

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	24.24	-4.50	19.74	<=30	Pass
			2	24.28	-4.50	19.78	<=30	Pass
			5	24.23	-4.50	19.73	<=30	Pass
		3	0	24.19	-4.50	19.69	<=30	Pass
			2	24.17	-4.50	19.67	<=30	Pass
			3	24.24	-4.50	19.74	<=30	Pass
		6	0	23.26	-4.50	18.76	<=30	Pass
	1745	1	0	24.15	-4.50	19.65	<=30	Pass
			2	24.17	-4.50	19.67	<=30	Pass
			5	24.14	-4.50	19.64	<=30	Pass
		3	0	24.13	-4.50	19.63	<=30	Pass
			2	24.08	-4.50	19.58	<=30	Pass
			3	24.07	-4.50	19.57	<=30	Pass
		6	0	23.21	-4.50	18.71	<=30	Pass
	1779.3	1	0	24.04	-4.50	19.54	<=30	Pass
			2	24.06	-4.50	19.56	<=30	Pass
			5	24.00	-4.50	19.50	<=30	Pass
		3	0	23.94	-4.50	19.44	<=30	Pass
			2	23.91	-4.50	19.41	<=30	Pass
			3	23.93	-4.50	19.43	<=30	Pass
		6	0	23.05	-4.50	18.55	<=30	Pass
16QAM	1710.7	1	0	23.36	-4.50	18.86	<=30	Pass
			2	23.34	-4.50	18.84	<=30	Pass
			5	23.37	-4.50	18.87	<=30	Pass
		3	0	23.28	-4.50	18.78	<=30	Pass
			2	23.28	-4.50	18.78	<=30	Pass
			3	23.29	-4.50	18.79	<=30	Pass
		6	0	22.19	-4.50	17.69	<=30	Pass
	1745	1	0	23.19	-4.50	18.69	<=30	Pass
			2	23.15	-4.50	18.65	<=30	Pass
			5	23.18	-4.50	18.68	<=30	Pass
		3	0	23.21	-4.50	18.71	<=30	Pass
			2	23.19	-4.50	18.69	<=30	Pass
			3	23.19	-4.50	18.69	<=30	Pass
		6	0	22.18	-4.50	17.68	<=30	Pass
	1779.3	1	0	23.02	-4.50	18.52	<=30	Pass
			2	23.03	-4.50	18.53	<=30	Pass
			5	23.01	-4.50	18.51	<=30	Pass
		3	0	23.21	-4.50	18.71	<=30	Pass
			2	23.22	-4.50	18.72	<=30	Pass
			3	23.22	-4.50	18.72	<=30	Pass
		6	0	22.08	-4.50	17.58	<=30	Pass
64QAM	1710.7	1	0	22.25	-4.50	17.75	<=30	Pass
			2	22.23	-4.50	17.73	<=30	Pass
			5	22.25	-4.50	17.75	<=30	Pass
		3	0	22.34	-4.50	17.84	<=30	Pass
			2	22.35	-4.50	17.85	<=30	Pass
			3	22.35	-4.50	17.85	<=30	Pass
		6	0	21.37	-4.50	16.87	<=30	Pass
	1745	1	0	21.99	-4.50	17.49	<=30	Pass
			2	22.00	-4.50	17.50	<=30	Pass
			5	21.98	-4.50	17.48	<=30	Pass
		3	0	22.21	-4.50	17.71	<=30	Pass
			2	22.17	-4.50	17.67	<=30	Pass

			3	22.16	-4.50	17.66	<=30	Pass
		6	0	21.25	-4.50	16.75	<=30	Pass
	1779.3	1	0	22.32	-4.50	17.82	<=30	Pass
			2	22.31	-4.50	17.81	<=30	Pass
			5	22.31	-4.50	17.81	<=30	Pass
		3	0	22.08	-4.50	17.58	<=30	Pass
			2	22.06	-4.50	17.56	<=30	Pass
			3	22.05	-4.50	17.55	<=30	Pass
		6	0	21.15	-4.50	16.65	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	24.32	-4.50	19.82	<=30	Pass
			7	24.27	-4.50	19.77	<=30	Pass
			14	24.23	-4.50	19.73	<=30	Pass
		8	0	23.29	-4.50	18.79	<=30	Pass
			4	23.28	-4.50	18.78	<=30	Pass
			7	23.28	-4.50	18.78	<=30	Pass
		15	0	23.27	-4.50	18.77	<=30	Pass
	1745	1	0	24.10	-4.50	19.60	<=30	Pass
			7	24.11	-4.50	19.61	<=30	Pass
			14	24.07	-4.50	19.57	<=30	Pass
		8	0	23.22	-4.50	18.72	<=30	Pass
			4	23.23	-4.50	18.73	<=30	Pass
			7	23.26	-4.50	18.76	<=30	Pass
		15	0	23.23	-4.50	18.73	<=30	Pass
	1778.5	1	0	24.03	-4.50	19.53	<=30	Pass
			7	24.04	-4.50	19.54	<=30	Pass
			14	24.00	-4.50	19.50	<=30	Pass
		8	0	23.11	-4.50	18.61	<=30	Pass
			4	23.08	-4.50	18.58	<=30	Pass
			7	23.07	-4.50	18.57	<=30	Pass
		15	0	23.08	-4.50	18.58	<=30	Pass
16QAM	1711.5	1	0	23.45	-4.50	18.95	<=30	Pass
			7	23.46	-4.50	18.96	<=30	Pass
			14	23.42	-4.50	18.92	<=30	Pass
		8	0	22.29	-4.50	17.79	<=30	Pass
			4	22.27	-4.50	17.77	<=30	Pass
			7	22.26	-4.50	17.76	<=30	Pass
		15	0	22.25	-4.50	17.75	<=30	Pass
	1745	1	0	23.30	-4.50	18.80	<=30	Pass
			7	23.35	-4.50	18.85	<=30	Pass
			14	23.31	-4.50	18.81	<=30	Pass
		8	0	22.21	-4.50	17.71	<=30	Pass
			4	22.24	-4.50	17.74	<=30	Pass
			7	22.24	-4.50	17.74	<=30	Pass
		15	0	22.13	-4.50	17.63	<=30	Pass
	1778.5	1	0	22.99	-4.50	18.49	<=30	Pass
			7	22.98	-4.50	18.48	<=30	Pass
			14	22.97	-4.50	18.47	<=30	Pass
		8	0	22.13	-4.50	17.63	<=30	Pass
			4	22.12	-4.50	17.62	<=30	Pass
			7	22.11	-4.50	17.61	<=30	Pass
		15	0	22.08	-4.50	17.58	<=30	Pass
64QAM	1711.5	1	0	22.75	-4.50	18.25	<=30	Pass
			7	22.77	-4.50	18.27	<=30	Pass
			14	22.76	-4.50	18.26	<=30	Pass
		8	0	21.44	-4.50	16.94	<=30	Pass

		15	4	21.43	-4.50	16.93	<=30	Pass
			7	21.41	-4.50	16.91	<=30	Pass
			0	21.23	-4.50	16.73	<=30	Pass
	1745	1	0	22.15	-4.50	17.65	<=30	Pass
			7	22.23	-4.50	17.73	<=30	Pass
			14	22.22	-4.50	17.72	<=30	Pass
		8	0	21.19	-4.50	16.69	<=30	Pass
			4	21.19	-4.50	16.69	<=30	Pass
			7	21.21	-4.50	16.71	<=30	Pass
		15	0	21.25	-4.50	16.75	<=30	Pass
	1778.5	1	0	21.80	-4.50	17.30	<=30	Pass
			7	21.80	-4.50	17.30	<=30	Pass
			14	21.75	-4.50	17.25	<=30	Pass
		8	0	21.12	-4.50	16.62	<=30	Pass
			4	21.10	-4.50	16.60	<=30	Pass
			7	21.10	-4.50	16.60	<=30	Pass
		15	0	20.98	-4.50	16.48	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	24.41	-4.50	19.91	<=30	Pass
			13	24.29	-4.50	19.79	<=30	Pass
			24	24.28	-4.50	19.78	<=30	Pass
		12	0	23.31	-4.50	18.81	<=30	Pass
			6	23.29	-4.50	18.79	<=30	Pass
			13	23.28	-4.50	18.78	<=30	Pass
		25	0	23.34	-4.50	18.84	<=30	Pass
	1745	1	0	24.17	-4.50	19.67	<=30	Pass
			13	24.14	-4.50	19.64	<=30	Pass
			24	24.17	-4.50	19.67	<=30	Pass
		12	0	23.27	-4.50	18.77	<=30	Pass
			6	23.29	-4.50	18.79	<=30	Pass
			13	23.28	-4.50	18.78	<=30	Pass
		25	0	23.30	-4.50	18.80	<=30	Pass
	1777.5	1	0	24.03	-4.50	19.53	<=30	Pass
			13	23.97	-4.50	19.47	<=30	Pass
			24	23.95	-4.50	19.45	<=30	Pass
		12	0	23.11	-4.50	18.61	<=30	Pass
			6	23.10	-4.50	18.60	<=30	Pass
			13	23.08	-4.50	18.58	<=30	Pass
		25	0	23.14	-4.50	18.64	<=30	Pass
16QAM	1712.5	1	0	23.50	-4.50	19.00	<=30	Pass
			13	23.49	-4.50	18.99	<=30	Pass
			24	23.47	-4.50	18.97	<=30	Pass
		12	0	22.31	-4.50	17.81	<=30	Pass
			6	22.29	-4.50	17.79	<=30	Pass
			13	22.30	-4.50	17.80	<=30	Pass
		25	0	22.34	-4.50	17.84	<=30	Pass
	1745	1	0	23.38	-4.50	18.88	<=30	Pass
			13	23.40	-4.50	18.90	<=30	Pass
			24	23.41	-4.50	18.91	<=30	Pass
		12	0	22.22	-4.50	17.72	<=30	Pass
			6	22.24	-4.50	17.74	<=30	Pass
			13	22.23	-4.50	17.73	<=30	Pass
		25	0	22.27	-4.50	17.77	<=30	Pass
	1777.5	1	0	23.34	-4.50	18.84	<=30	Pass
			13	23.30	-4.50	18.80	<=30	Pass
			24	23.28	-4.50	18.78	<=30	Pass

		12	0	22.18	-4.50	17.68	<=30	Pass		
			6	22.16	-4.50	17.66	<=30	Pass		
			13	22.14	-4.50	17.64	<=30	Pass		
		25	0	22.14	-4.50	17.64	<=30	Pass		
64QAM	1712.5	1	0	22.55	-4.50	18.05	<=30	Pass		
			13	22.55	-4.50	18.05	<=30	Pass		
			24	22.54	-4.50	18.04	<=30	Pass		
		12	0	21.34	-4.50	16.84	<=30	Pass		
			6	21.32	-4.50	16.82	<=30	Pass		
			13	21.31	-4.50	16.81	<=30	Pass		
		25	0	21.30	-4.50	16.80	<=30	Pass		
		1745	1	0	22.24	-4.50	17.74	<=30	Pass	
				13	22.29	-4.50	17.79	<=30	Pass	
	24			22.26	-4.50	17.76	<=30	Pass		
	12		0	21.27	-4.50	16.77	<=30	Pass		
			6	21.27	-4.50	16.77	<=30	Pass		
			13	21.26	-4.50	16.76	<=30	Pass		
	25		0	21.28	-4.50	16.78	<=30	Pass		
	1777.5		1	0	22.48	-4.50	17.98	<=30	Pass	
				13	22.45	-4.50	17.95	<=30	Pass	
		24		22.43	-4.50	17.93	<=30	Pass		
		12	0	21.08	-4.50	16.58	<=30	Pass		
			6	21.08	-4.50	16.58	<=30	Pass		
			13	21.06	-4.50	16.56	<=30	Pass		
		25	0	21.18	-4.50	16.68	<=30	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	24.44	-4.50	19.94	<=30	Pass
			25	24.24	-4.50	19.74	<=30	Pass
			49	24.35	-4.50	19.85	<=30	Pass
		25	0	23.32	-4.50	18.82	<=30	Pass
			13	23.28	-4.50	18.78	<=30	Pass
			25	23.33	-4.50	18.83	<=30	Pass
		50	0	23.30	-4.50	18.80	<=30	Pass
			0	23.30	-4.50	18.80	<=30	Pass
			0	23.30	-4.50	18.80	<=30	Pass
	1745	1	0	24.26	-4.50	19.76	<=30	Pass
			25	24.12	-4.50	19.62	<=30	Pass
			49	24.18	-4.50	19.68	<=30	Pass
		25	0	23.25	-4.50	18.75	<=30	Pass
			13	23.27	-4.50	18.77	<=30	Pass
			25	23.26	-4.50	18.76	<=30	Pass
		50	0	23.25	-4.50	18.75	<=30	Pass
			0	23.25	-4.50	18.75	<=30	Pass
			0	23.25	-4.50	18.75	<=30	Pass
	1775	1	0	24.18	-4.50	19.68	<=30	Pass
			25	24.10	-4.50	19.60	<=30	Pass
			49	24.10	-4.50	19.60	<=30	Pass
		25	0	23.15	-4.50	18.65	<=30	Pass
			13	23.12	-4.50	18.62	<=30	Pass
			25	23.12	-4.50	18.62	<=30	Pass
		50	0	23.11	-4.50	18.61	<=30	Pass
			0	23.11	-4.50	18.61	<=30	Pass
			0	23.11	-4.50	18.61	<=30	Pass
16QAM	1715	1	0	23.55	-4.50	19.05	<=30	Pass
			25	23.42	-4.50	18.92	<=30	Pass
			49	23.53	-4.50	19.03	<=30	Pass
		25	0	22.37	-4.50	17.87	<=30	Pass
			13	22.33	-4.50	17.83	<=30	Pass
			25	22.37	-4.50	17.87	<=30	Pass
	1745	1	0	22.28	-4.50	17.78	<=30	Pass
			0	22.28	-4.50	17.78	<=30	Pass
			0	22.28	-4.50	17.78	<=30	Pass

