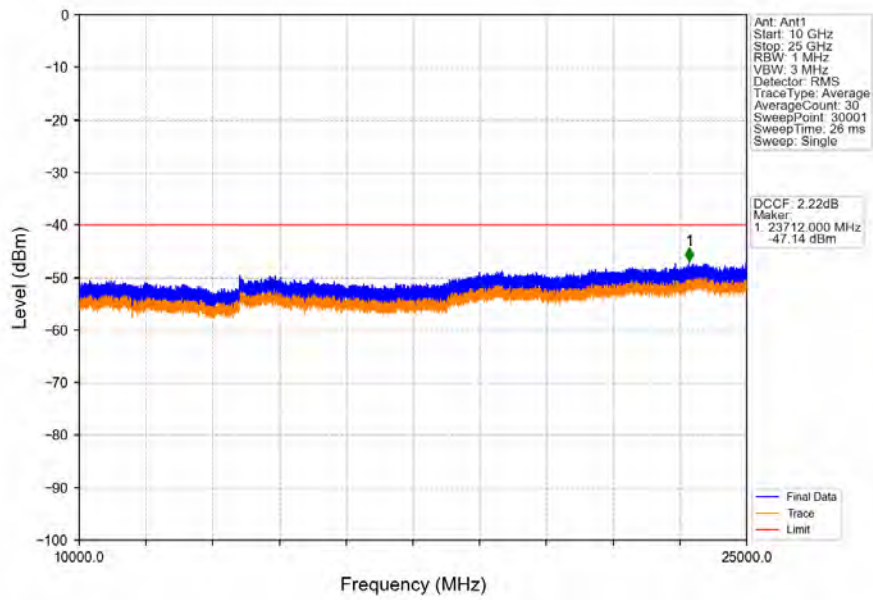
5.2.1 Test Result

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

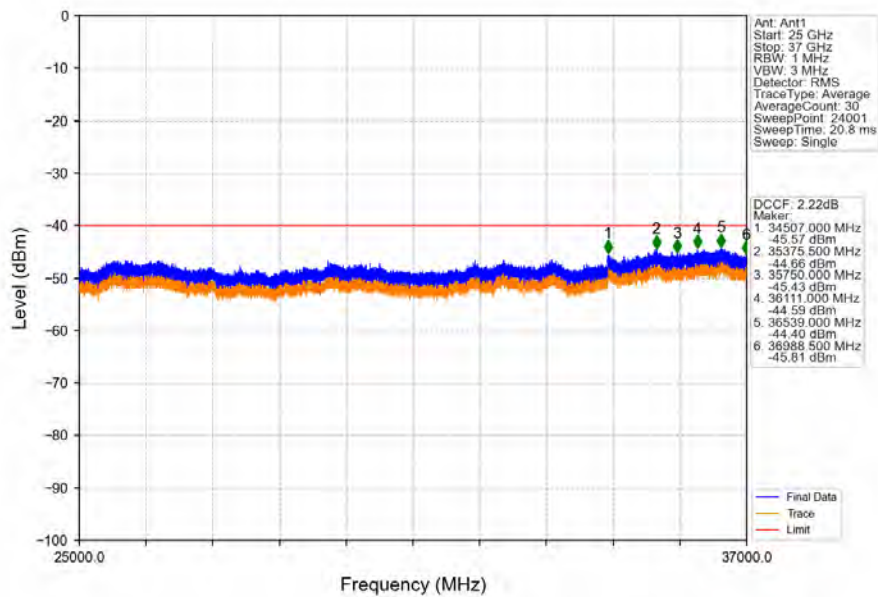
5.2.2 Test Graph



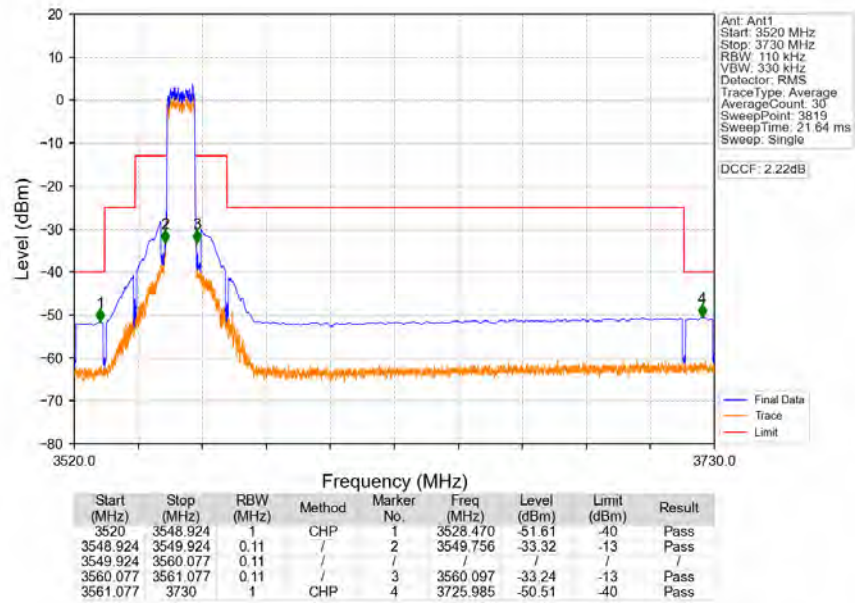
Band48 10MHz QPSK LCH 3555MHz RB 1 0 NTNV



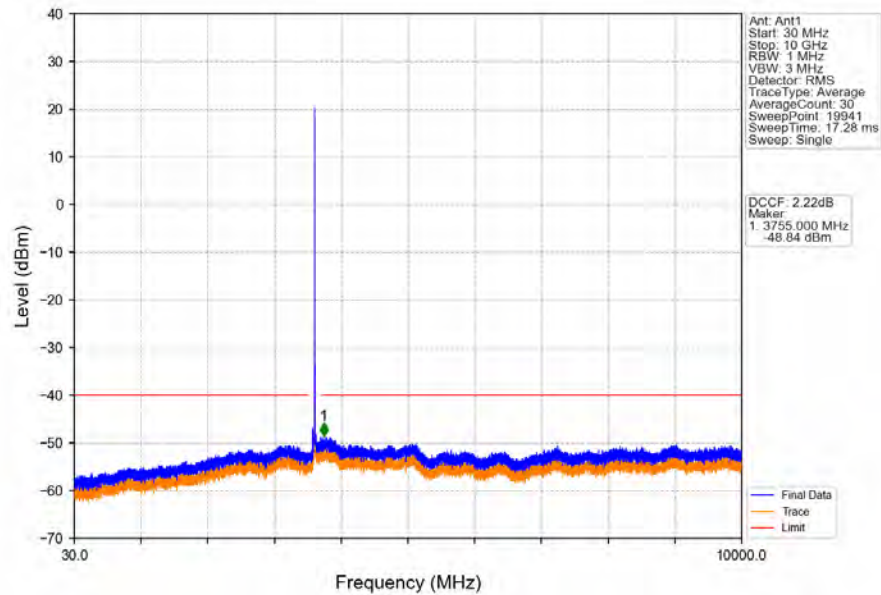
Band48 10MHz QPSK LCH 3555MHz RB 1 0 NTNV



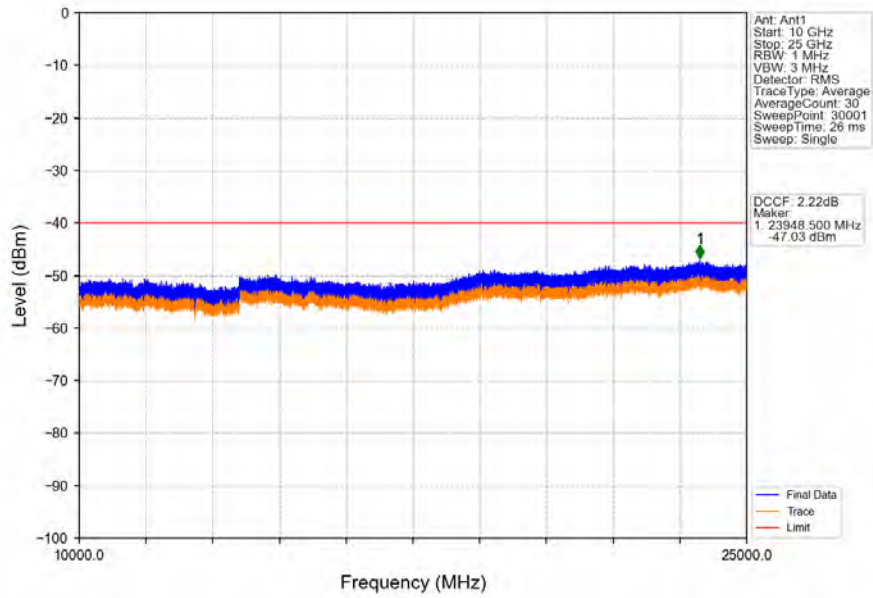
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



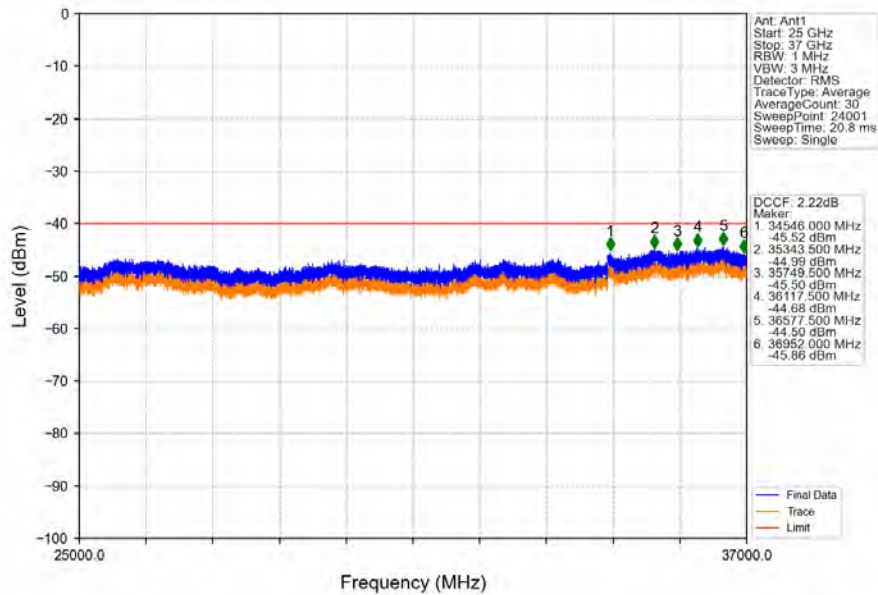
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



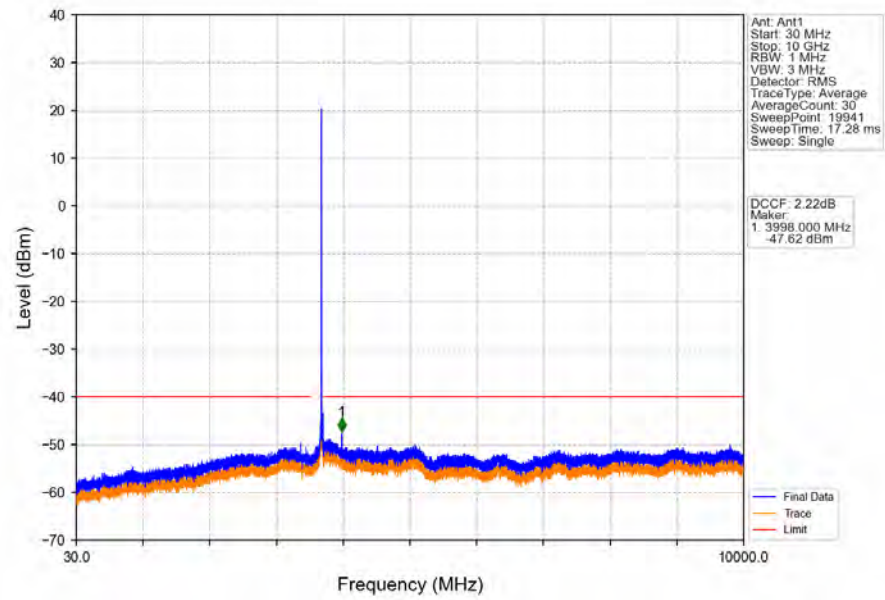
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



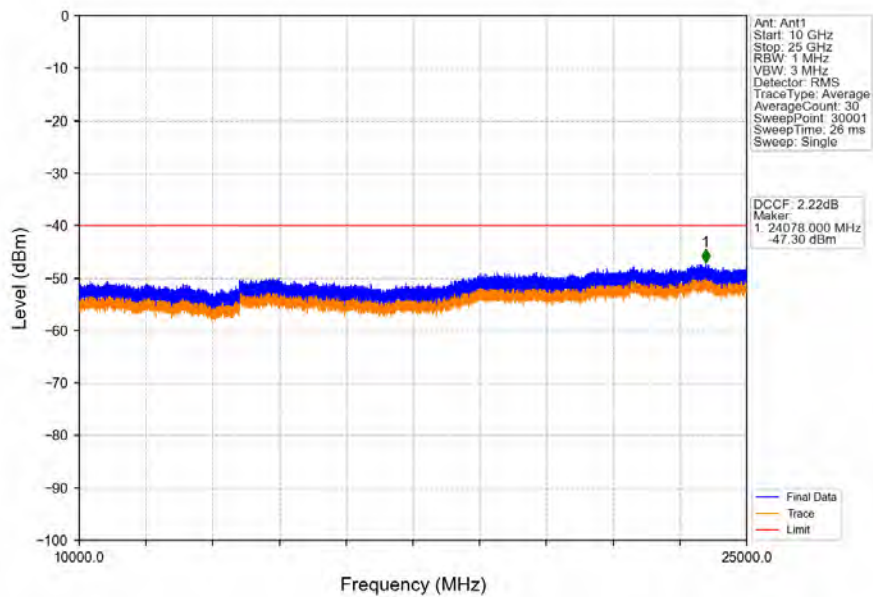
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



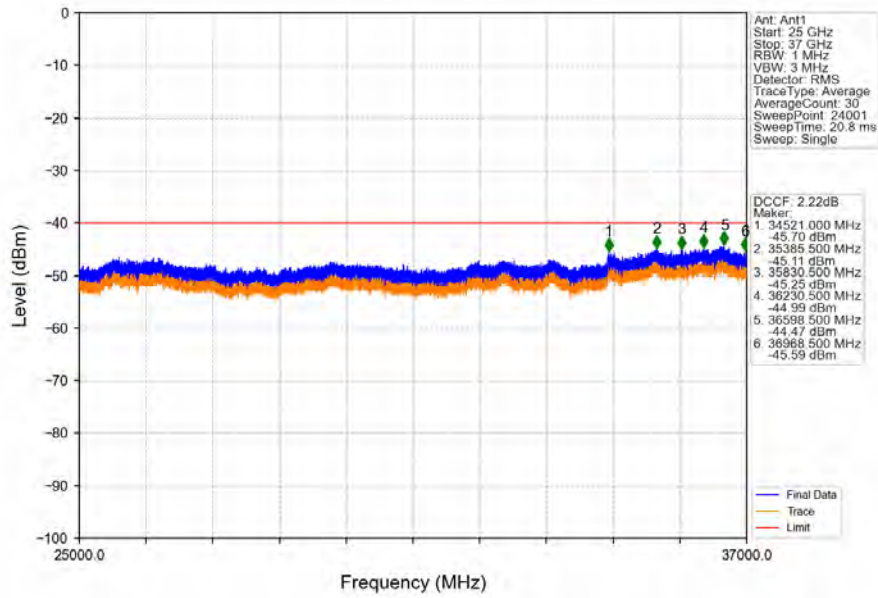
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



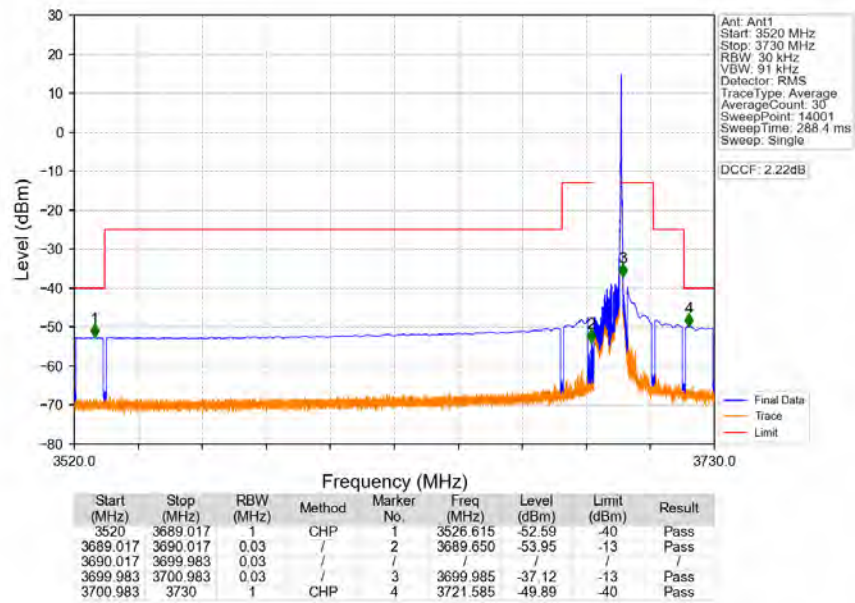
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



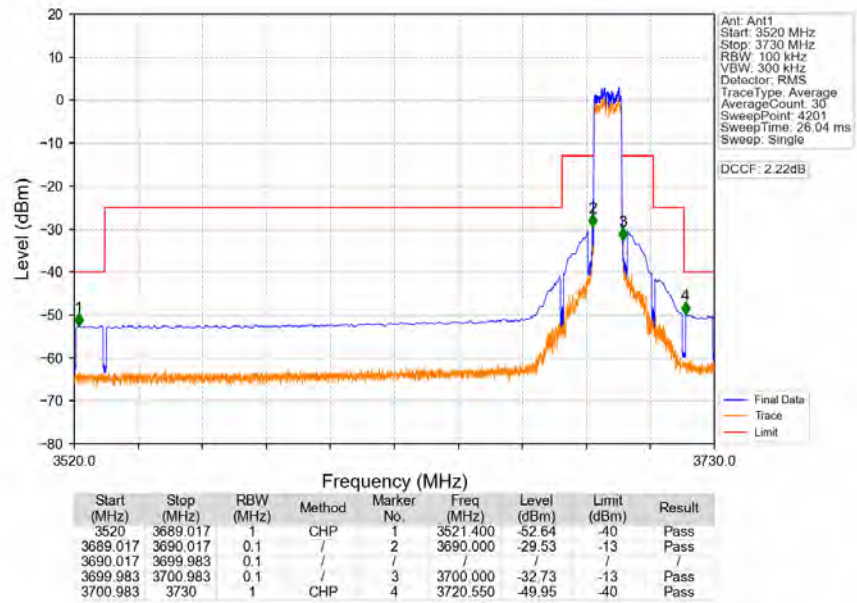
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



Band48_10MHz_QPSK_HCH_3695MHz_RB_1_49_NTNV



Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV

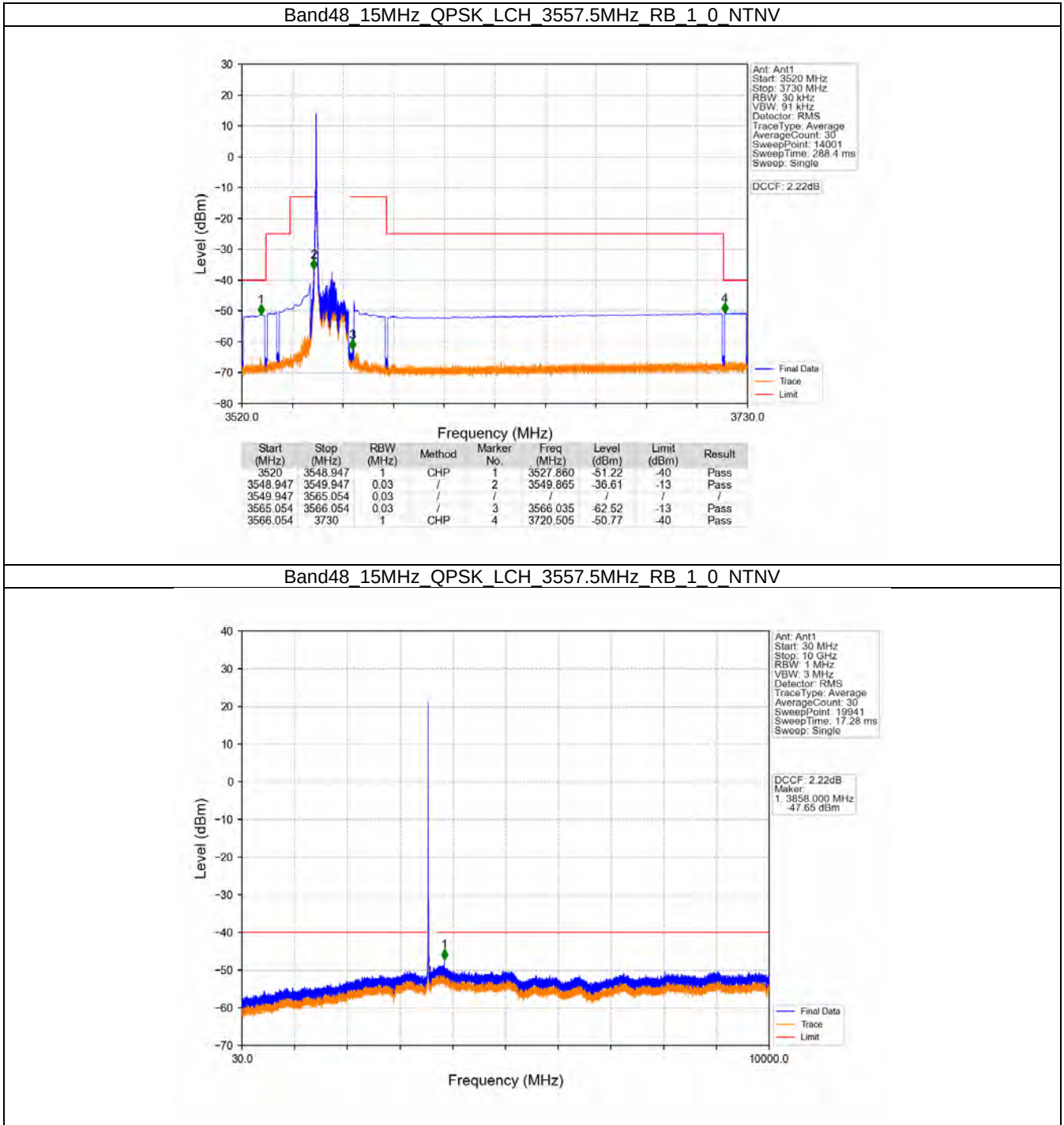


5.3 B48_15MHz

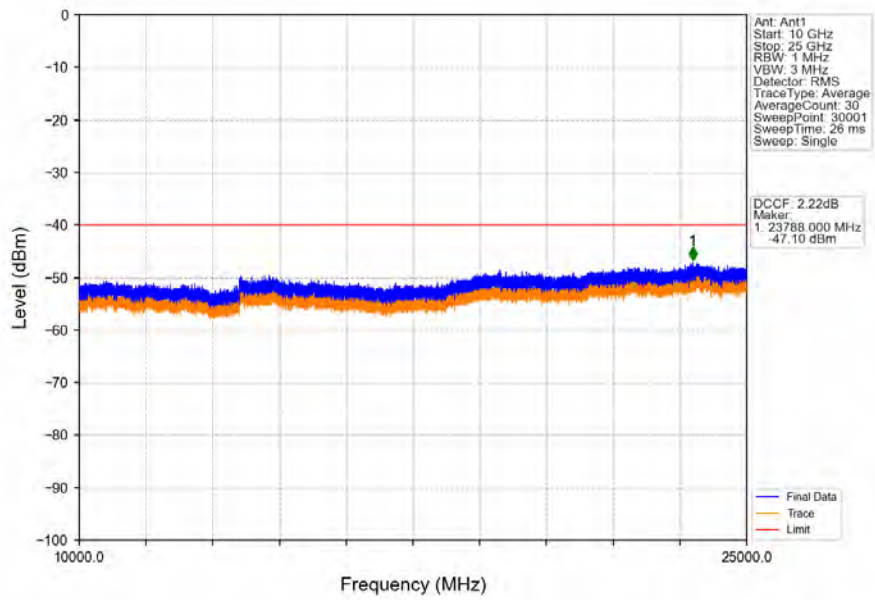
5.3.1 Test Result

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

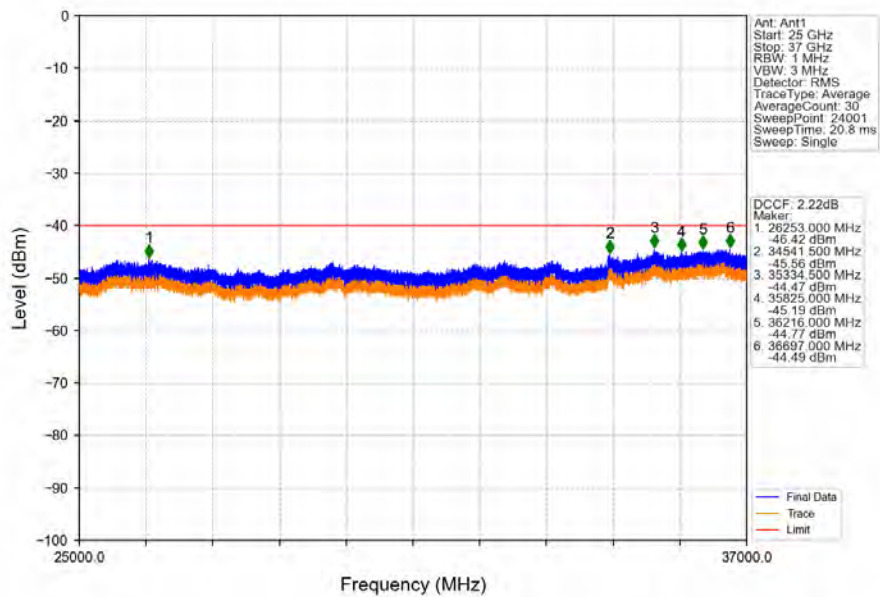
5.3.2 Test Graph



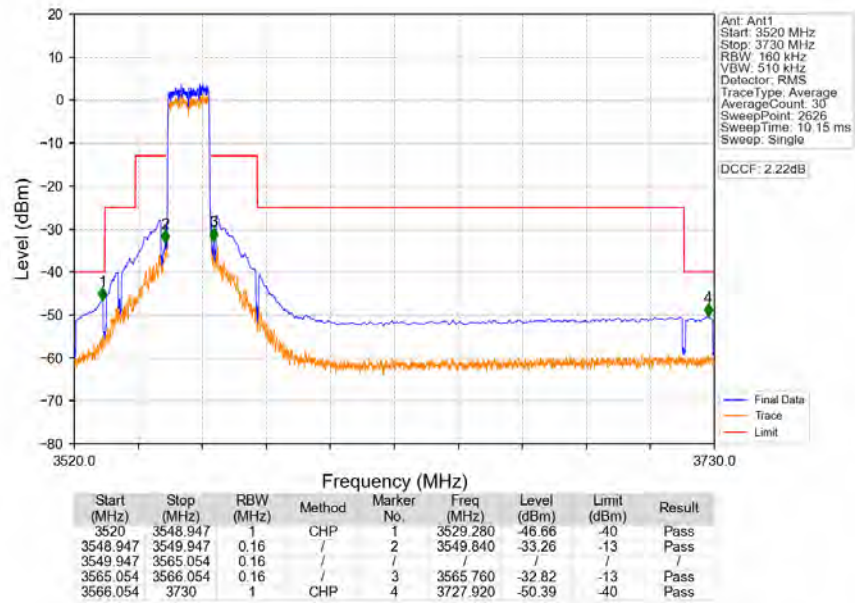
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV



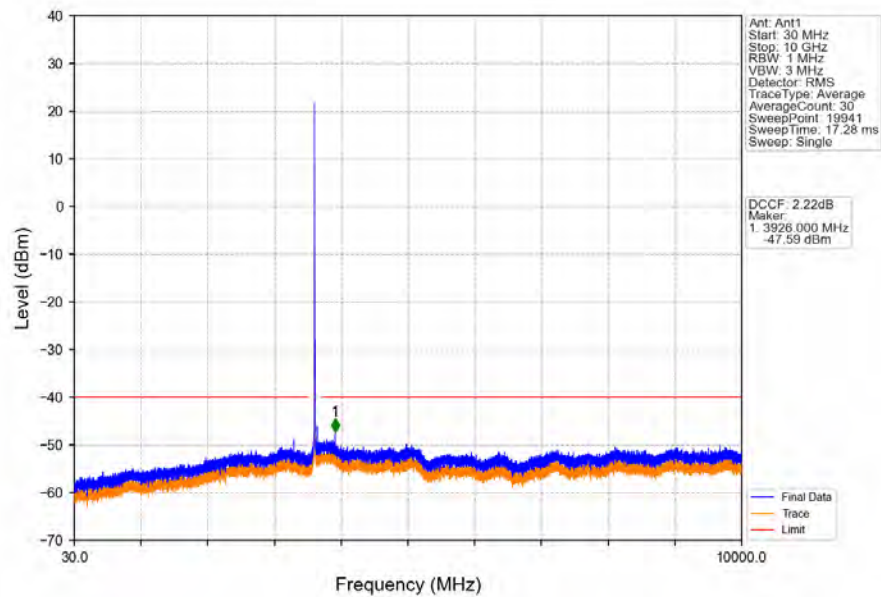
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV



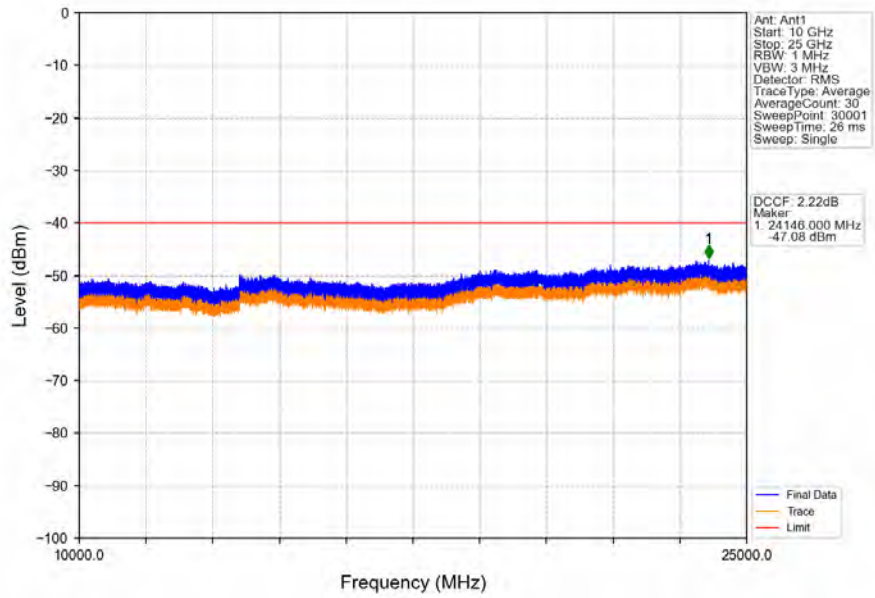
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTN



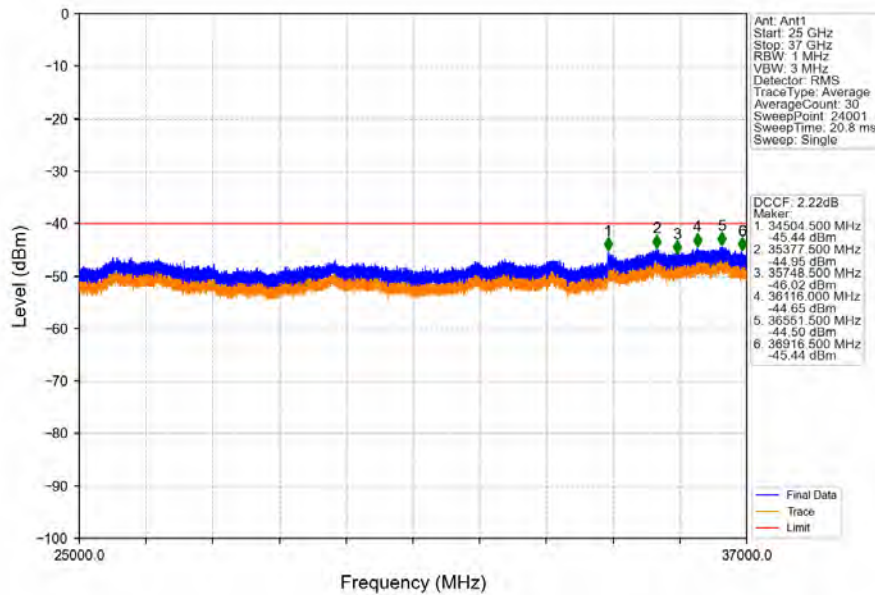
Band48 15MHz QPSK MCH 3625MHz RB 1 0 NTN



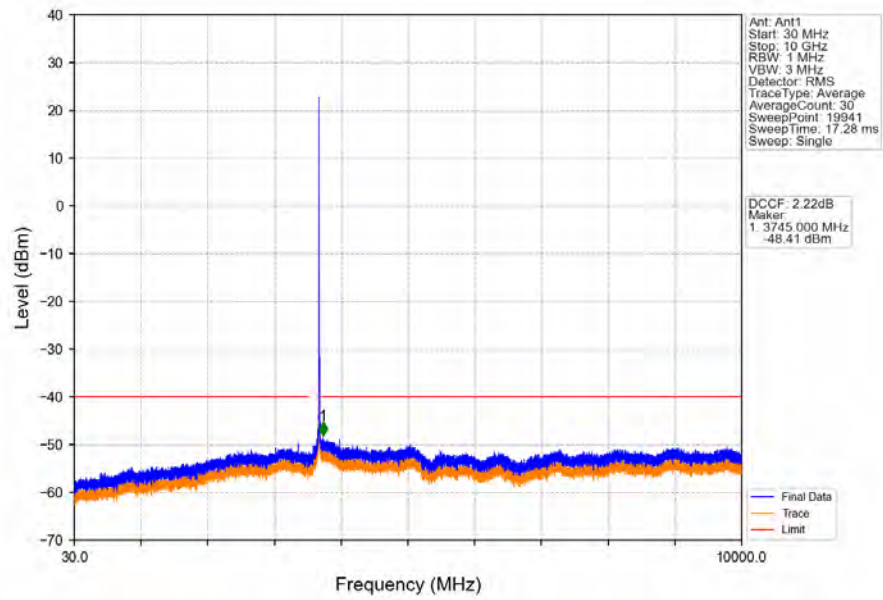
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



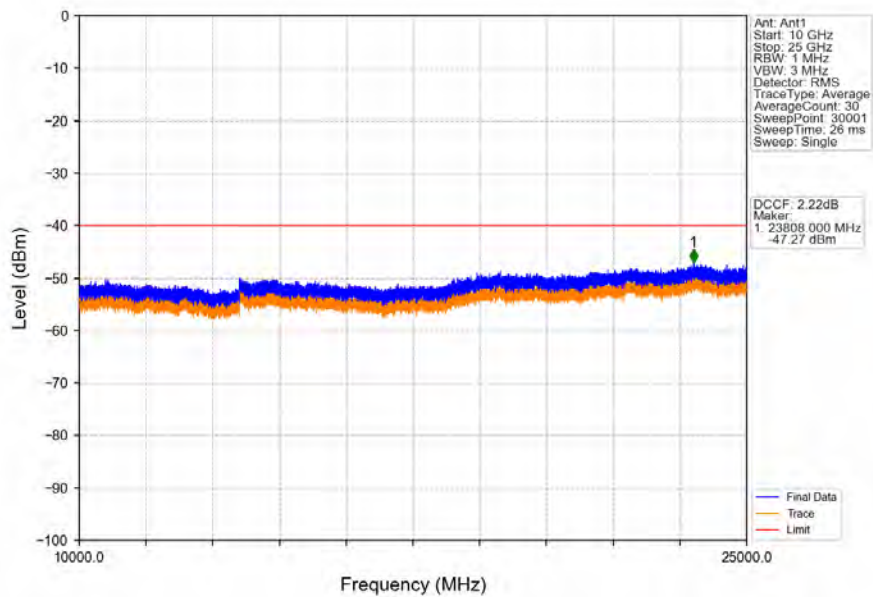
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



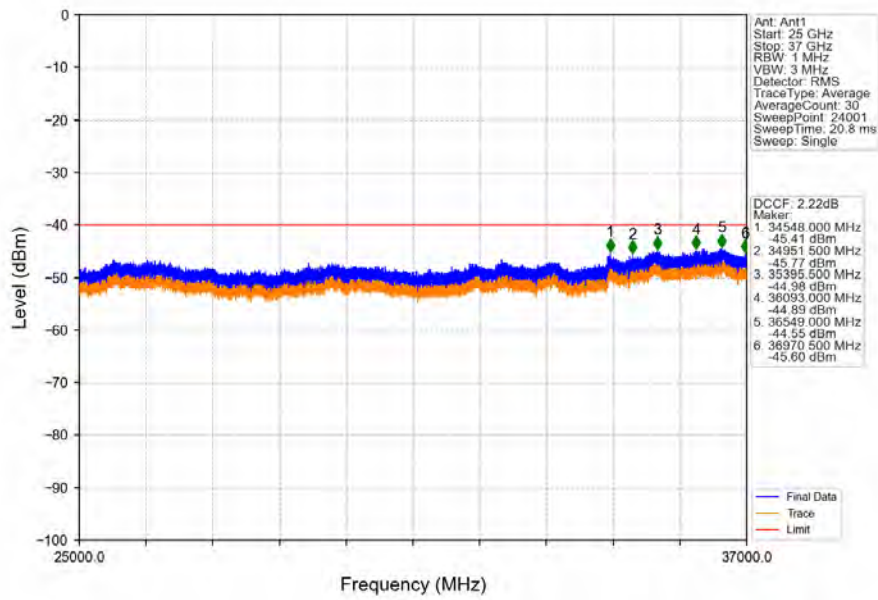
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



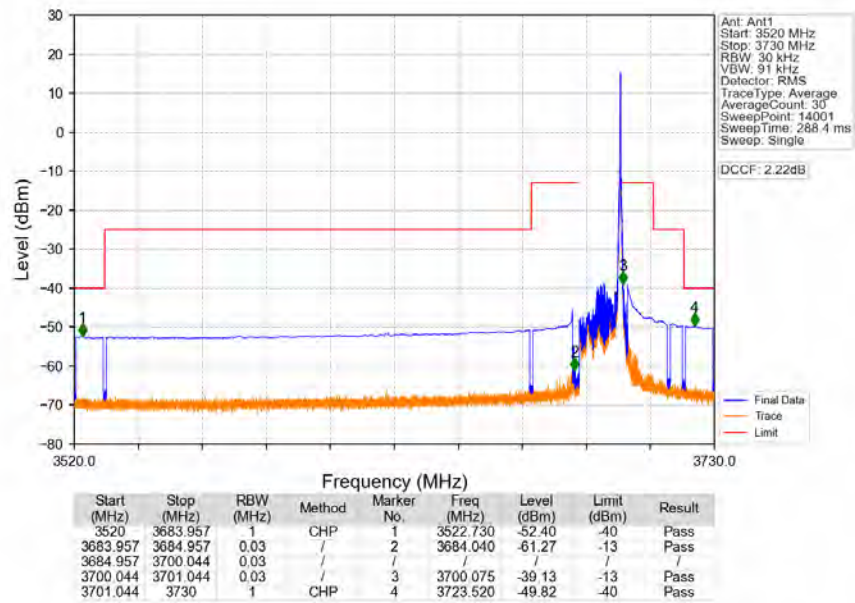
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