64QAM	1775	25	49	23.39	-4.50	18.89	<=30	Pass
			0	22.26	-4.50	17.76	<=30	Pass
			13	22.26	-4.50	17.76	<=30	Pass
			25	22.28	-4.50	17.78	<=30	Pass
		50	0	22.22	-4.50	17.72	<=30	Pass
	1775	1	0	23.09	-4.50	18.59	<=30	Pass
			25	22.99	-4.50	18.49	<=30	Pass
			49	23.01	-4.50	18.51	<=30	Pass
		25	0	22.11	-4.50	17.61	<=30	Pass
			13	22.12	-4.50	17.62	<=30	Pass
			25	22.09	-4.50	17.59	<=30	Pass
		50	0	22.09	-4.50	17.59	<=30	Pass
	1715	1	0	22.86	-4.50	18.36	<=30	Pass
			25	22.74	-4.50	18.24	<=30	Pass
			49	22.87	-4.50	18.37	<=30	Pass
		25	0	21.25	-4.50	16.75	<=30	Pass
			13	21.22	-4.50	16.72	<=30	Pass
			25	21.26	-4.50	16.76	<=30	Pass
		50	0	21.32	-4.50	16.82	<=30	Pass
	1745	1	0	22.29	-4.50	17.79	<=30	Pass
			25	22.28	-4.50	17.78	<=30	Pass
			49	22.31	-4.50	17.81	<=30	Pass
		25	0	21.18	-4.50	16.68	<=30	Pass
			13	21.18	-4.50	16.68	<=30	Pass
			25	21.19	-4.50	16.69	<=30	Pass
		50	0	21.22	-4.50	16.72	<=30	Pass
	1775	1	0	21.94	-4.50	17.44	<=30	Pass
			25	21.83	-4.50	17.33	<=30	Pass
			49	21.84	-4.50	17.34	<=30	Pass
		25	0	21.08	-4.50	16.58	<=30	Pass
			13	21.06	-4.50	16.56	<=30	Pass
			25	21.06	-4.50	16.56	<=30	Pass
		50	0	21.07	-4.50	16.57	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	24.45	-4.50	19.95	<=30	Pass
			38	24.33	-4.50	19.83	<=30	Pass
			74	24.32	-4.50	19.82	<=30	Pass
		36	0	23.31	-4.50	18.81	<=30	Pass
			18	23.32	-4.50	18.82	<=30	Pass
			39	23.30	-4.50	18.80	<=30	Pass
		75	0	23.33	-4.50	18.83	<=30	Pass
	1745	1	0	24.26	-4.50	19.76	<=30	Pass
			38	24.23	-4.50	19.73	<=30	Pass
			74	24.18	-4.50	19.68	<=30	Pass
		36	0	23.26	-4.50	18.76	<=30	Pass
			18	23.24	-4.50	18.74	<=30	Pass
			39	23.24	-4.50	18.74	<=30	Pass
		75	0	23.26	-4.50	18.76	<=30	Pass
	1772.5	1	0	24.20	-4.50	19.70	<=30	Pass
			38	24.19	-4.50	19.69	<=30	Pass
			74	24.12	-4.50	19.62	<=30	Pass
		36	0	23.14	-4.50	18.64	<=30	Pass
			18	23.13	-4.50	18.63	<=30	Pass
			39	23.13	-4.50	18.63	<=30	Pass
		75	0	23.17	-4.50	18.67	<=30	Pass
16QAM	1717.5	1	0	23.53	-4.50	19.03	<=30	Pass

			38	23.54	-4.50	19.04	<=30	Pass
			74	23.47	-4.50	18.97	<=30	Pass
			0	22.34	-4.50	17.84	<=30	Pass
		36	18	22.35	-4.50	17.85	<=30	Pass
			39	22.34	-4.50	17.84	<=30	Pass
			75	0	22.37	-4.50	17.87	<=30
	1745	1	0	23.36	-4.50	18.86	<=30	Pass
			38	23.44	-4.50	18.94	<=30	Pass
			74	23.37	-4.50	18.87	<=30	Pass
		36	0	22.29	-4.50	17.79	<=30	Pass
			18	22.26	-4.50	17.76	<=30	Pass
			39	22.28	-4.50	17.78	<=30	Pass
	75	0	22.25	-4.50	17.75	<=30	Pass	
	1772.5	1	0	23.31	-4.50	18.81	<=30	Pass
			38	23.26	-4.50	18.76	<=30	Pass
			74	23.16	-4.50	18.66	<=30	Pass
		36	0	22.15	-4.50	17.65	<=30	Pass
			18	22.17	-4.50	17.67	<=30	Pass
			39	22.15	-4.50	17.65	<=30	Pass
	75	0	22.19	-4.50	17.69	<=30	Pass	
64QAM	1717.5	1	0	22.85	-4.50	18.35	<=30	Pass
			38	22.86	-4.50	18.36	<=30	Pass
			74	22.80	-4.50	18.30	<=30	Pass
		36	0	21.28	-4.50	16.78	<=30	Pass
			18	21.31	-4.50	16.81	<=30	Pass
			39	21.30	-4.50	16.80	<=30	Pass
	75	0	21.36	-4.50	16.86	<=30	Pass	
	1745	1	0	22.26	-4.50	17.76	<=30	Pass
			38	22.35	-4.50	17.85	<=30	Pass
			74	22.29	-4.50	17.79	<=30	Pass
		36	0	21.31	-4.50	16.81	<=30	Pass
			18	21.32	-4.50	16.82	<=30	Pass
			39	21.30	-4.50	16.80	<=30	Pass
	75	0	21.29	-4.50	16.79	<=30	Pass	
	1772.5	1	0	22.45	-4.50	17.95	<=30	Pass
			38	22.42	-4.50	17.92	<=30	Pass
			74	22.32	-4.50	17.82	<=30	Pass
		36	0	21.23	-4.50	16.73	<=30	Pass
			18	21.21	-4.50	16.71	<=30	Pass
			39	21.17	-4.50	16.67	<=30	Pass
75	0	21.17	-4.50	16.67	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	24.41	-4.50	19.91	<=30	Pass
			50	24.36	-4.50	19.86	<=30	Pass
			99	24.26	-4.50	19.76	<=30	Pass
		50	0	23.36	-4.50	18.86	<=30	Pass
			25	23.39	-4.50	18.89	<=30	Pass
			50	23.33	-4.50	18.83	<=30	Pass
		100	0	23.38	-4.50	18.88	<=30	Pass
	1745	1	0	24.30	-4.50	19.80	<=30	Pass
			50	24.30	-4.50	19.80	<=30	Pass
			99	24.22	-4.50	19.72	<=30	Pass
		50	0	23.31	-4.50	18.81	<=30	Pass
			25	23.33	-4.50	18.83	<=30	Pass
			50	23.31	-4.50	18.81	<=30	Pass
		100	0	23.30	-4.50	18.80	<=30	Pass

	1770	1	0	24.17	-4.50	19.67	<=30	Pass
			50	24.16	-4.50	19.66	<=30	Pass
			99	24.04	-4.50	19.54	<=30	Pass
		50	0	23.26	-4.50	18.76	<=30	Pass
			25	23.22	-4.50	18.72	<=30	Pass
			50	23.15	-4.50	18.65	<=30	Pass
		100	0	23.21	-4.50	18.71	<=30	Pass
16QAM	1720	1	0	23.44	-4.50	18.94	<=30	Pass
			50	23.48	-4.50	18.98	<=30	Pass
			99	23.41	-4.50	18.91	<=30	Pass
		50	0	22.37	-4.50	17.87	<=30	Pass
			25	22.40	-4.50	17.90	<=30	Pass
			50	22.34	-4.50	17.84	<=30	Pass
		100	0	22.34	-4.50	17.84	<=30	Pass
	1745	1	0	23.17	-4.50	18.67	<=30	Pass
			50	23.26	-4.50	18.76	<=30	Pass
			99	23.15	-4.50	18.65	<=30	Pass
		50	0	22.27	-4.50	17.77	<=30	Pass
			25	22.28	-4.50	17.78	<=30	Pass
			50	22.27	-4.50	17.77	<=30	Pass
		100	0	22.29	-4.50	17.79	<=30	Pass
	1770	1	0	23.12	-4.50	18.62	<=30	Pass
			50	23.05	-4.50	18.55	<=30	Pass
			99	22.94	-4.50	18.44	<=30	Pass
		50	0	22.25	-4.50	17.75	<=30	Pass
			25	22.27	-4.50	17.77	<=30	Pass
			50	22.20	-4.50	17.70	<=30	Pass
		100	0	22.24	-4.50	17.74	<=30	Pass
64QAM	1720	1	0	22.34	-4.50	17.84	<=30	Pass
			50	22.37	-4.50	17.87	<=30	Pass
			99	22.30	-4.50	17.80	<=30	Pass
		50	0	21.34	-4.50	16.84	<=30	Pass
			25	21.35	-4.50	16.85	<=30	Pass
			50	21.32	-4.50	16.82	<=30	Pass
		100	0	21.35	-4.50	16.85	<=30	Pass
	1745	1	0	22.33	-4.50	17.83	<=30	Pass
			50	22.40	-4.50	17.90	<=30	Pass
			99	22.31	-4.50	17.81	<=30	Pass
		50	0	21.28	-4.50	16.78	<=30	Pass
			25	21.29	-4.50	16.79	<=30	Pass
			50	21.29	-4.50	16.79	<=30	Pass
		100	0	21.26	-4.50	16.76	<=30	Pass
	1770	1	0	22.59	-4.50	18.09	<=30	Pass
			50	22.55	-4.50	18.05	<=30	Pass
			99	22.45	-4.50	17.95	<=30	Pass
		50	0	21.29	-4.50	16.79	<=30	Pass
			25	21.27	-4.50	16.77	<=30	Pass
			50	21.21	-4.50	16.71	<=30	Pass
		100	0	21.22	-4.50	16.72	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	50	0	20	LV	-0.370	-0.0002	-2.5 to 2.5	Pass

					NV	4.503	0.0026	-2.5 to 2.5	Pass
					HV	0.577	0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	NV	-2.163	-0.0012	-2.5 to 2.5	Pass
				-10	NV	2.527	0.0014	-2.5 to 2.5	Pass
				0	NV	0.694	0.0004	-2.5 to 2.5	Pass
				10	NV	1.669	0.0010	-2.5 to 2.5	Pass
				30	NV	-0.673	-0.0004	-2.5 to 2.5	Pass
				40	NV	-4.319	-0.0025	-2.5 to 2.5	Pass
				50	NV	-3.131	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.113	/	Pass
	16QAM	1745	6	0	1.108	/	Pass
	64QAM	1745	6	0	1.107	/	Pass
3	QPSK	1745	15	0	2.737	/	Pass
	16QAM	1745	15	0	2.731	/	Pass
	64QAM	1745	15	0	2.734	/	Pass
5	QPSK	1745	25	0	4.552	/	Pass
	16QAM	1745	25	0	4.532	/	Pass
	64QAM	1745	25	0	4.560	/	Pass
10	QPSK	1745	50	0	9.061	/	Pass
	16QAM	1745	50	0	9.048	/	Pass
	64QAM	1745	50	0	9.034	/	Pass
15	QPSK	1745	75	0	13.568	/	Pass
	16QAM	1745	75	0	13.599	/	Pass
	64QAM	1745	75	0	13.553	/	Pass
20	QPSK	1745	100	0	18.062	/	Pass
	16QAM	1745	100	0	18.124	/	Pass
	64QAM	1745	100	0	18.109	/	Pass