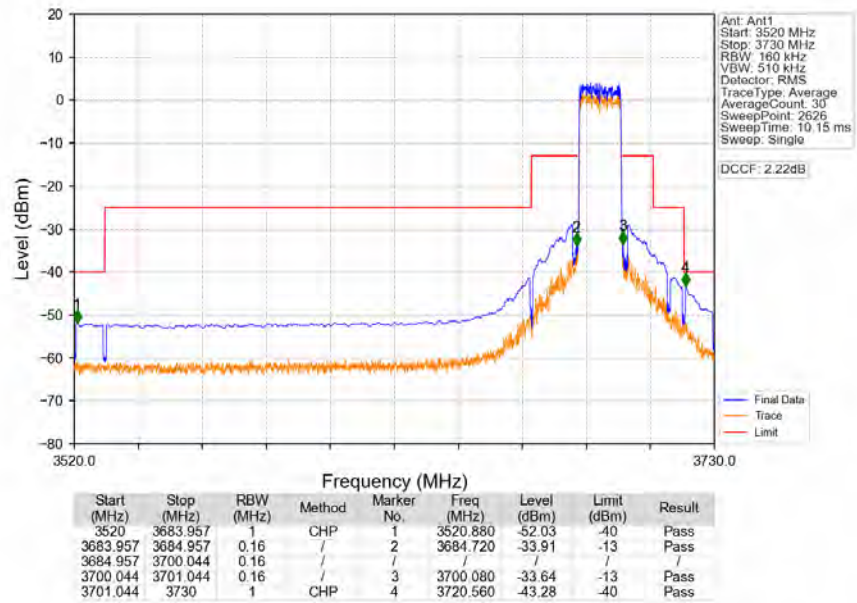
Band48 15MHz QPSK HCH 3692.5MHz RB 1 0 NTNV



Band48 15MHz QPSK HCH 3692.5MHz RB 1 74 NTNV



Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTNv

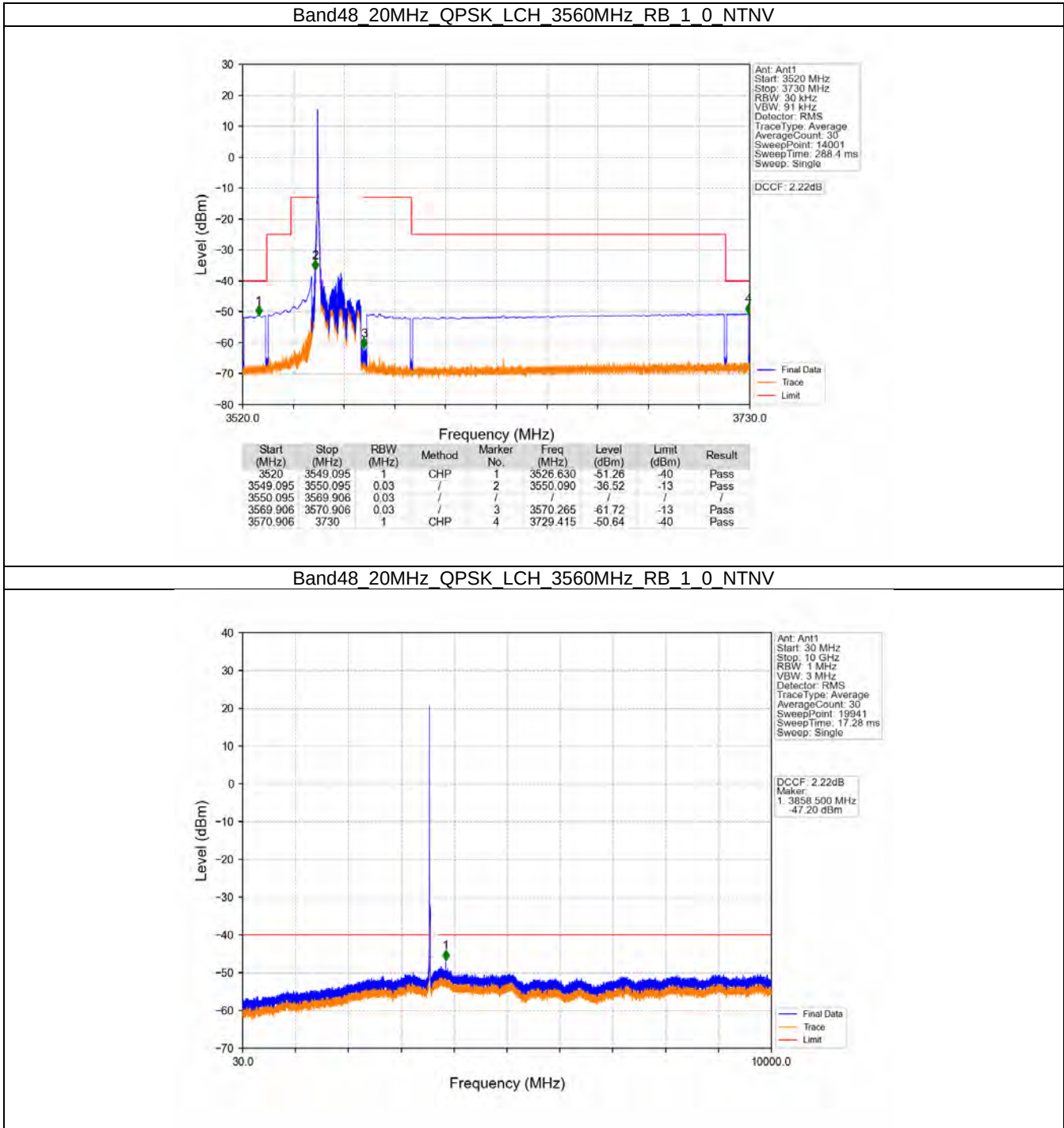


5.4 B48_20MHz

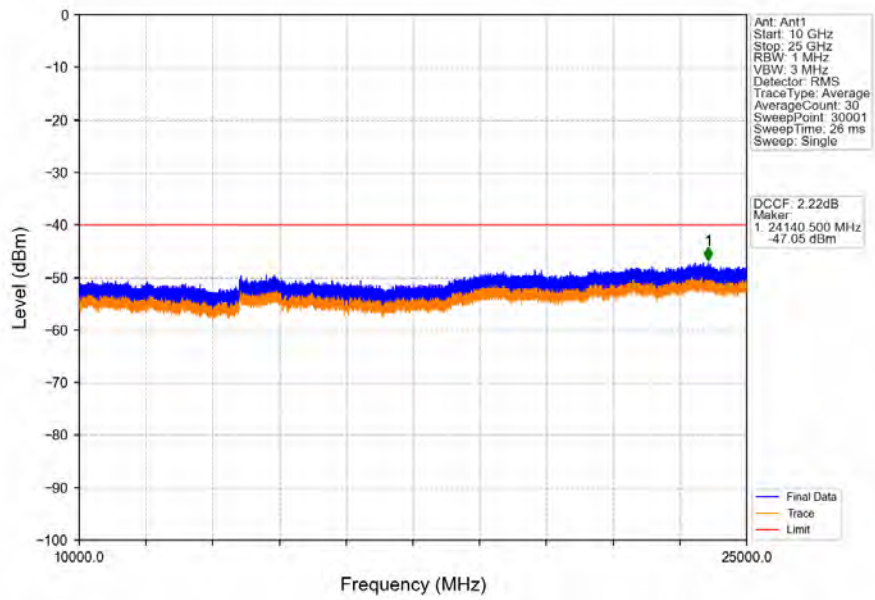
5.4.1 Test Result

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

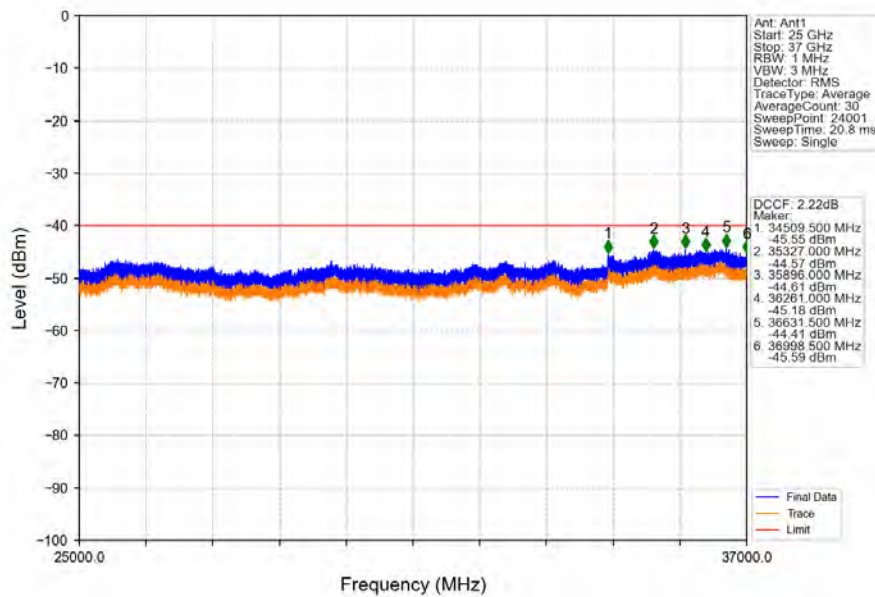
5.4.2 Test Graph



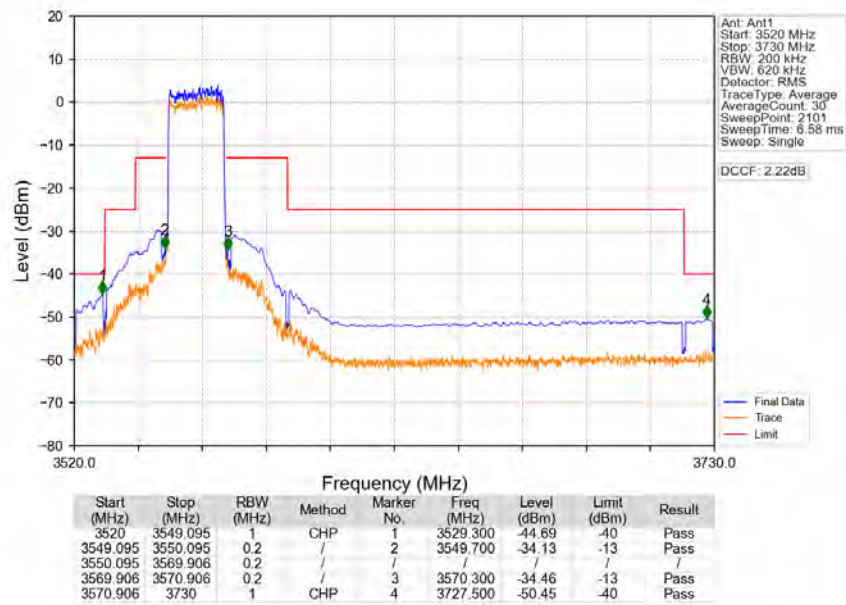
Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTNV



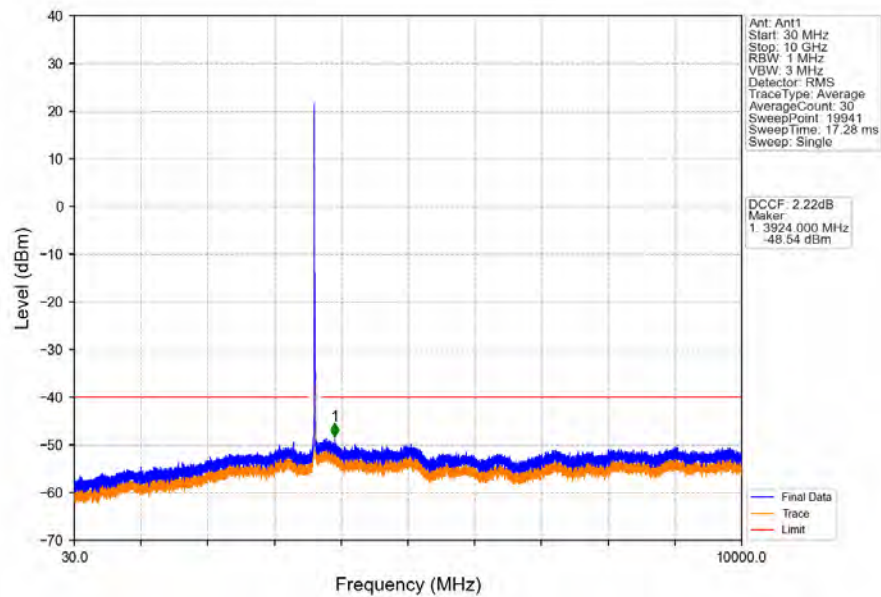
Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTNV



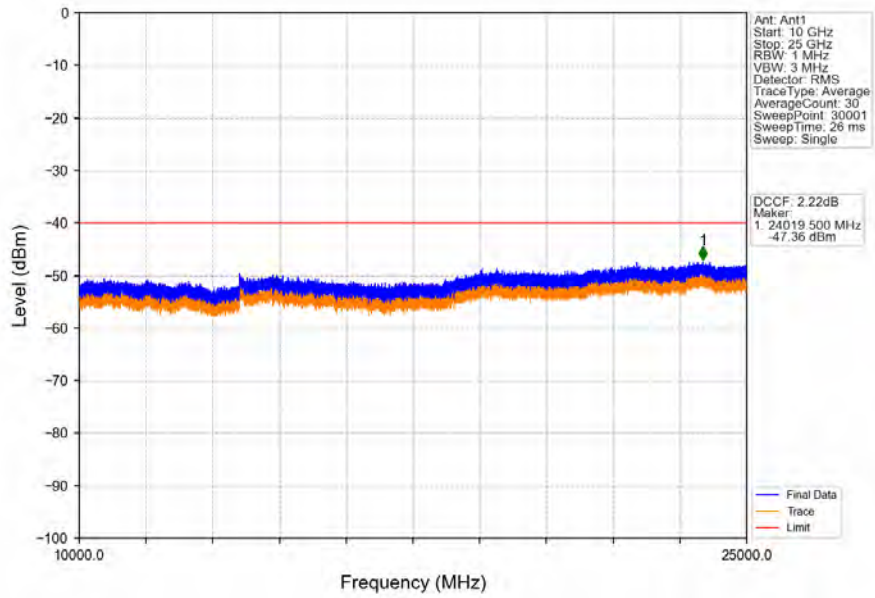
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



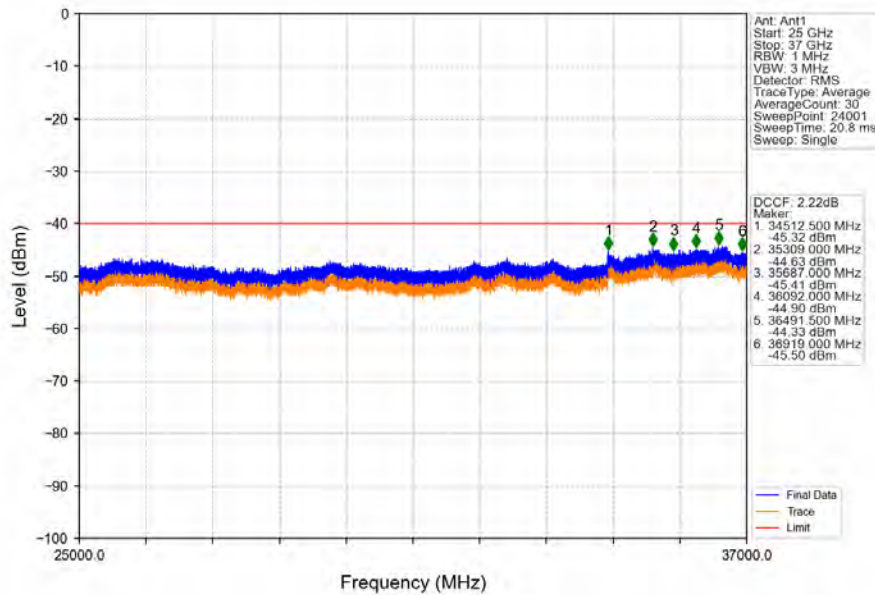
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



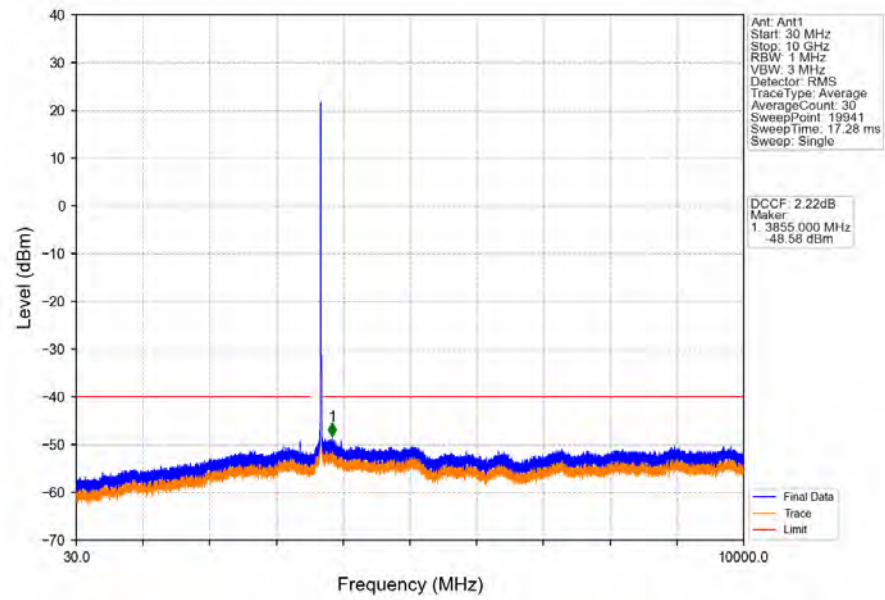
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



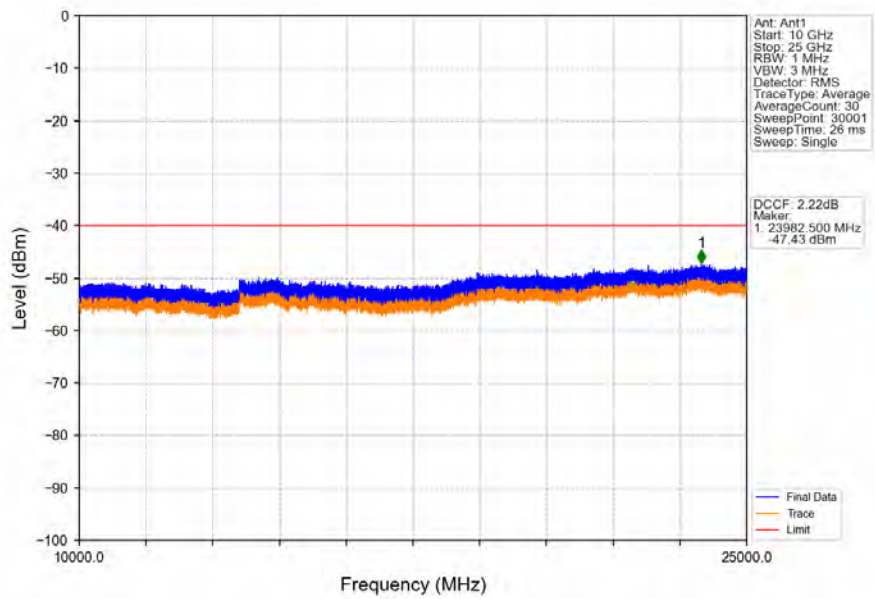
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



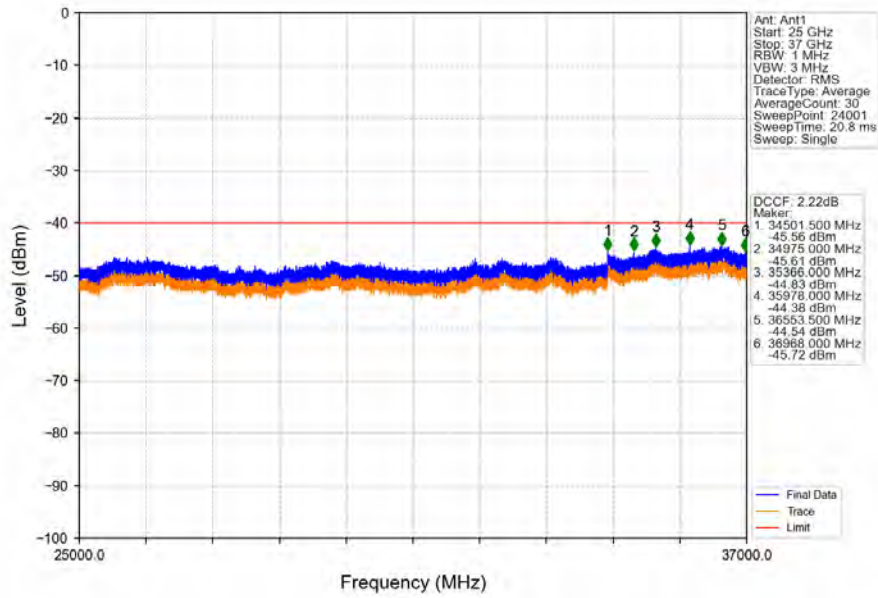
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV



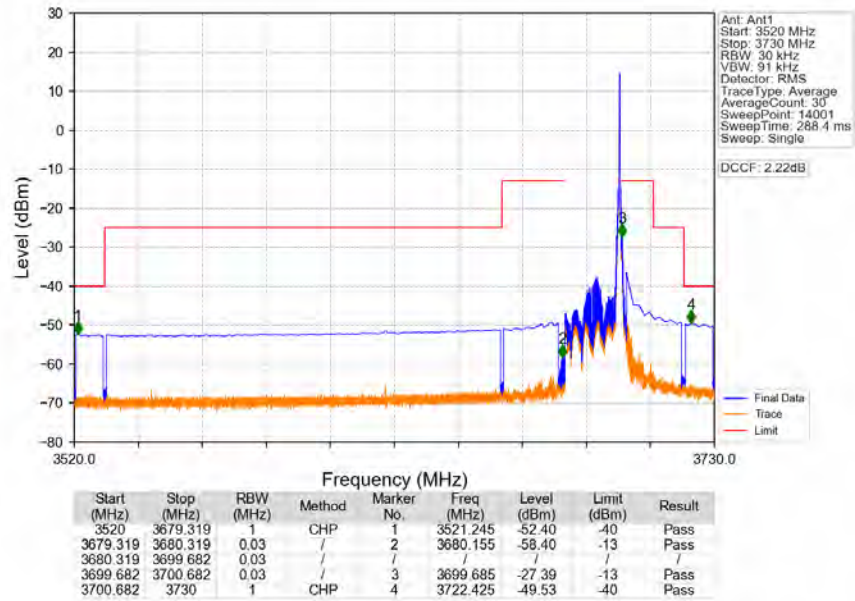
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV



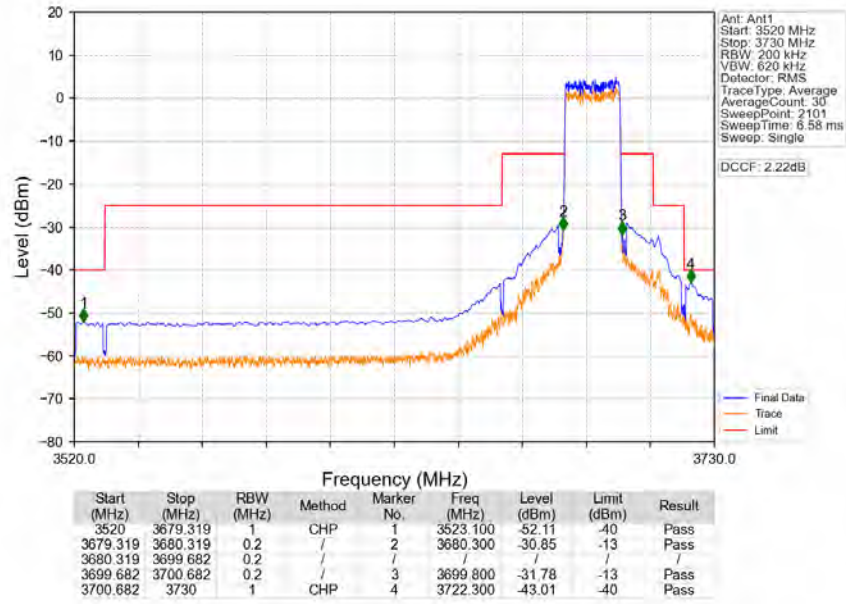
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV