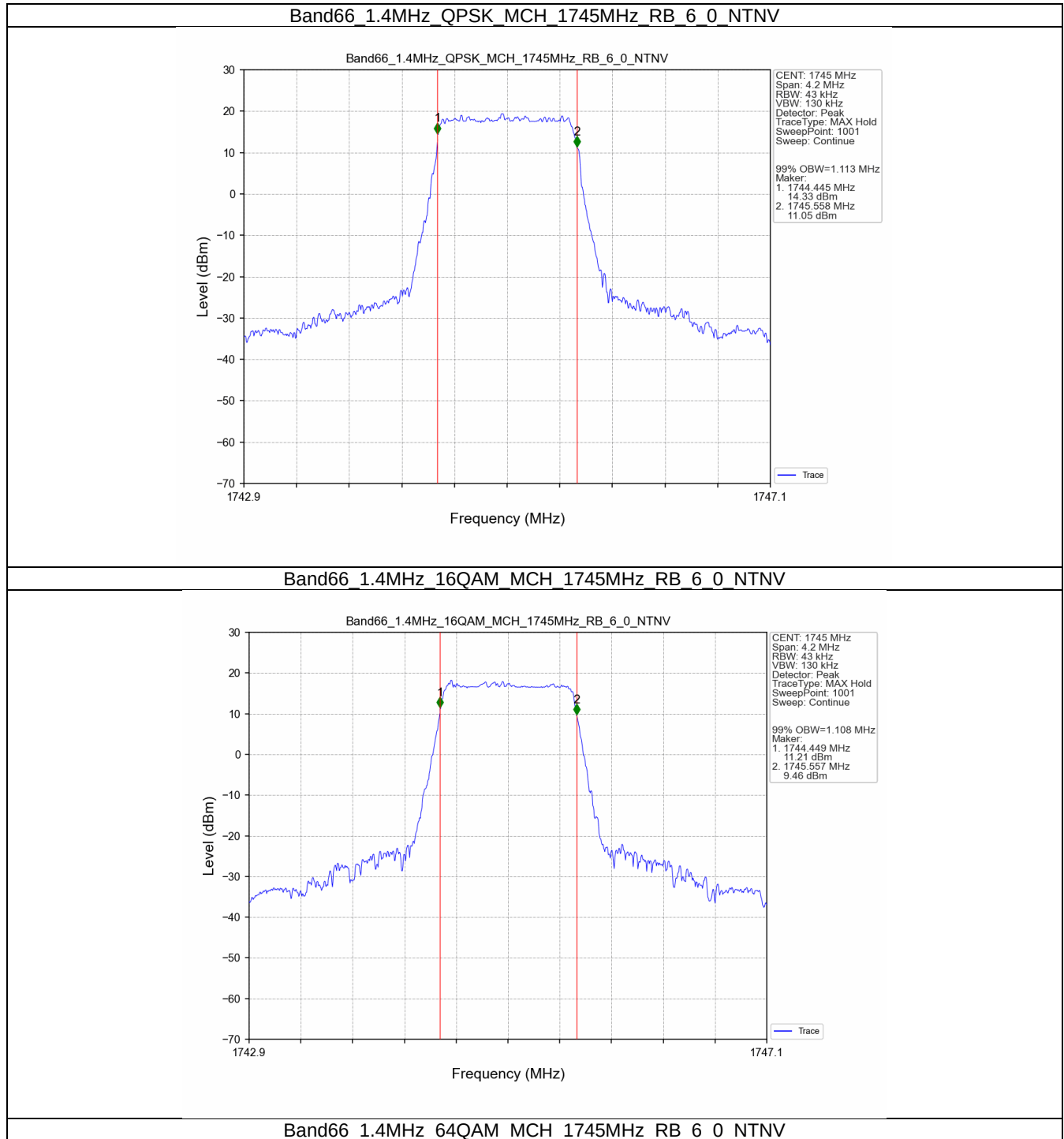
3.1.2 Band66_XDB

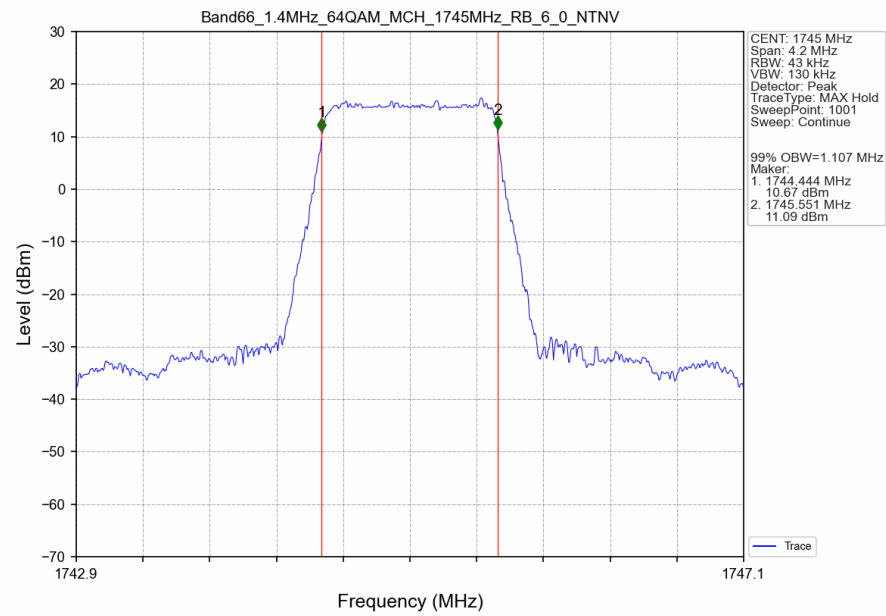
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.312	/	Pass
	16QAM	1745	6	0	1.314	/	Pass
	64QAM	1745	6	0	1.324	/	Pass
3	QPSK	1745	15	0	3.041	/	Pass
	16QAM	1745	15	0	3.051	/	Pass
	64QAM	1745	15	0	3.034	/	Pass
5	QPSK	1745	25	0	5.076	/	Pass
	16QAM	1745	25	0	5.049	/	Pass
	64QAM	1745	25	0	5.076	/	Pass
10	QPSK	1745	50	0	10.043	/	Pass
	16QAM	1745	50	0	9.915	/	Pass
	64QAM	1745	50	0	9.919	/	Pass
15	QPSK	1745	75	0	14.973	/	Pass
	16QAM	1745	75	0	15.028	/	Pass
	64QAM	1745	75	0	14.944	/	Pass
20	QPSK	1745	100	0	19.775	/	Pass

	16QAM	1745	100	0	19.762	/	Pass
	64QAM	1745	100	0	19.886	/	Pass

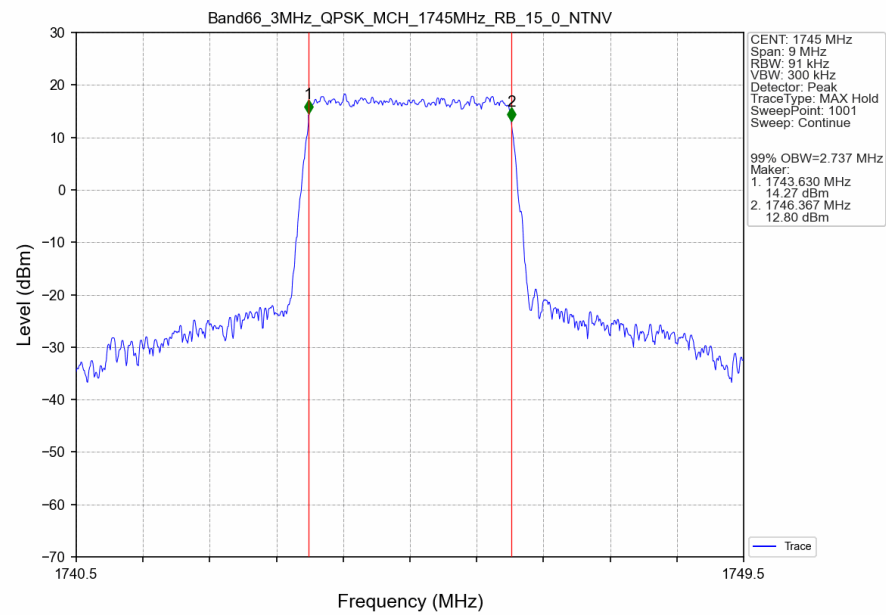
3.2 Test Graph

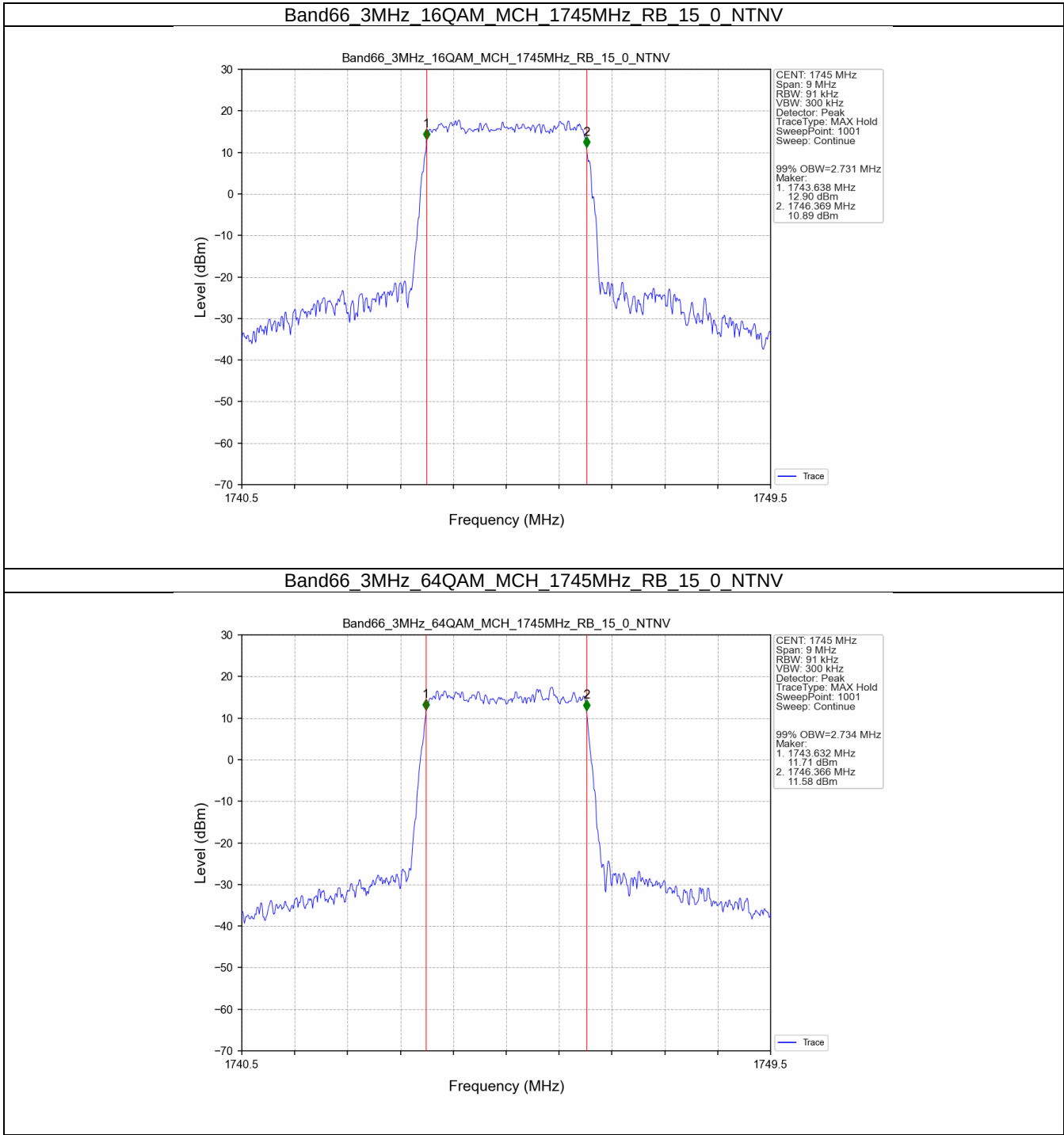
3.2.1 Band66_OBW



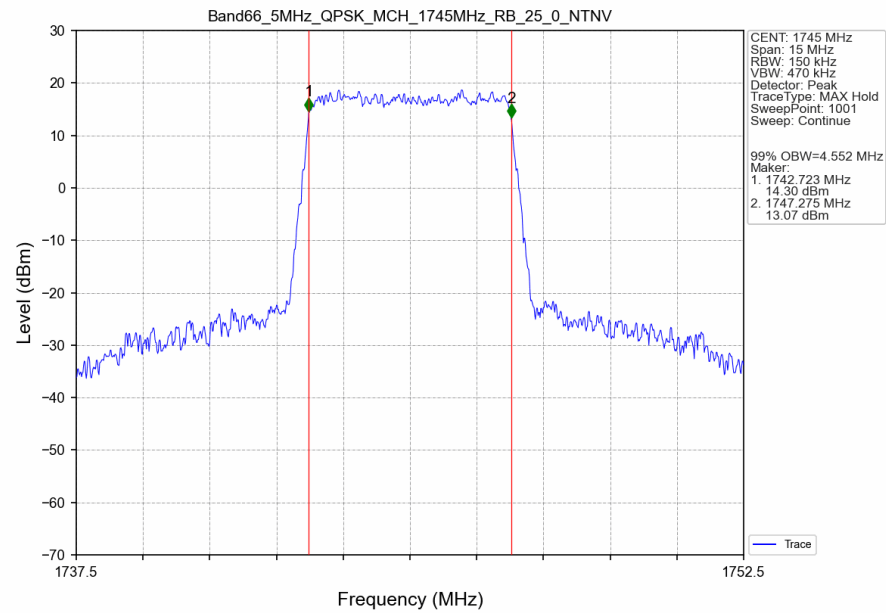


Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTN

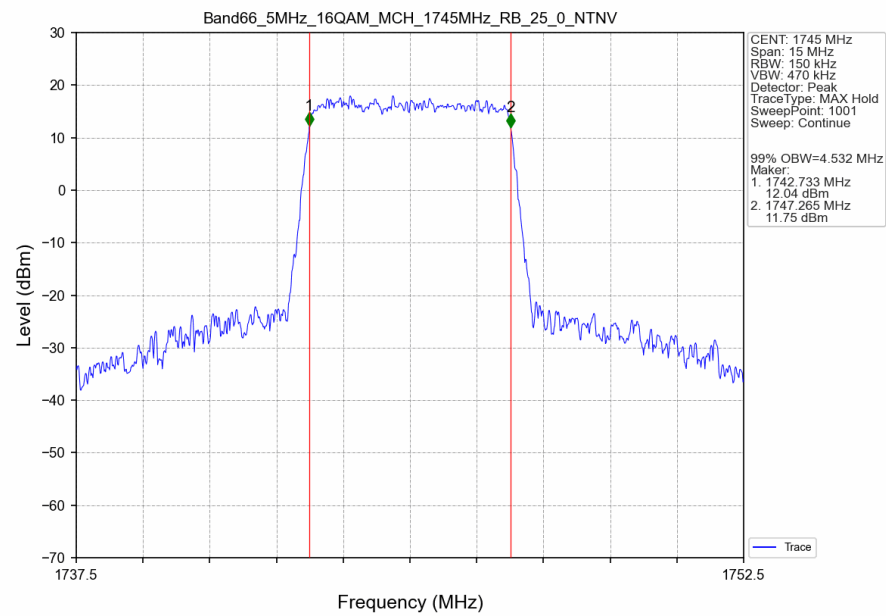




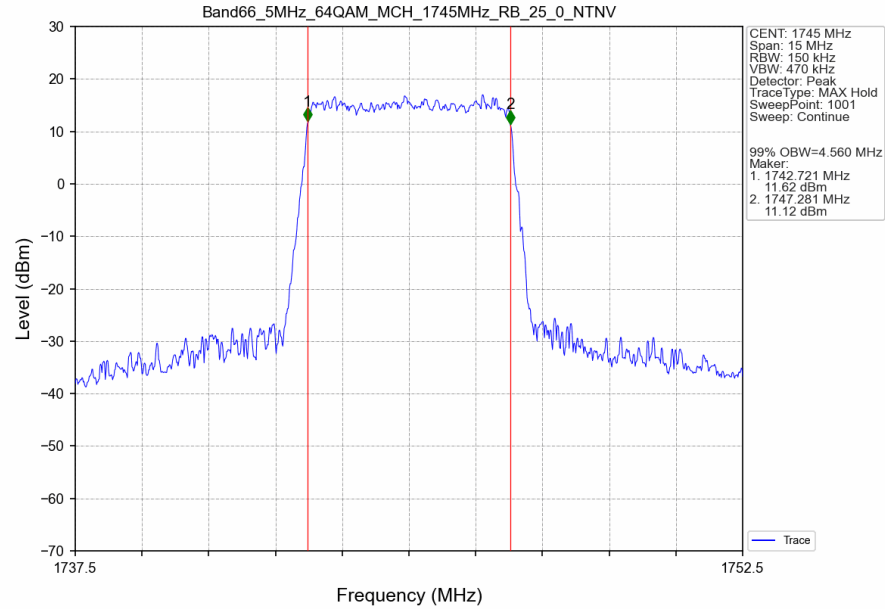
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