Band48 20MHz QPSK HCH 3690MHz RB 1 99 NTNV



Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



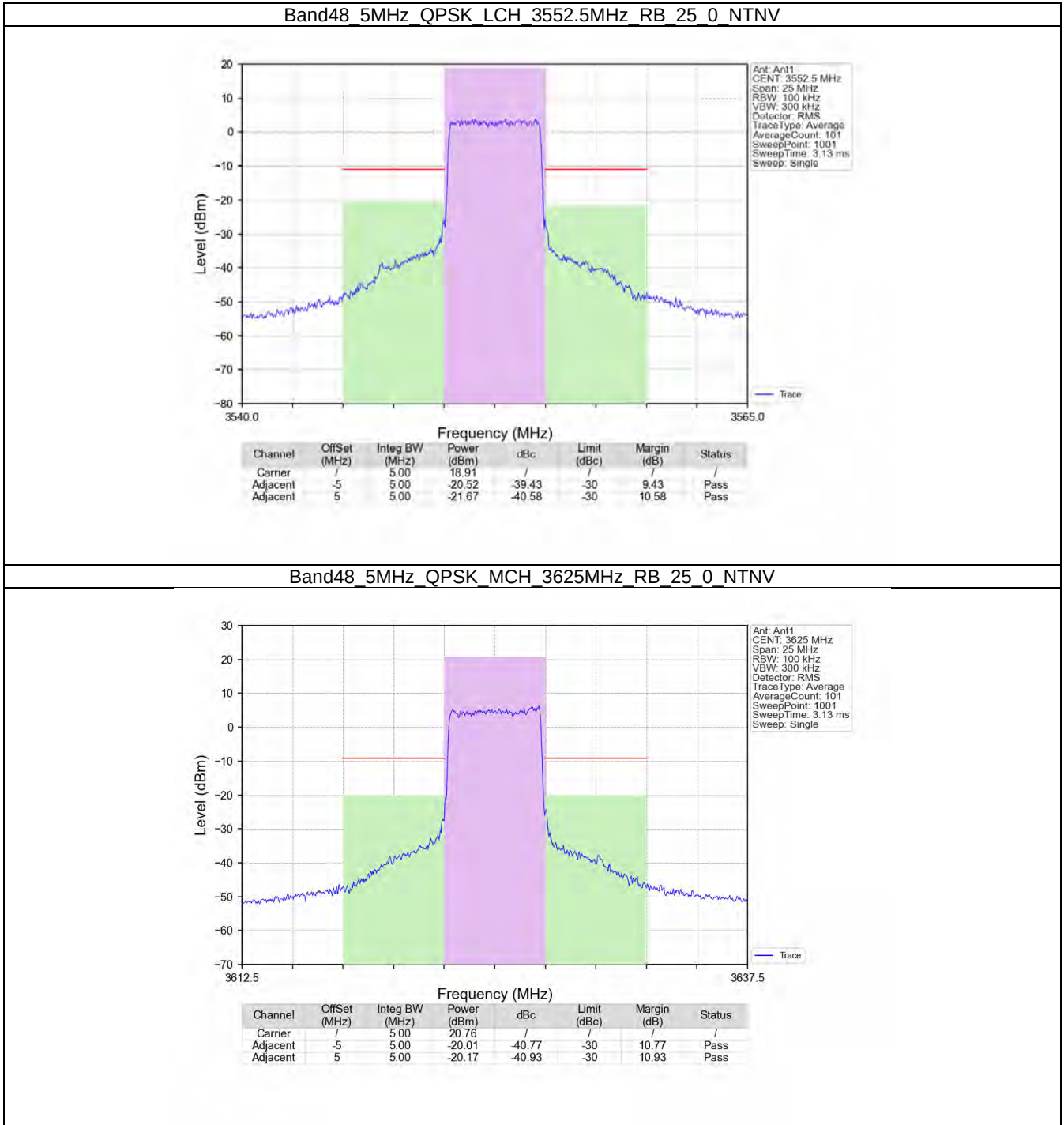
6. Adjacent Channel Leakage Ratio

6.1 B48_5MHz

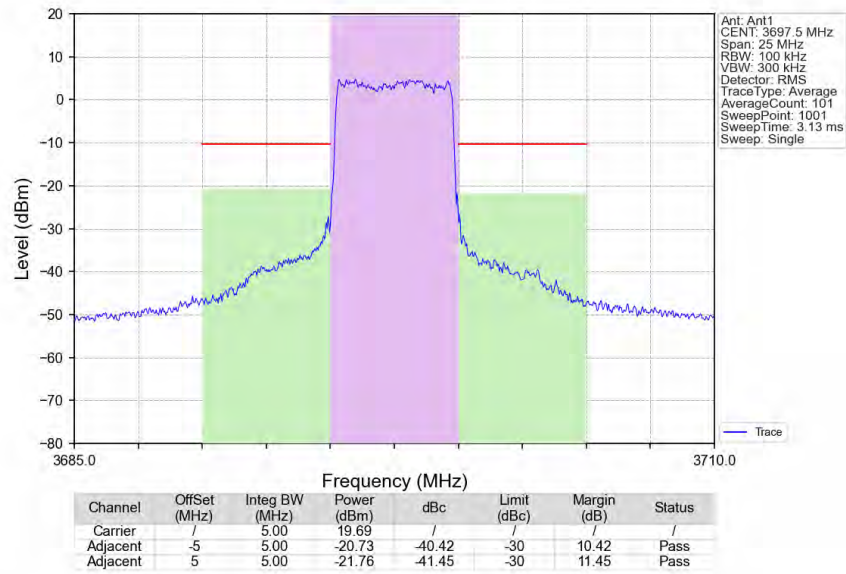
6.1.1 Test Result

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

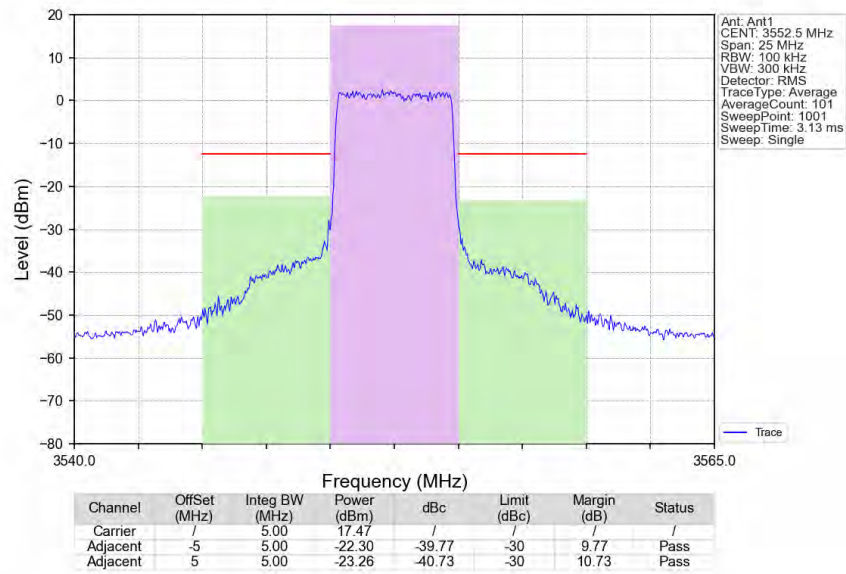
6.1.2 Test Graph



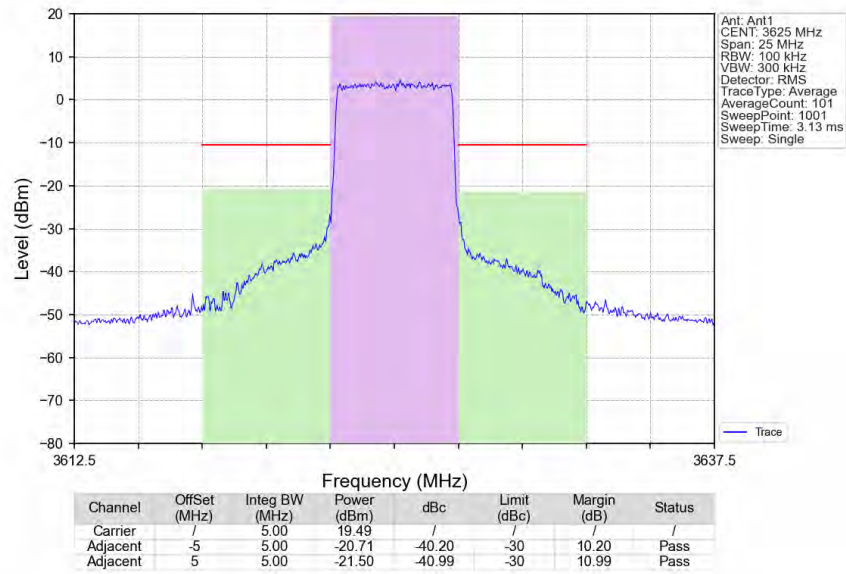
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



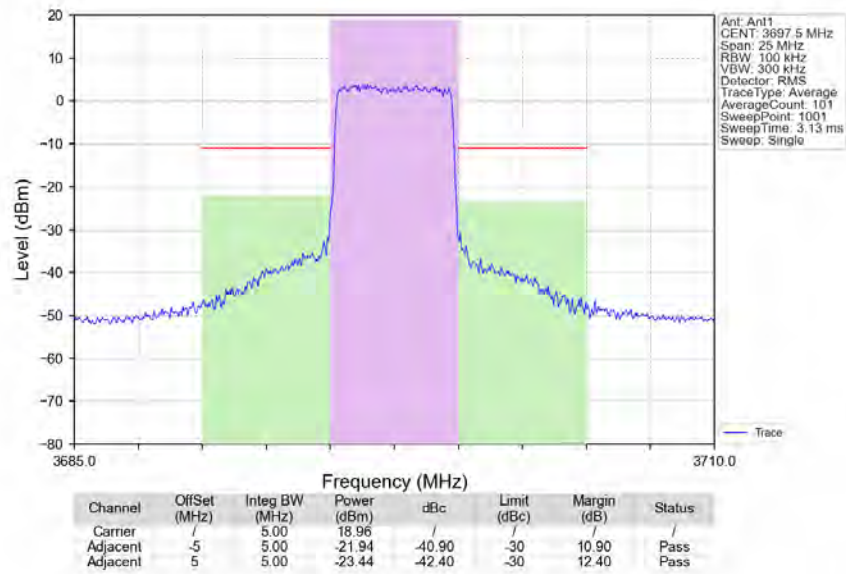
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



Band48 5MHz 16QAM HCH 3697.5MHz RB 25 0 NTNV

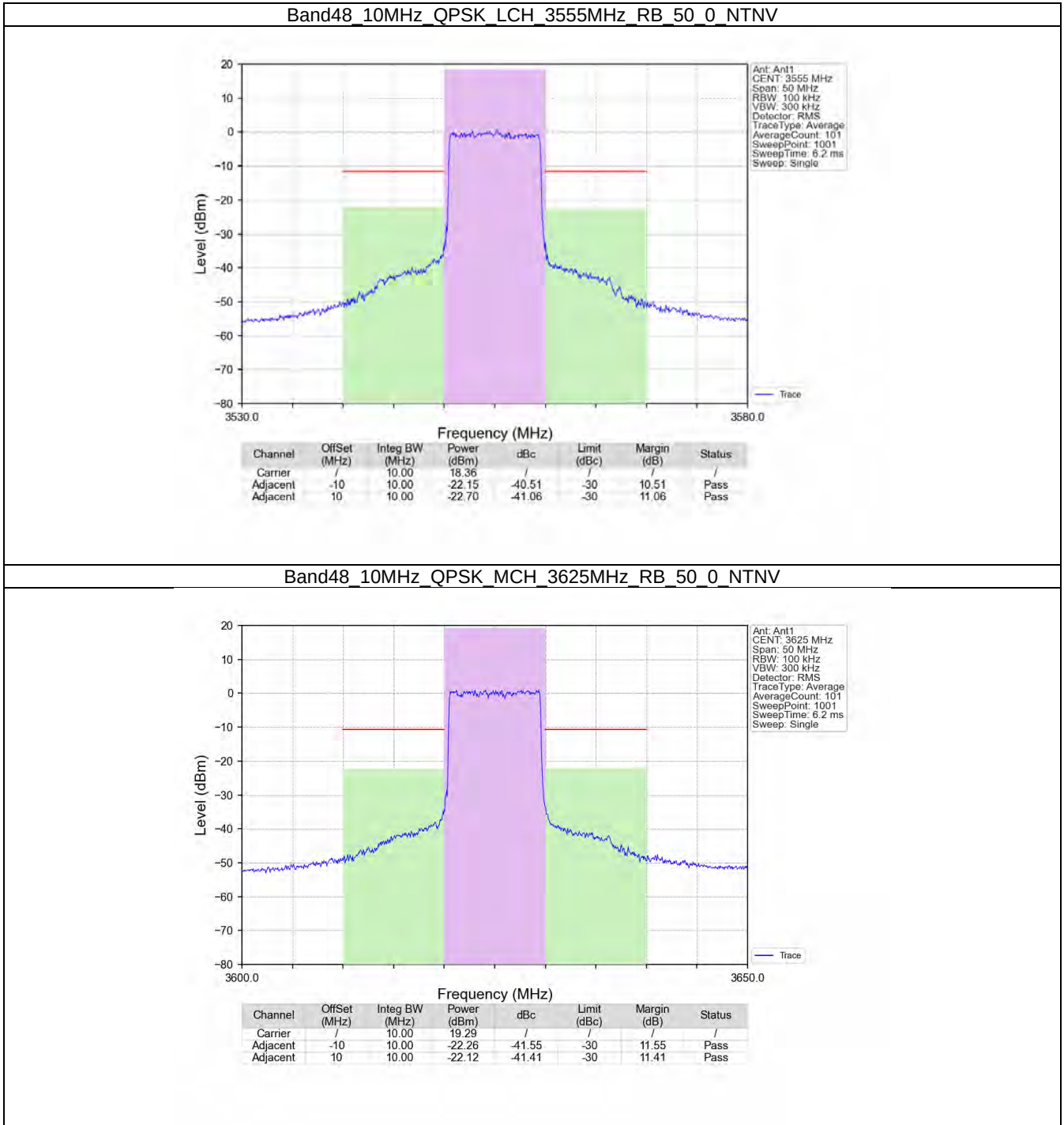


6.2 B48_10MHz

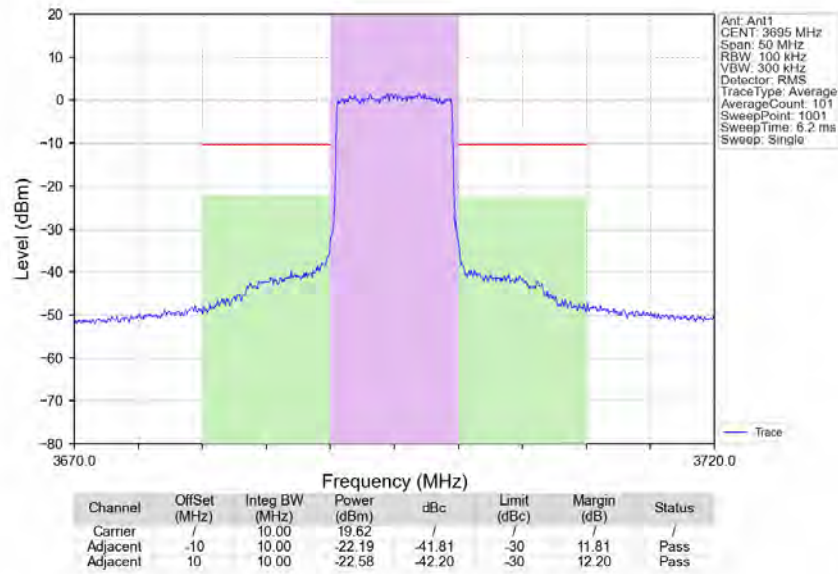
6.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	50	0	Refer To Test Graph		Pass
	3625	50	0	Refer To Test Graph		Pass
	3695	50	0	Refer To Test Graph		Pass
16QAM	3555	50	0	Refer To Test Graph		Pass
	3625	50	0	Refer To Test Graph		Pass
	3695	50	0	Refer To Test Graph		Pass