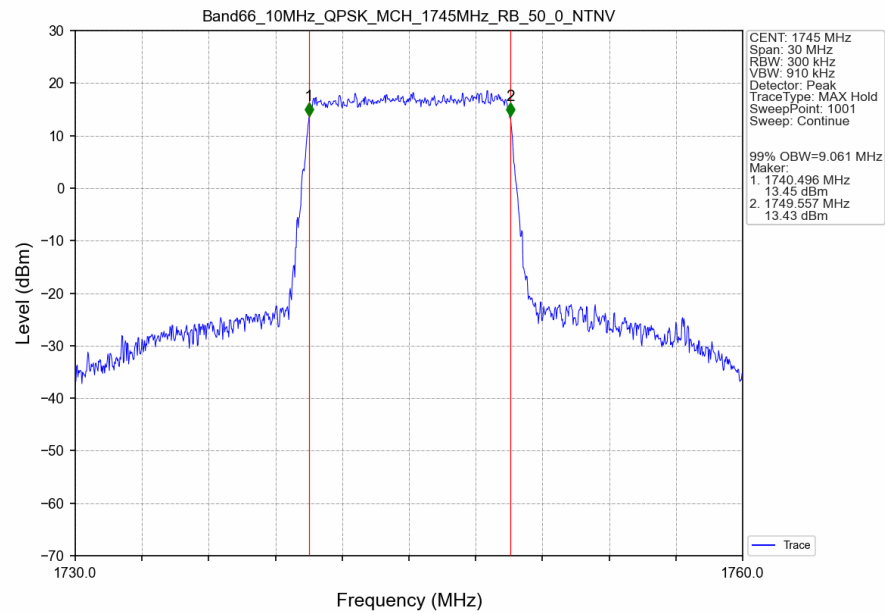
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



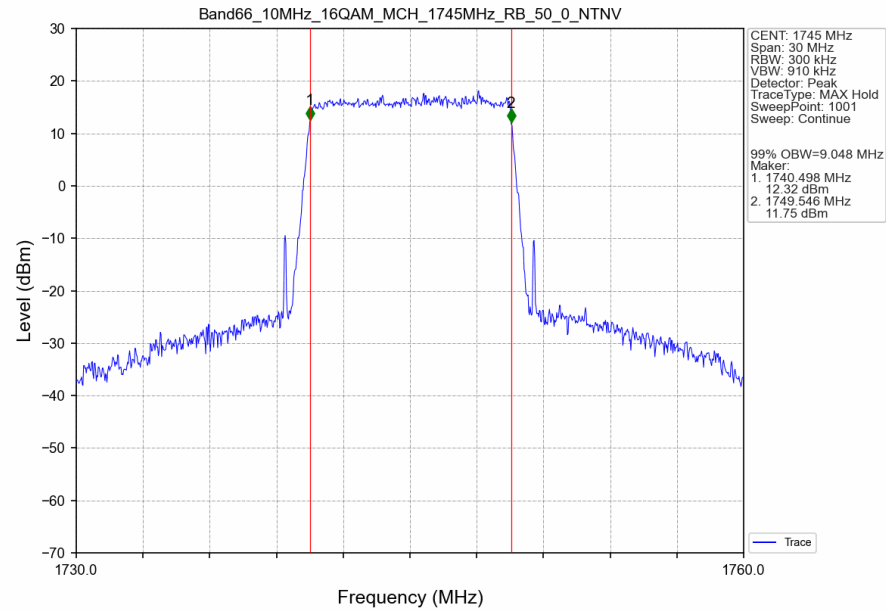
Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



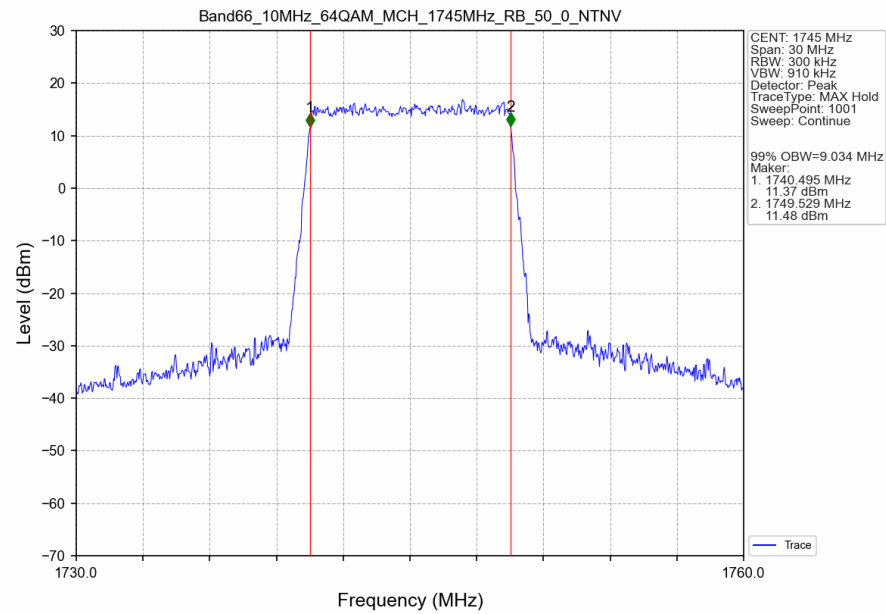
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

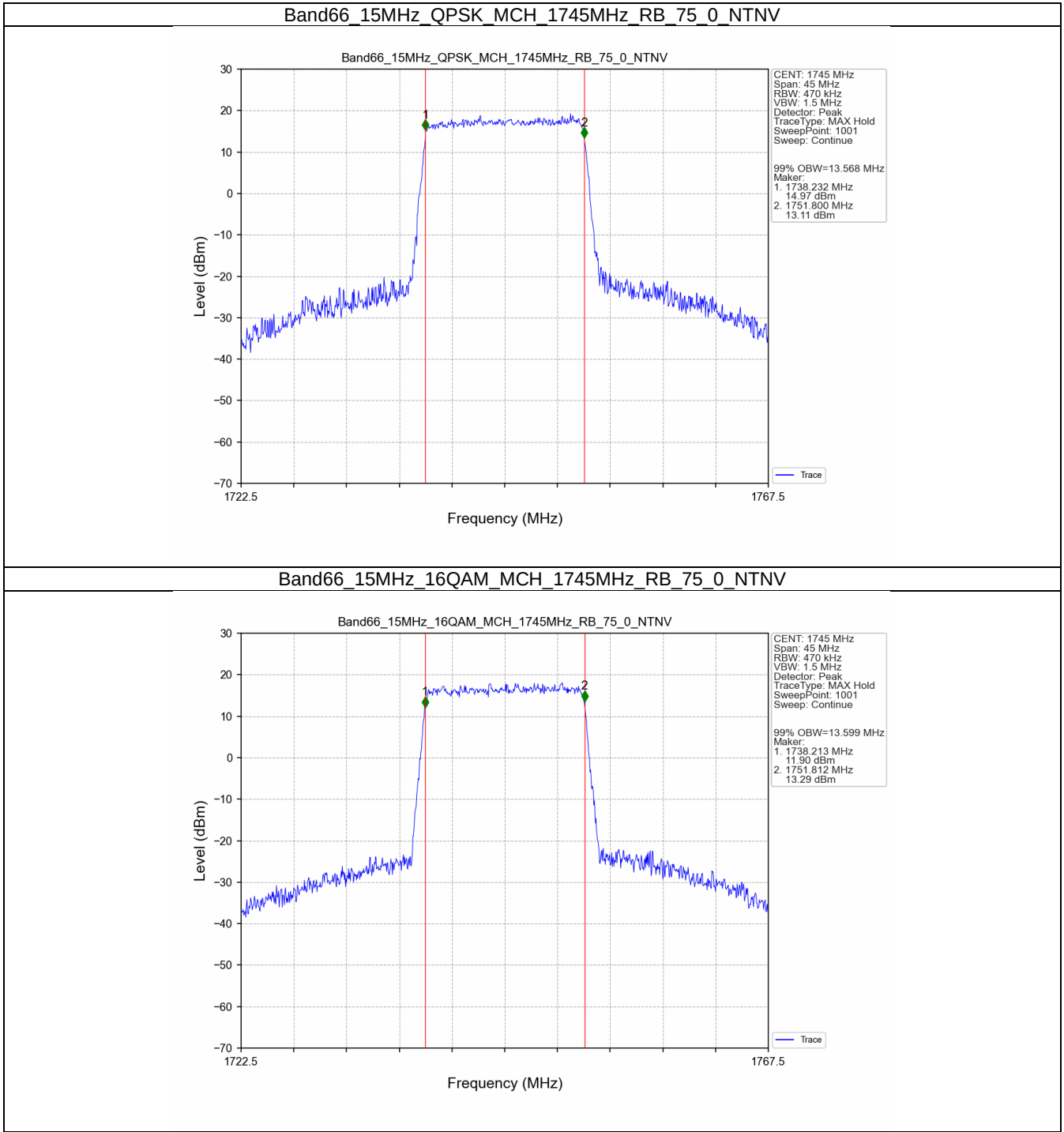


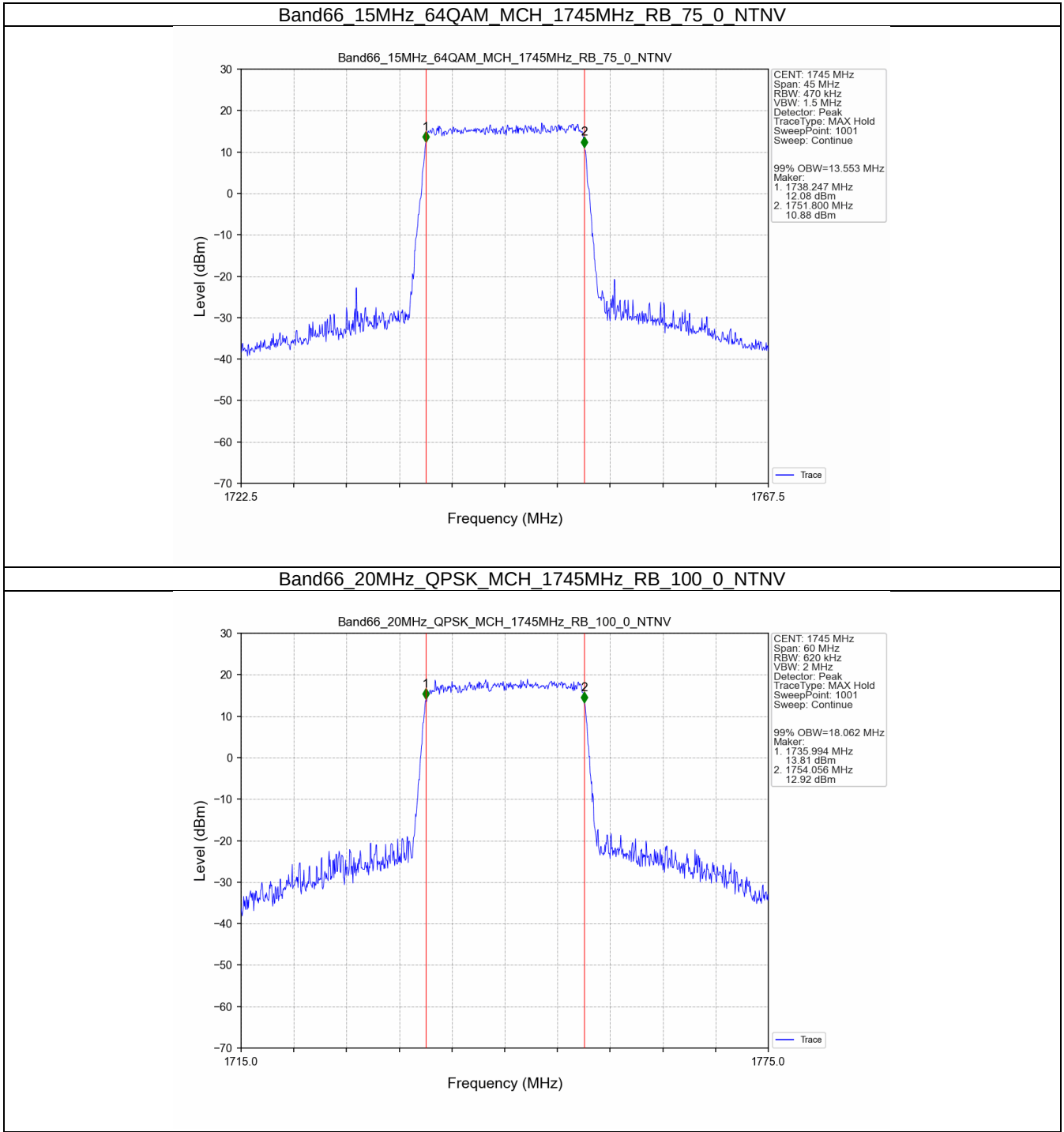
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