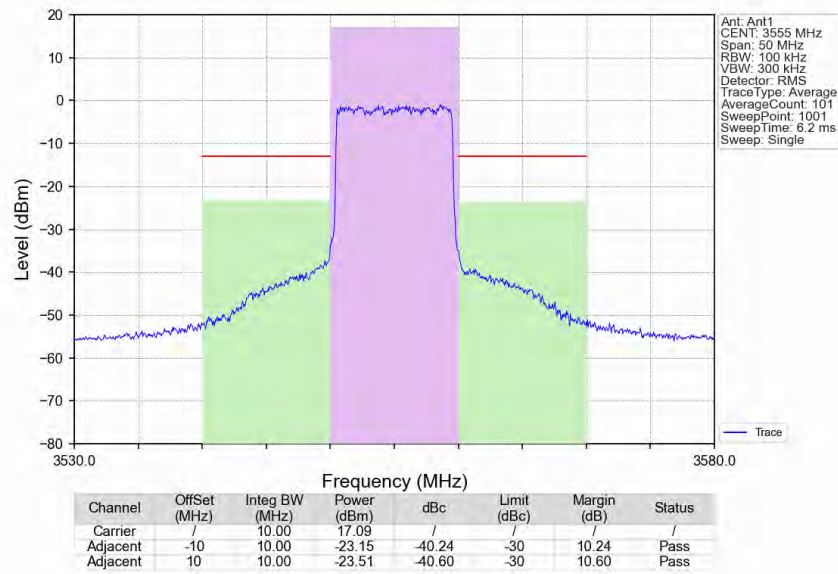
6.2.2 Test Graph



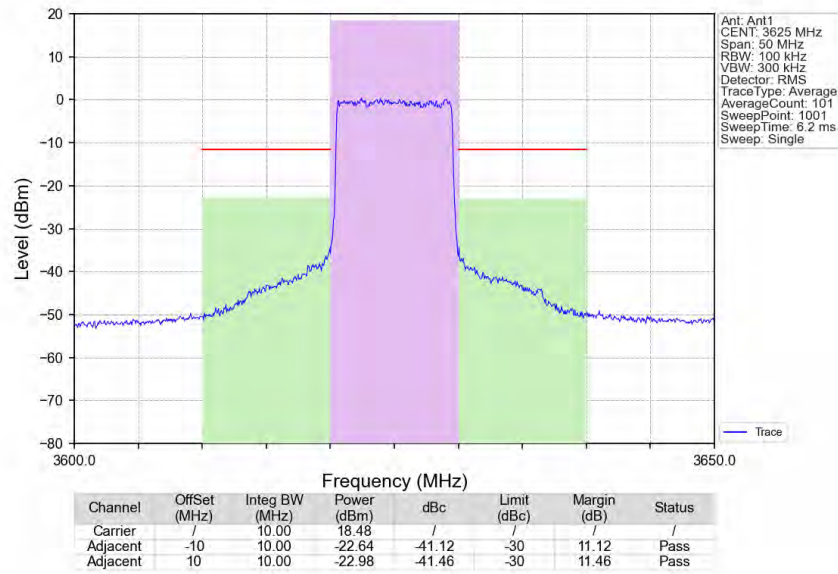
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



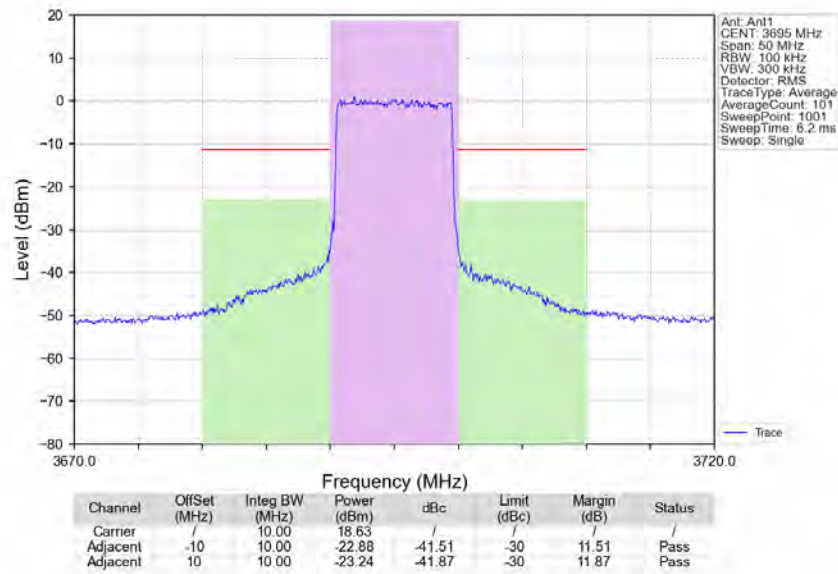
Band48_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTN



Band48 10MHz 16QAM HCH 3695MHz RB 50 0 NTN

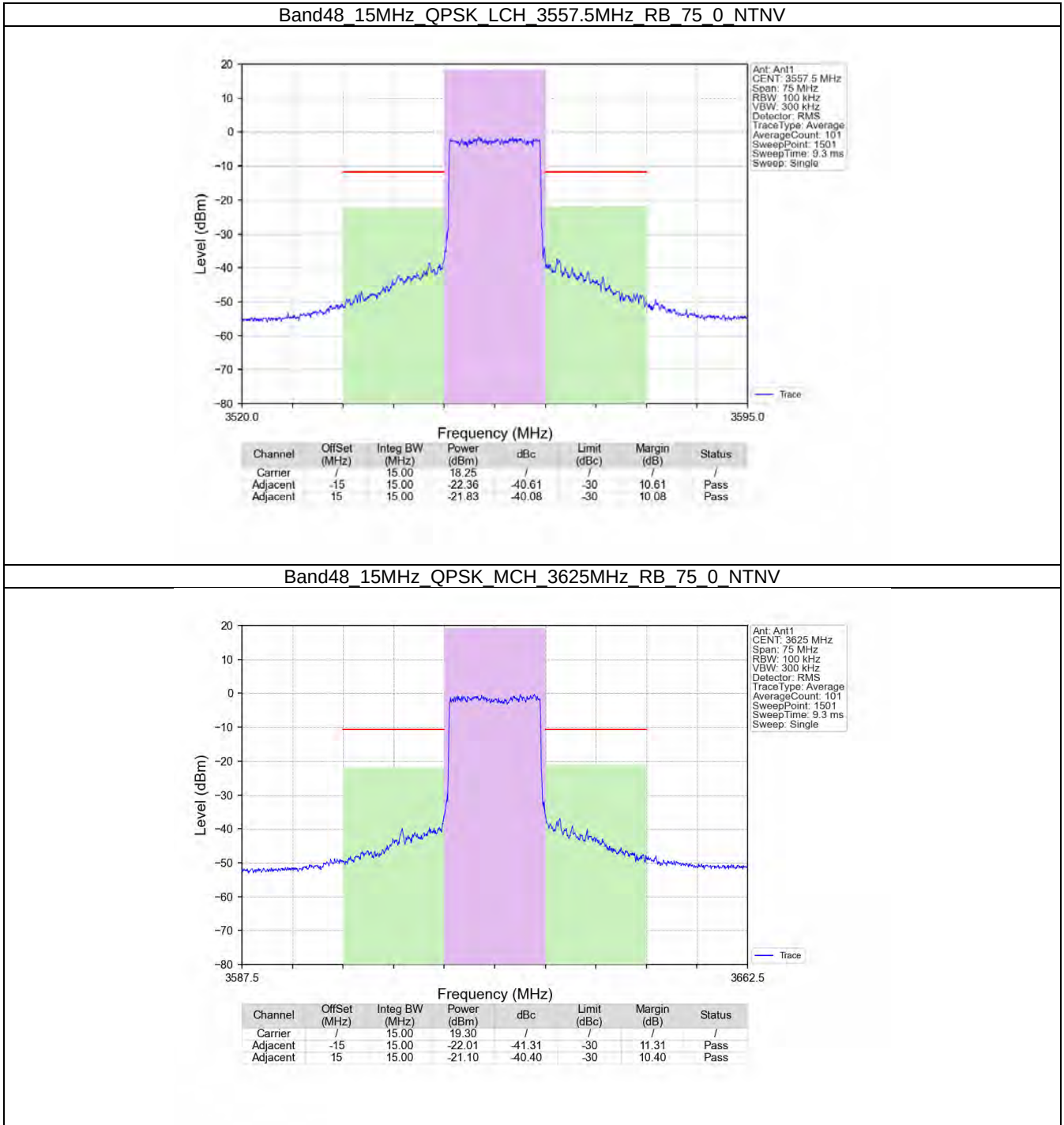


6.3 B48_15MHz

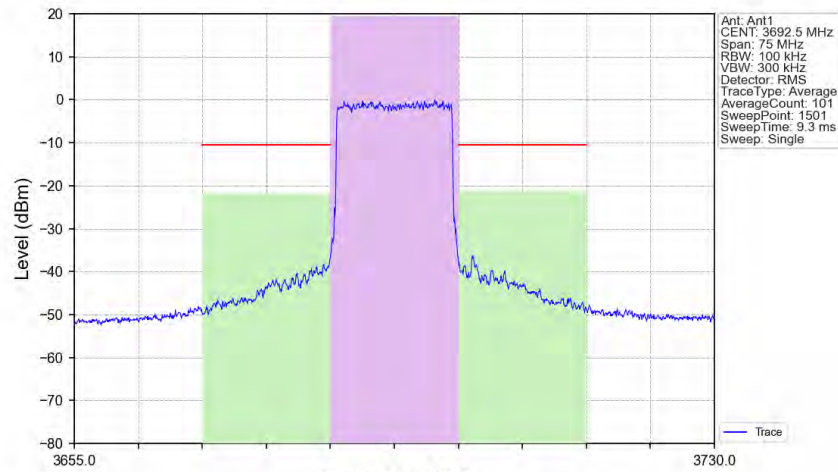
6.3.1 Test Result

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

6.3.2 Test Graph

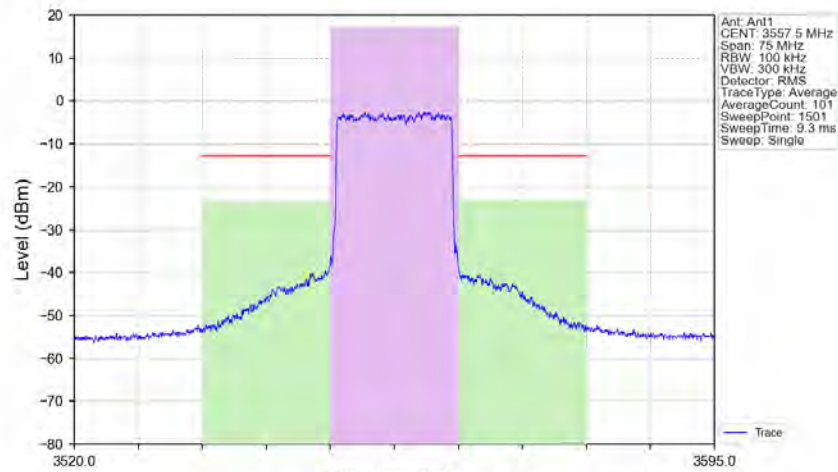


Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



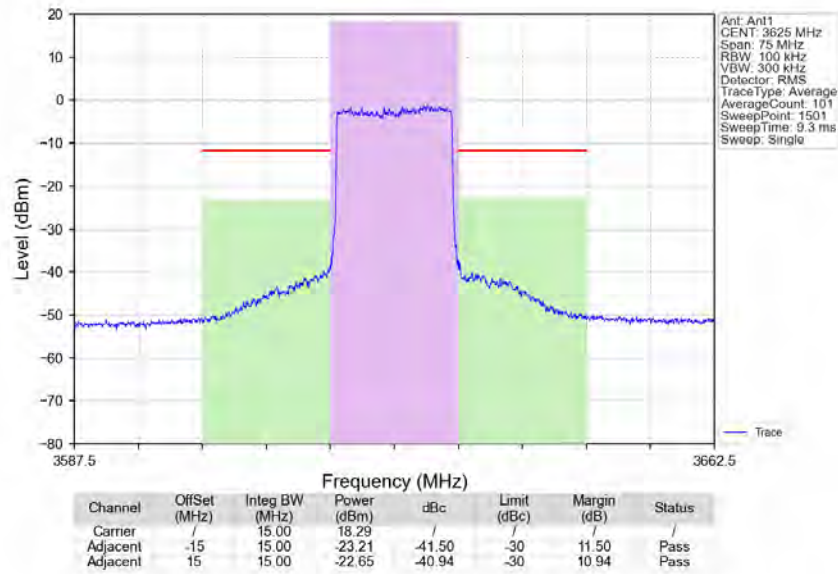
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	19.54	/	/	/	/
Adjacent	-15	15.00	-21.79	-41.33	-30	11.33	Pass
Adjacent	15	15.00	-21.34	-40.88	-30	10.88	Pass