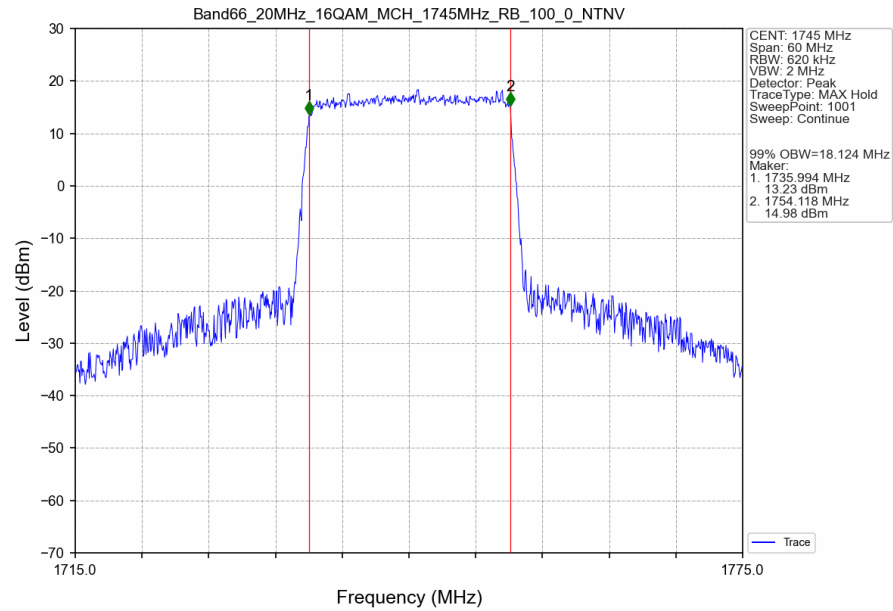
Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



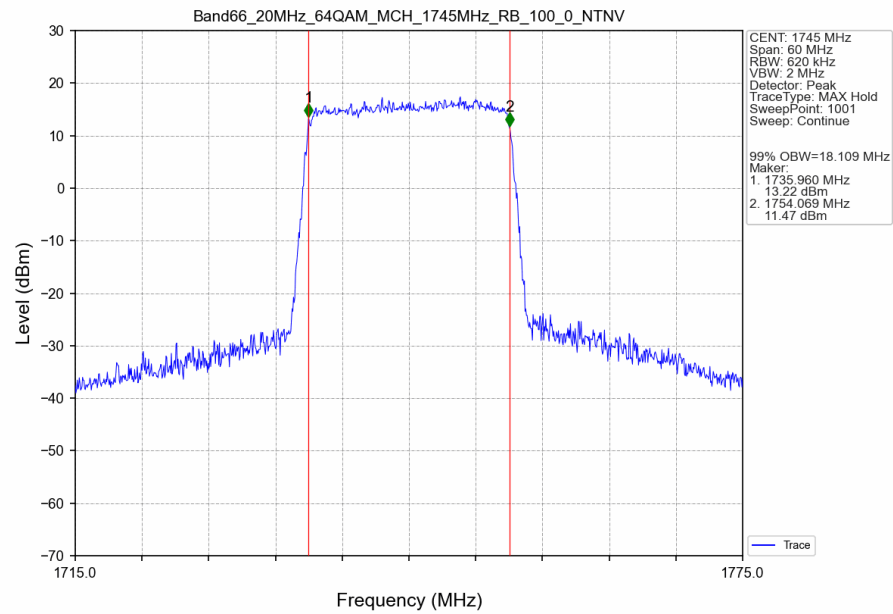




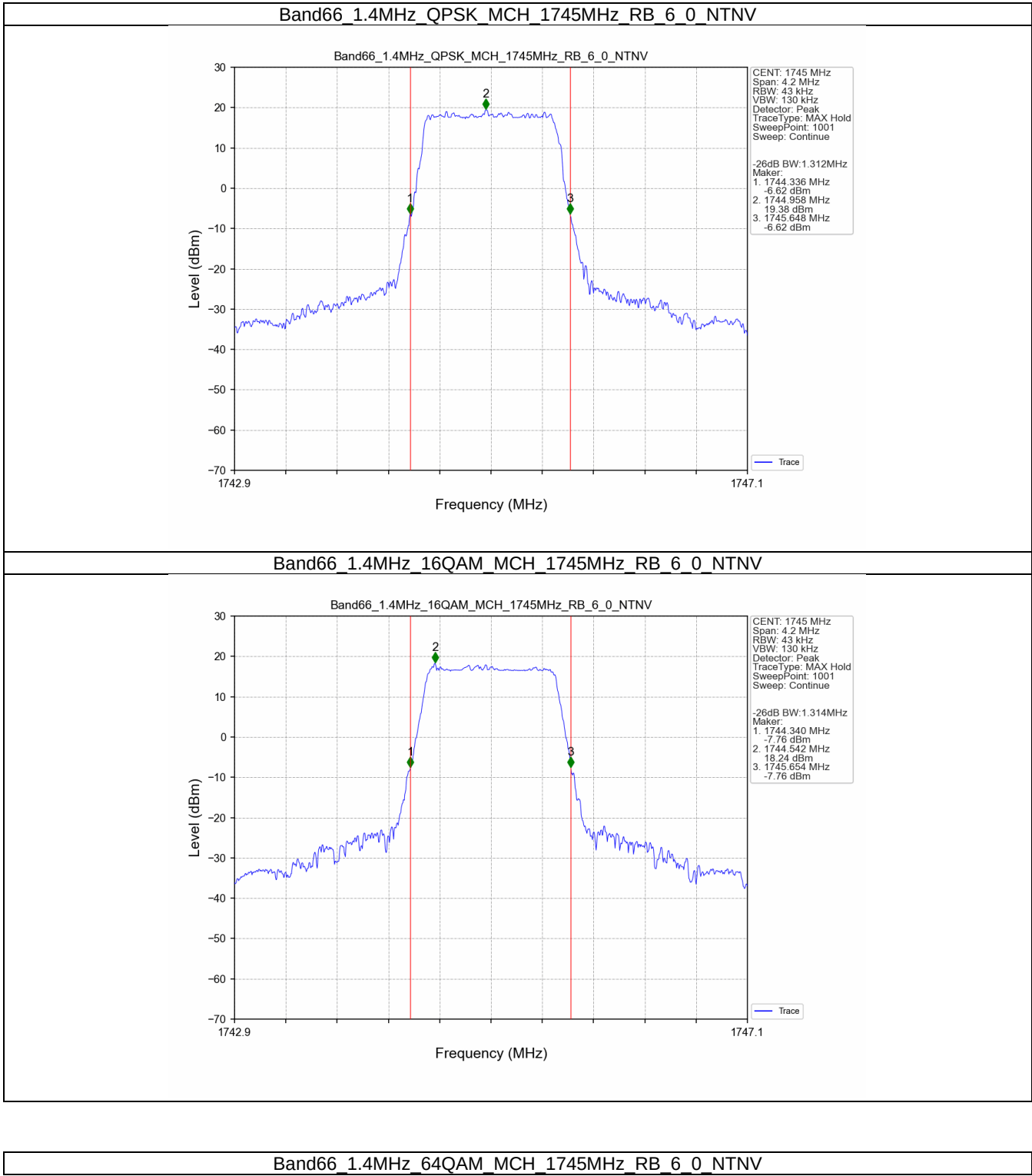
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV

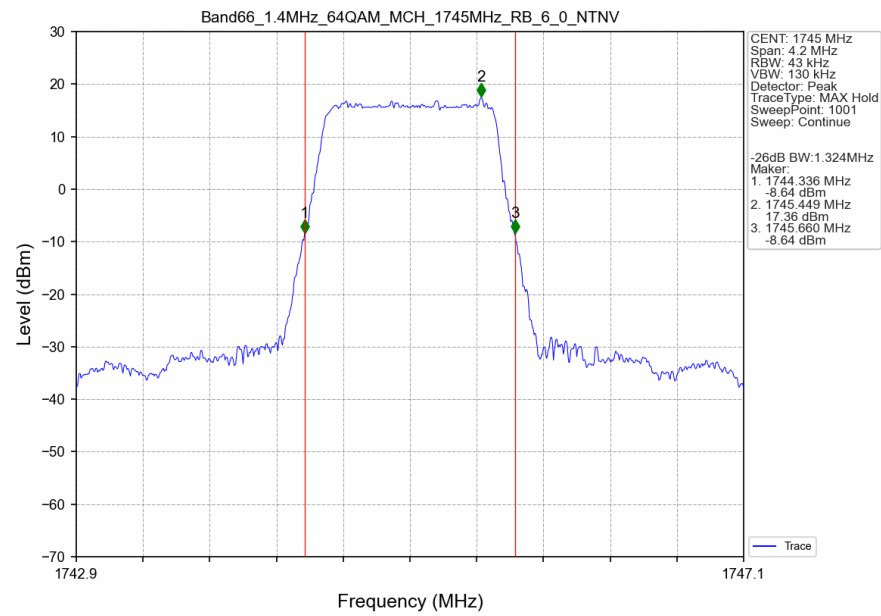


Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV

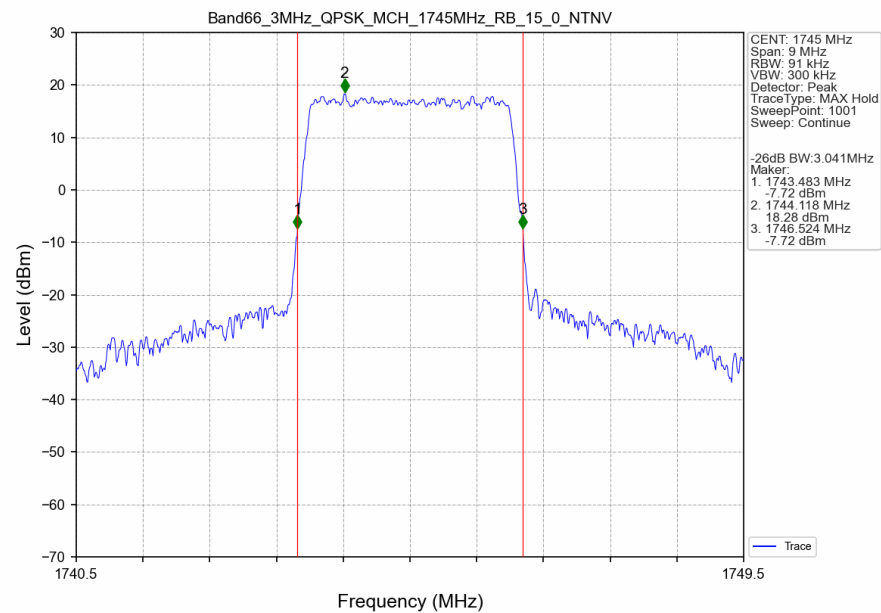


3.2.2 Band66_XDB

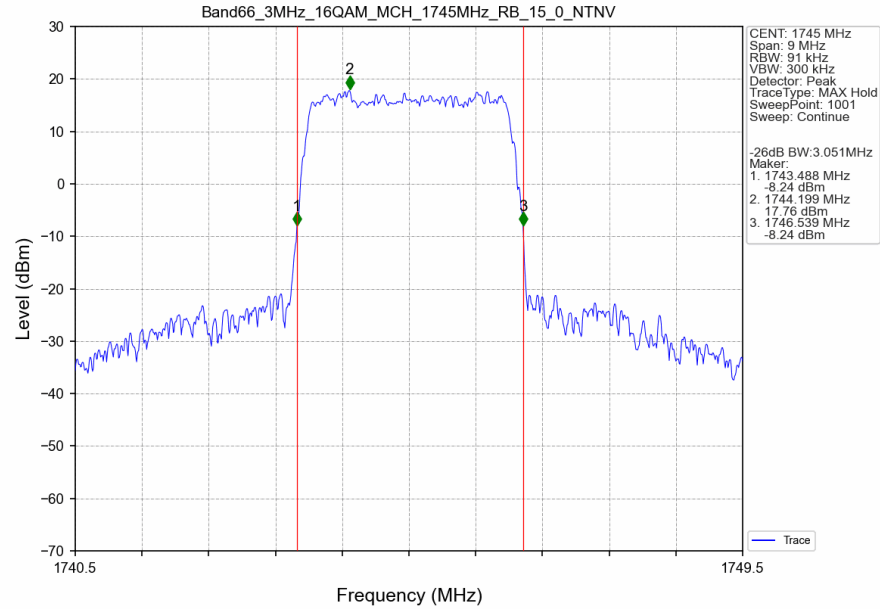




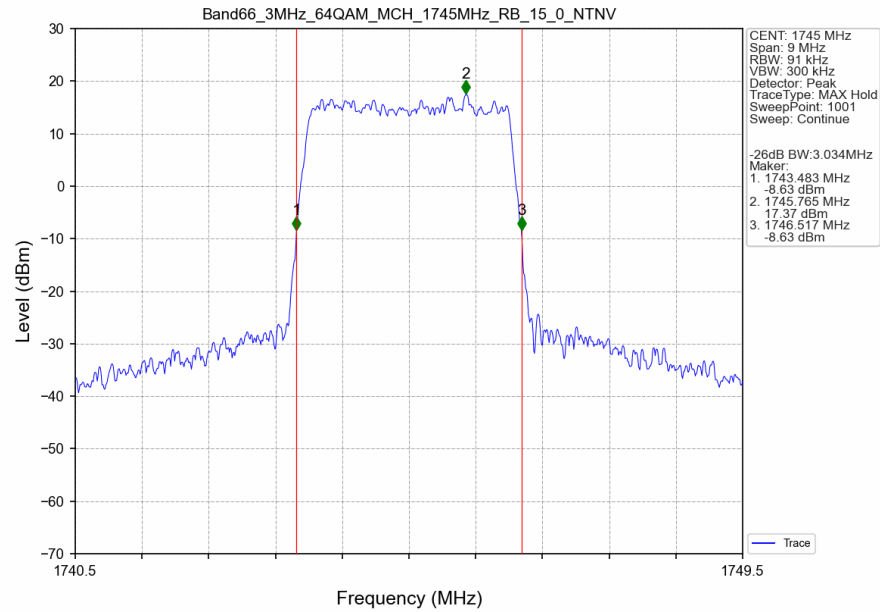
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTN

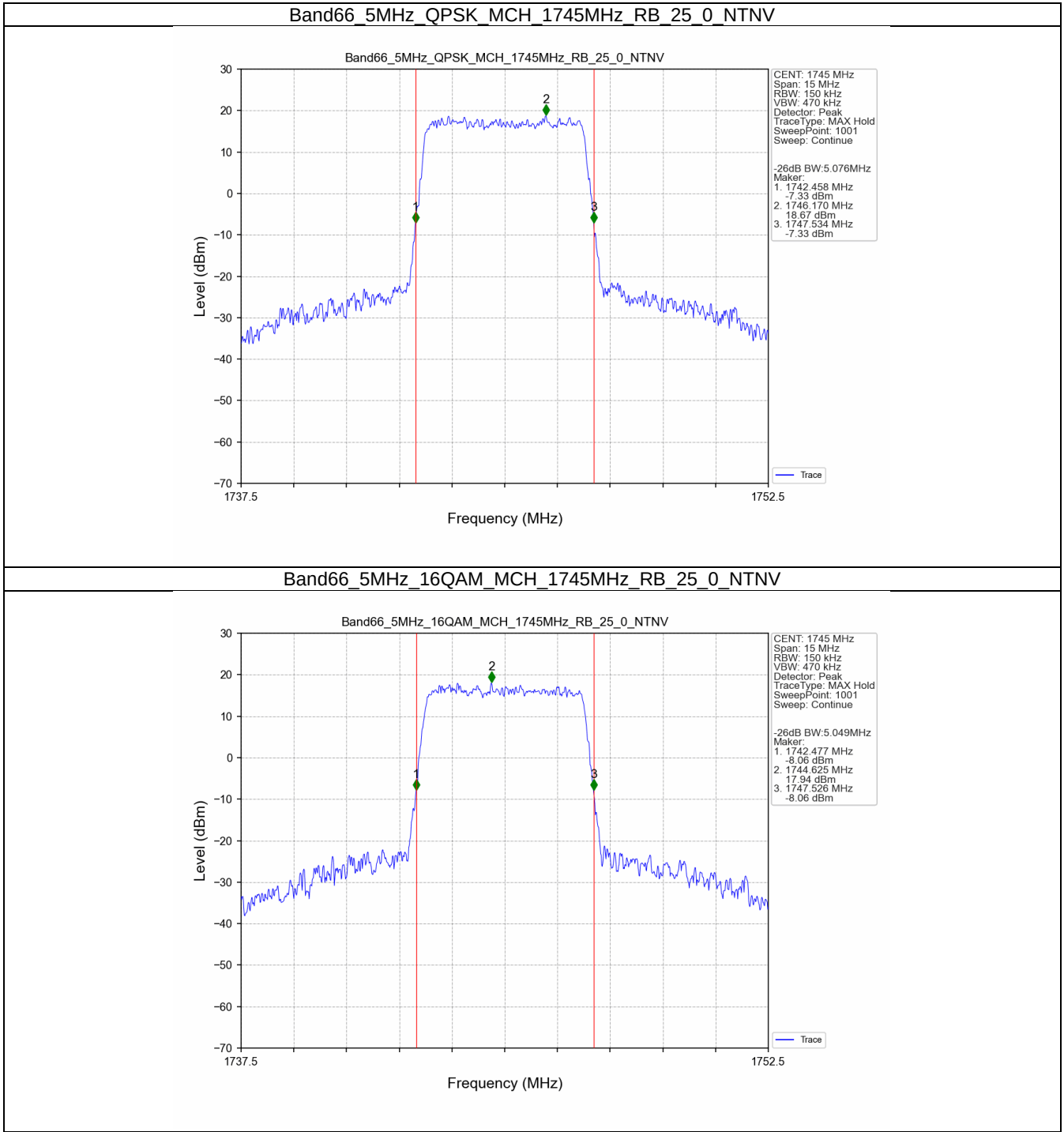


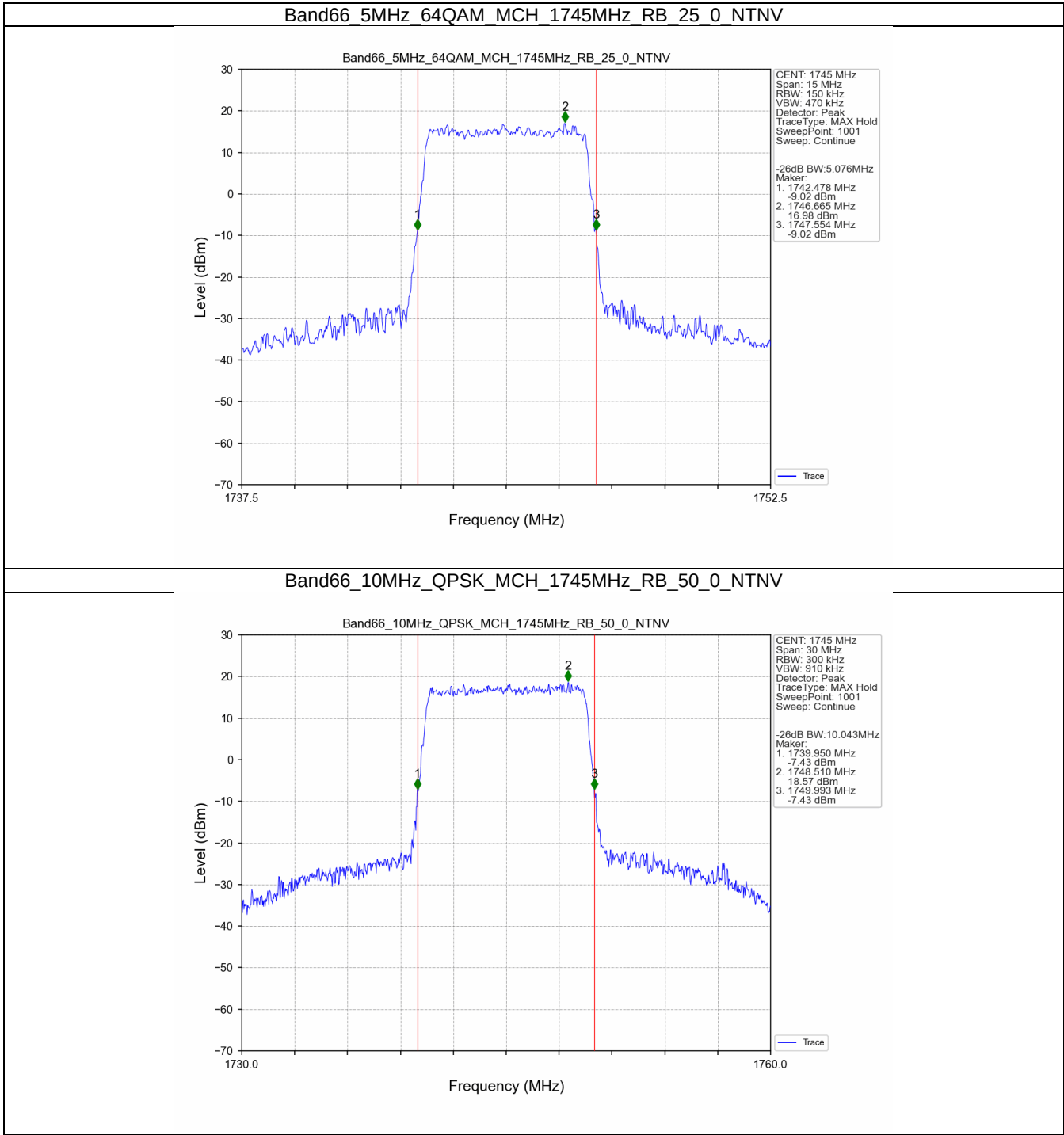
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



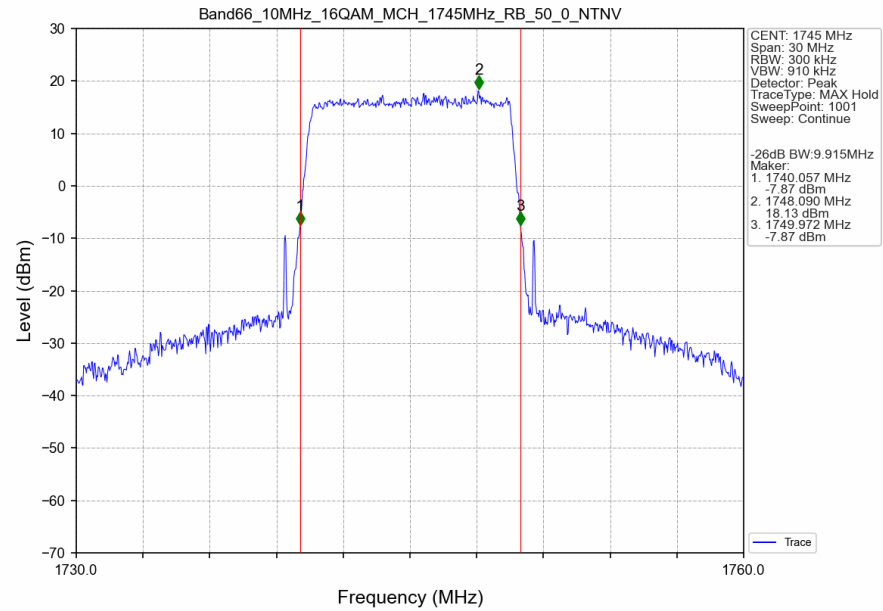
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



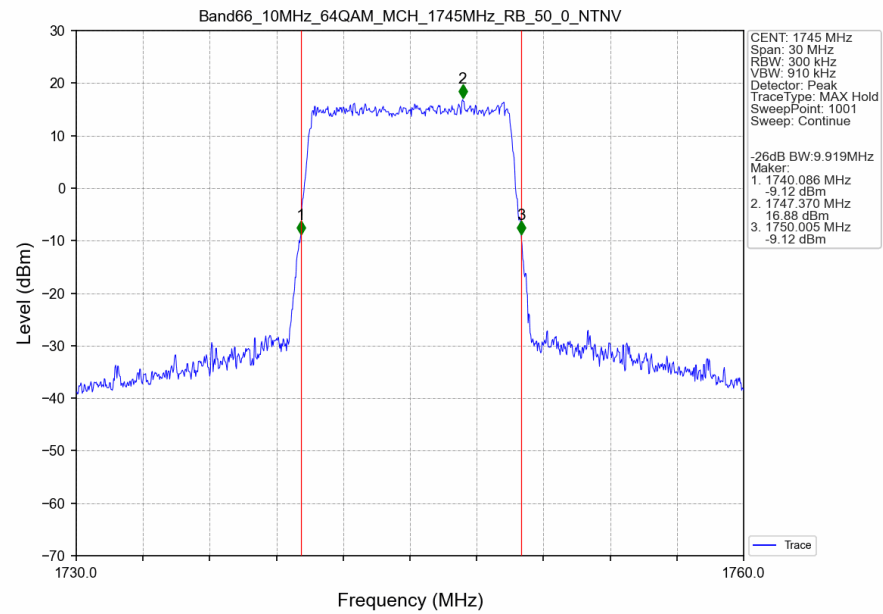




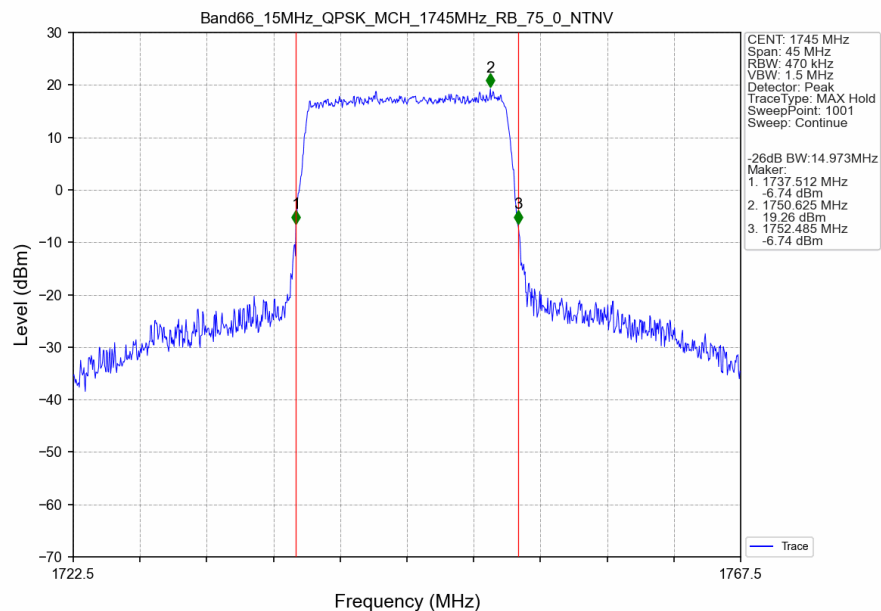
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



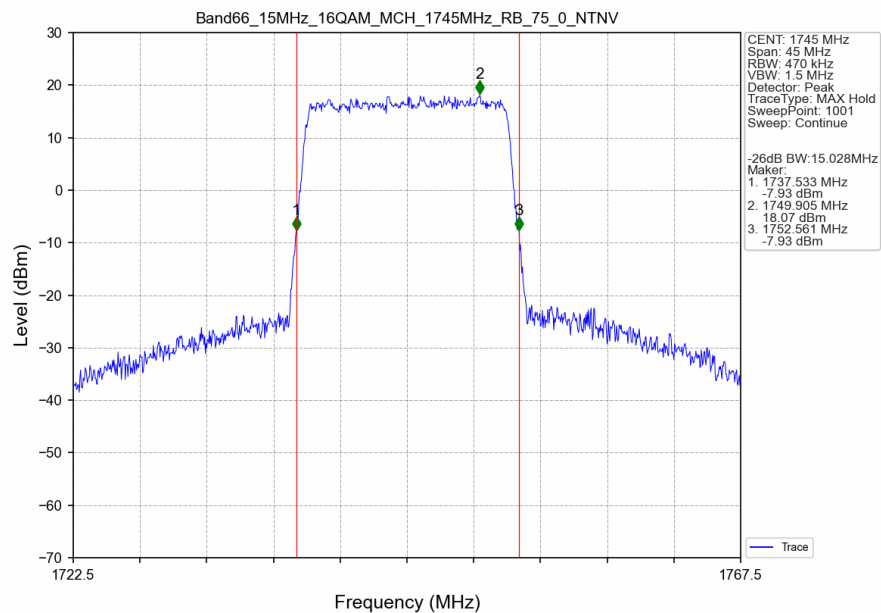
Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV

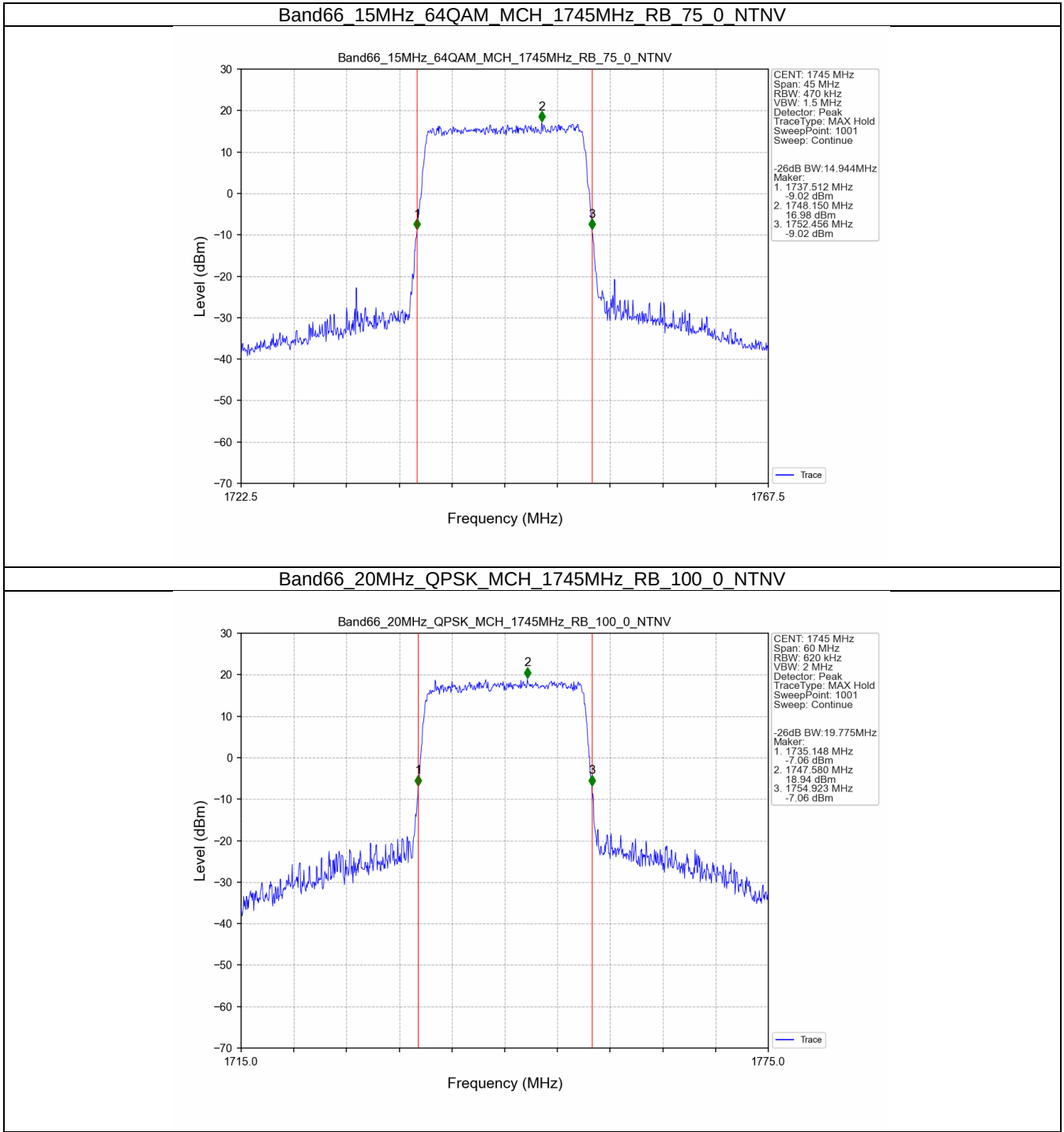


Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

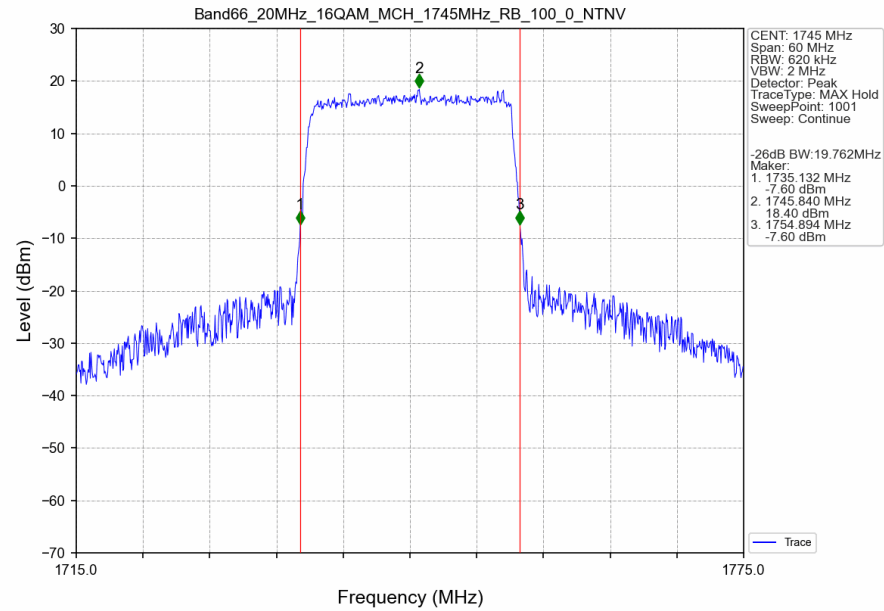


Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

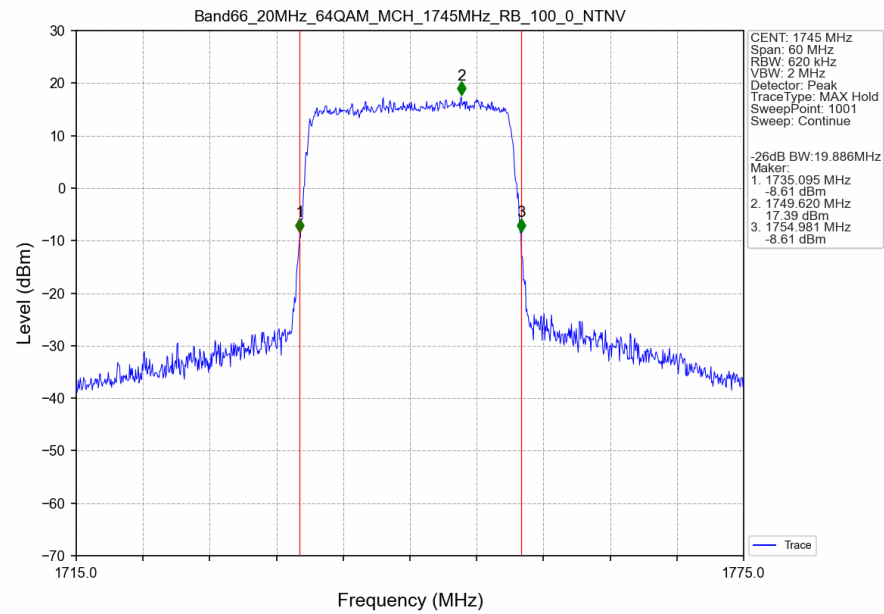




Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

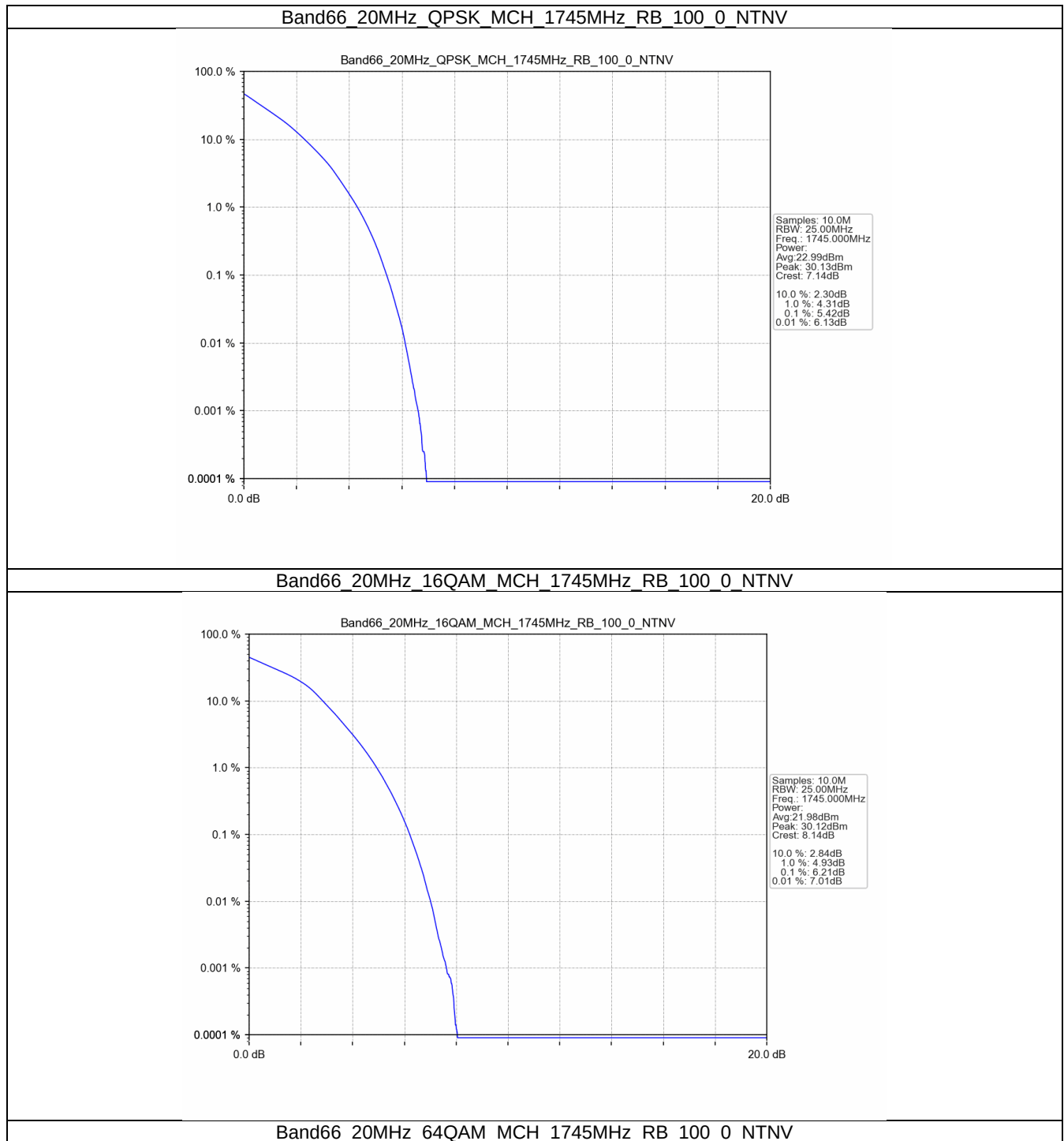
4.1 Test Result

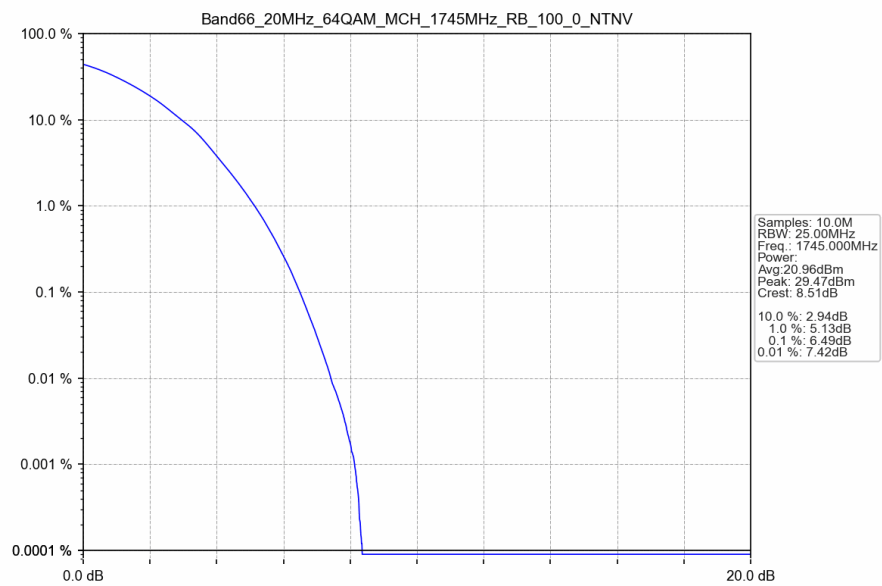
4.1.1 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.42	<=13	Pass
16QAM	1745	100	0	6.21	<=13	Pass
64QAM	1745	100	0	6.49	<=13	Pass