Band48_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV

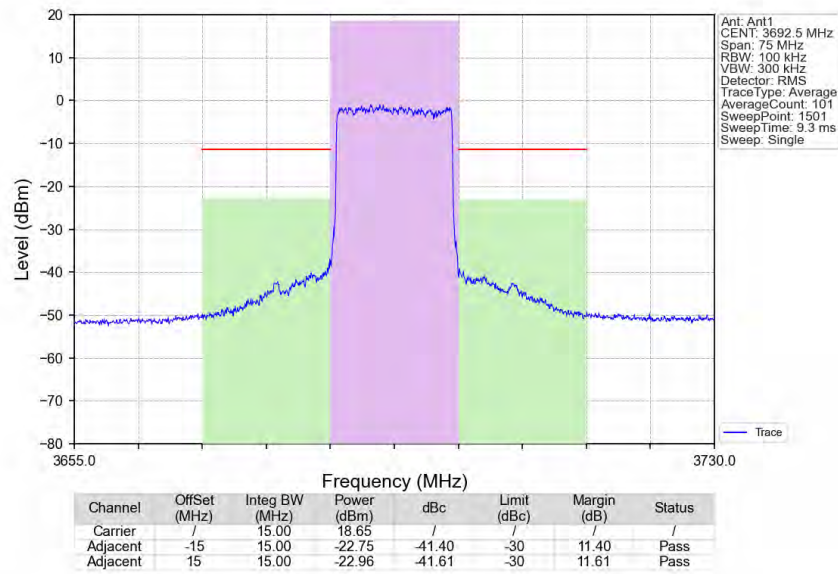


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	17.22	/	/	/	/
Adjacent	-15	15.00	-23.33	-40.55	-30	10.55	Pass
Adjacent	15	15.00	-23.09	-40.31	-30	10.31	Pass

Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTN



Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTN

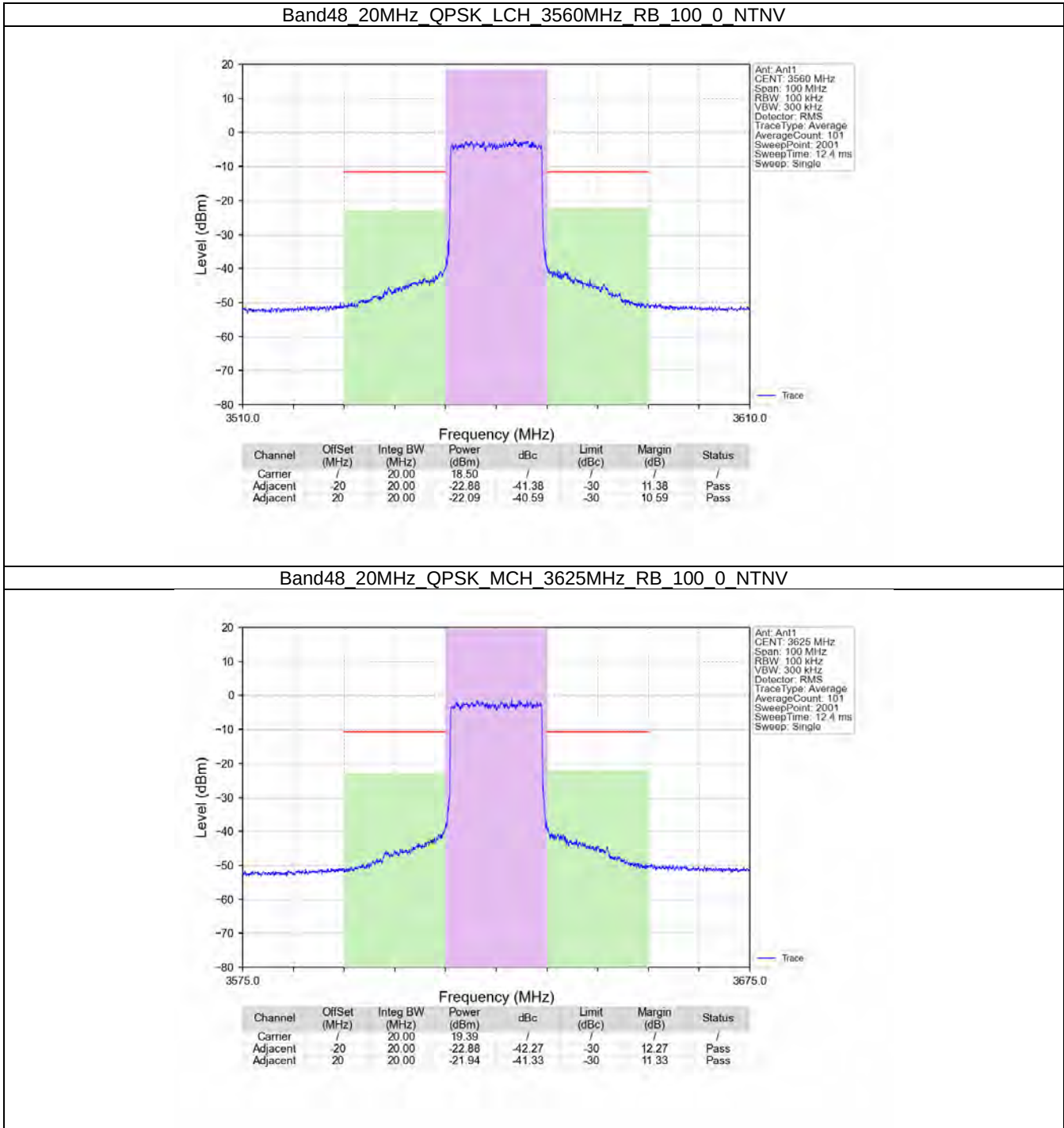


6.4 B48_20MHz

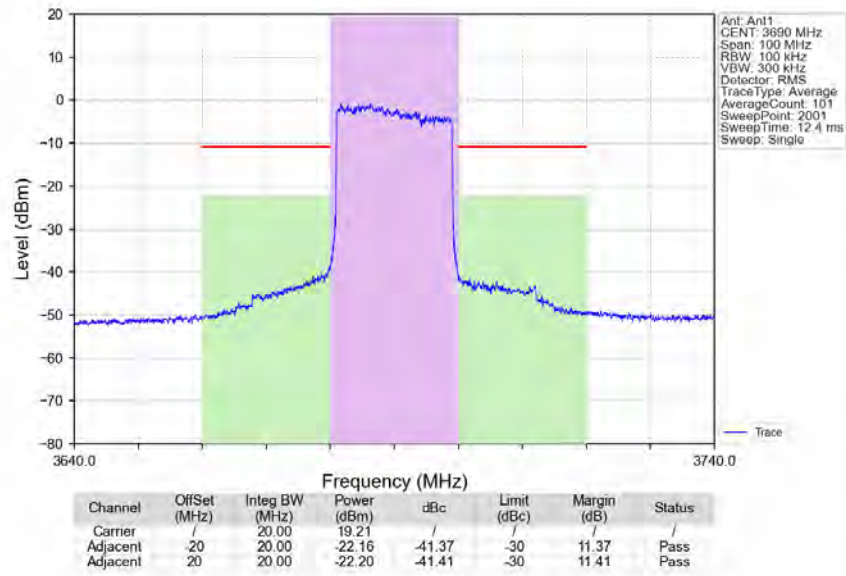
6.4.1 Test Result

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

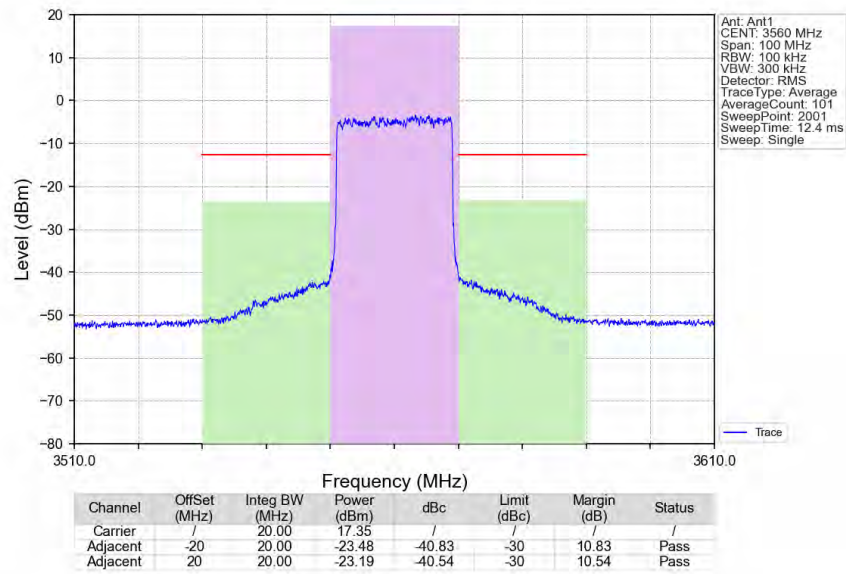
6.4.2 Test Graph



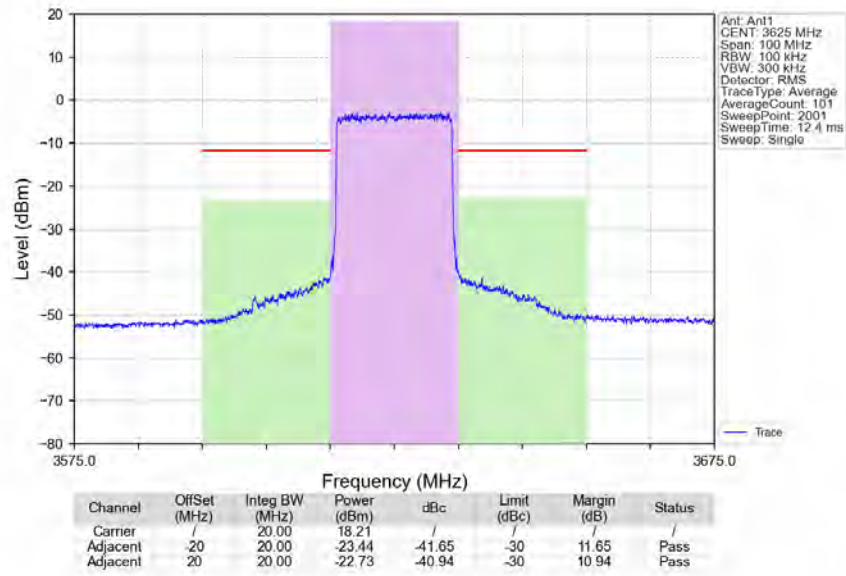
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTN



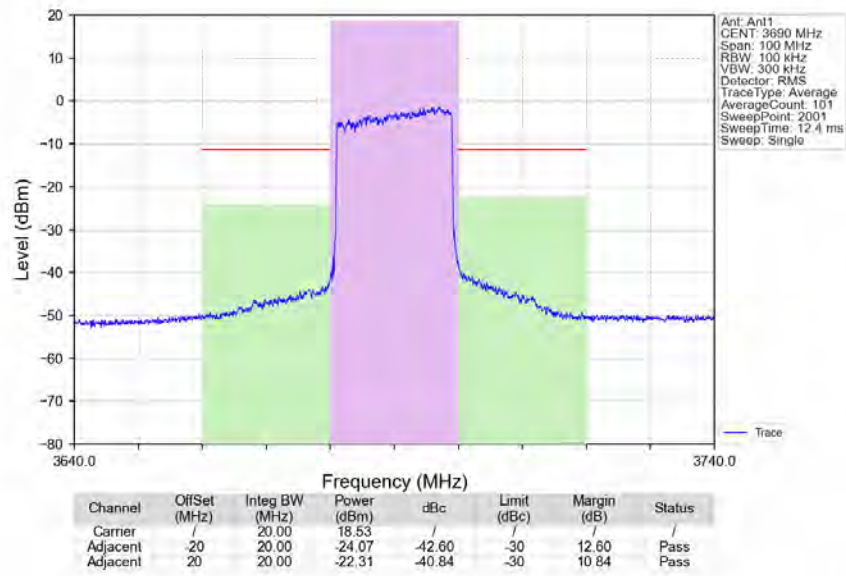
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



7. Field Strength of Spurious Radiation

LTE Band 48-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7102.0	-52.58	-40	-12.58	-58.91	4.92	11.25	Horizontal	Pass
10652.65	-43.68	-40	-3.68	-51.24	5.61	13.17	Horizontal	Pass
14204.0	-47.68	-40	-7.68	-55.68	6.46	14.46	Horizontal	Pass
7102.0	-57.17	-40	-17.17	-63.5	4.92	11.25	Vertical	Pass
10652.65	-43.28	-40	-3.28	-50.84	5.61	13.17	Vertical	Pass
14204.0	-51.96	-40	-11.96	-59.96	6.46	14.46	Vertical	Pass

LTE Band 48-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7232.0	-58.38	-40	-18.38	-64.86	4.93	11.41	Horizontal	Pass
10848.0	-51.42	-40	-11.42	-58.93	5.71	13.22	Horizontal	Pass
14464.0	-52.16	-40	-12.16	-59.97	6.61	14.42	Horizontal	Pass
7232.0	-59.8	-40	-19.8	-66.28	4.93	11.41	Vertical	Pass
10848.0	-50.12	-40	-10.12	-57.63	5.71	13.22	Vertical	Pass
14464.0	-53.84	-40	-13.84	-61.65	6.61	14.42	Vertical	Pass

LTE Band 48-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7362.0	-56.79	-40	-16.79	-63.43	4.93	11.57	Horizontal	Pass
11043.0	-45.8	-40	-5.8	-53.28	5.79	13.27	Horizontal	Pass
14724.0	-50.93	-40	-10.93	-58.56	6.83	14.46	Horizontal	Pass
7362.0	-58.33	-40	-18.33	-64.97	4.93	11.57	Vertical	Pass
11043.0	-48.29	-40	-8.29	-55.77	5.79	13.27	Vertical	Pass
14724.0	-53.06	-40	-13.06	-60.69	6.83	14.46	Vertical	Pass