4.2 Test Graph

4.2.1 B66_20MHz





5. Spurious Emission

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B66_15MHz

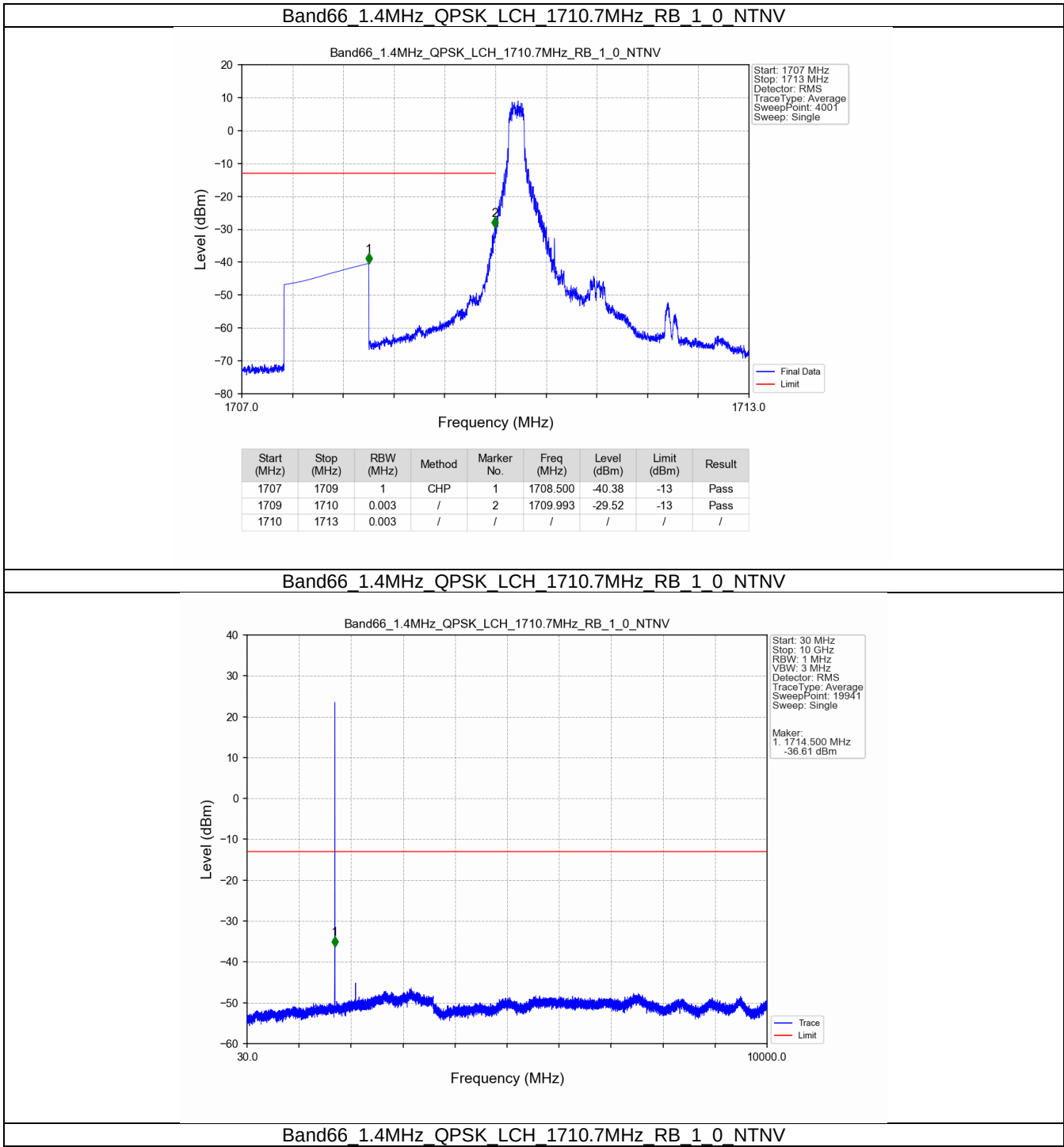
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

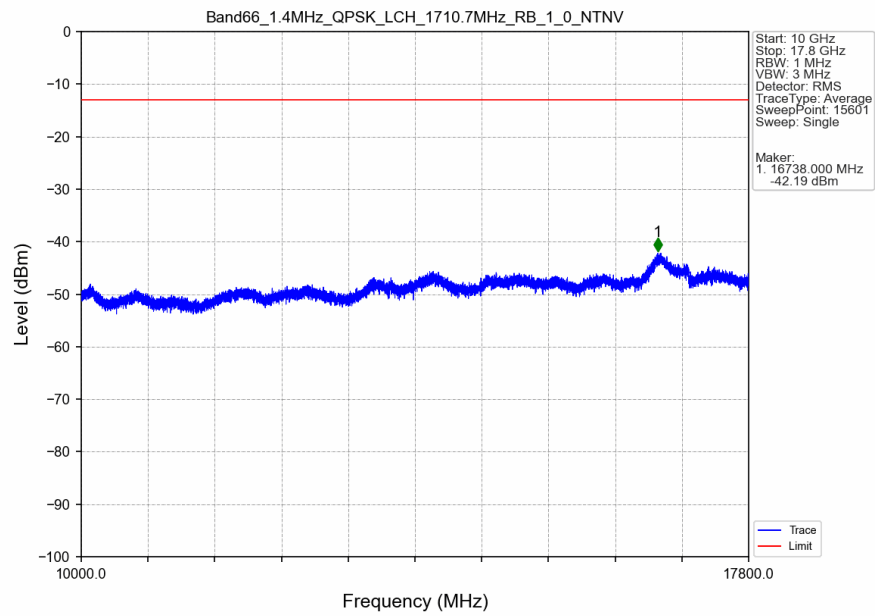
5.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

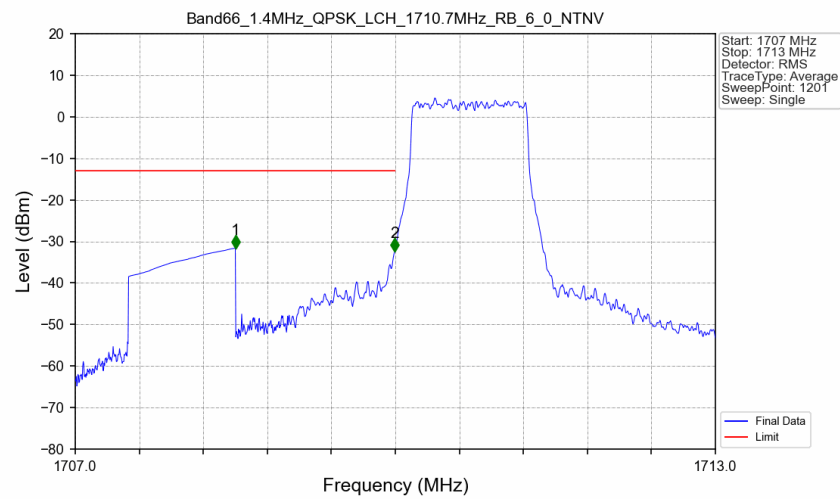
5.2 Test Graph

5.2.1 B66_1.4MHz



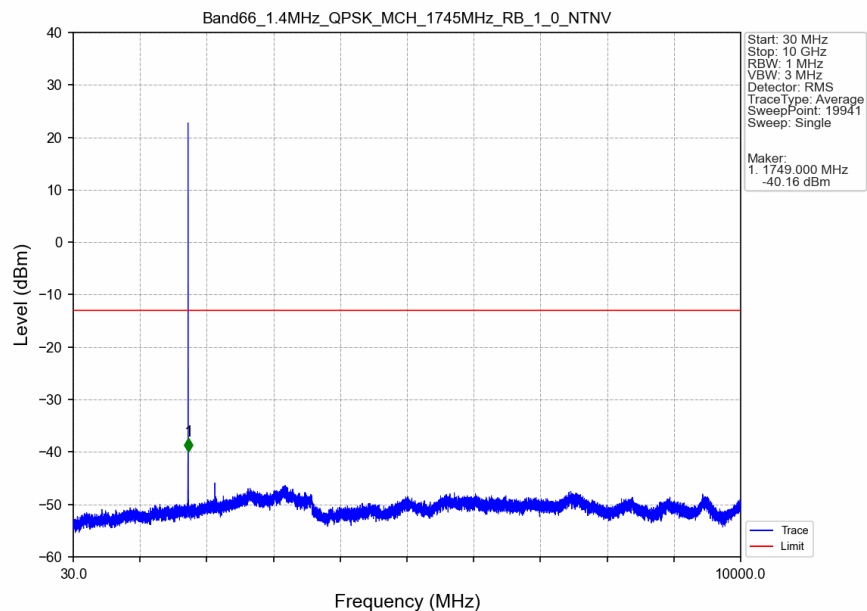


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

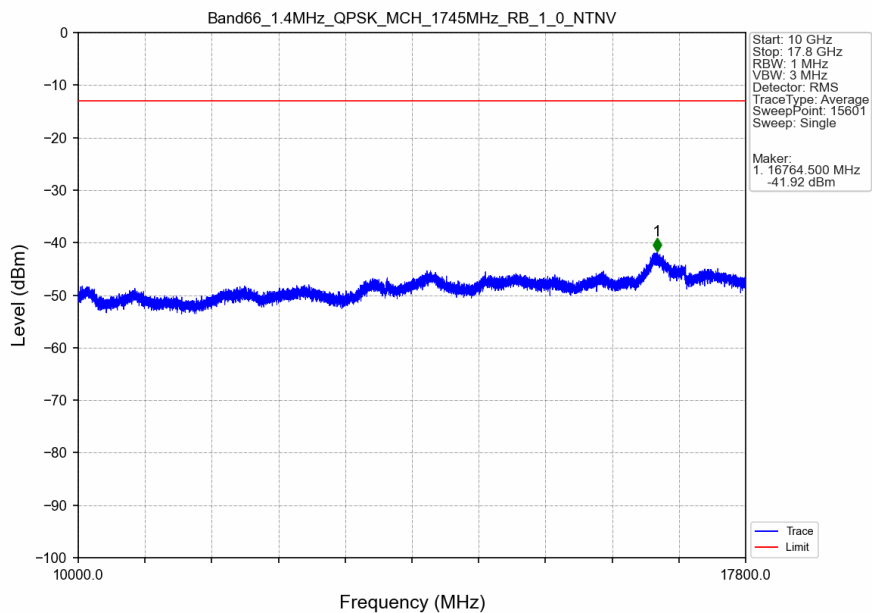


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.59	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.49	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

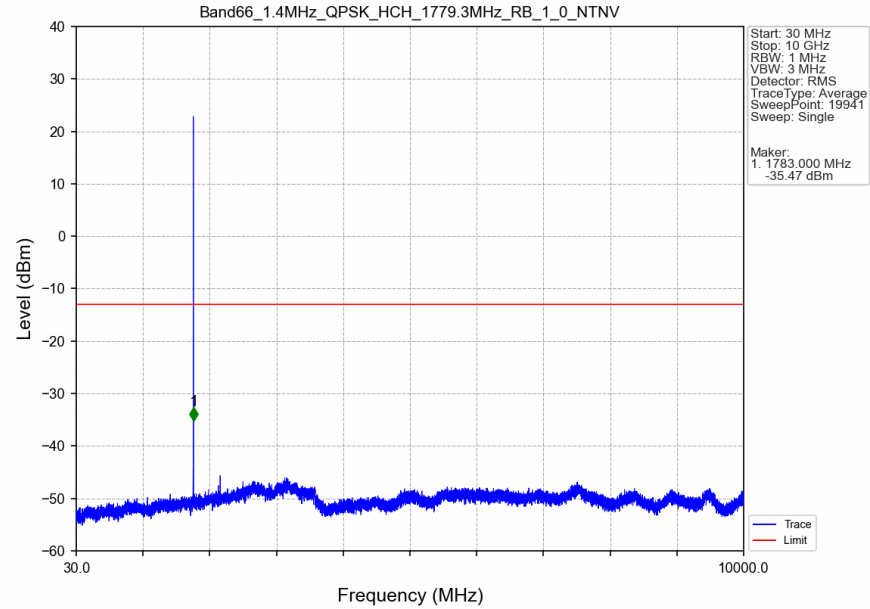
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



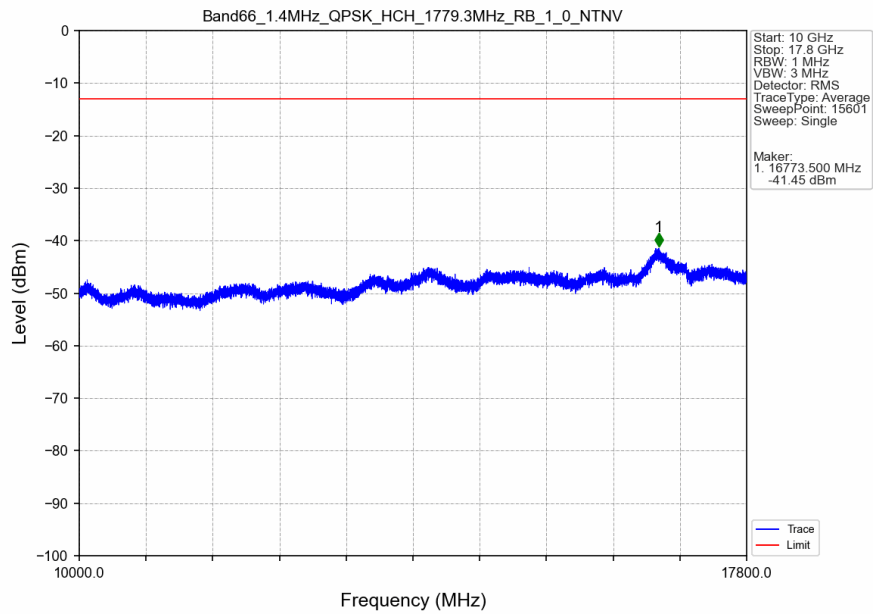
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



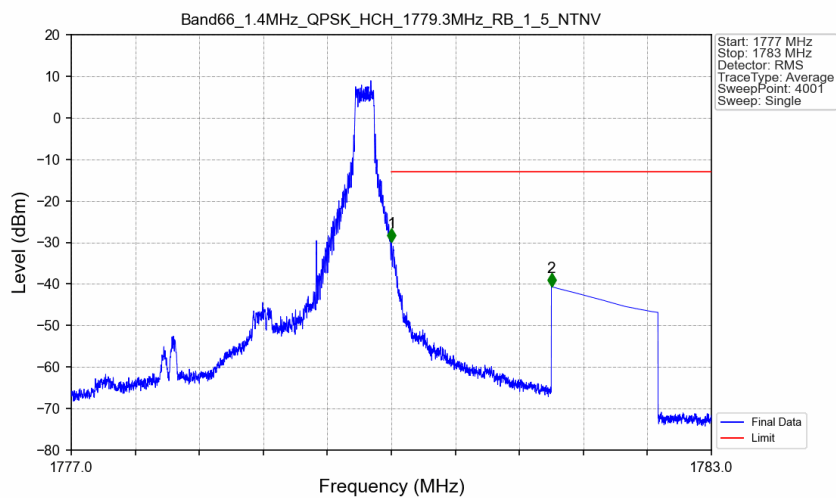
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV

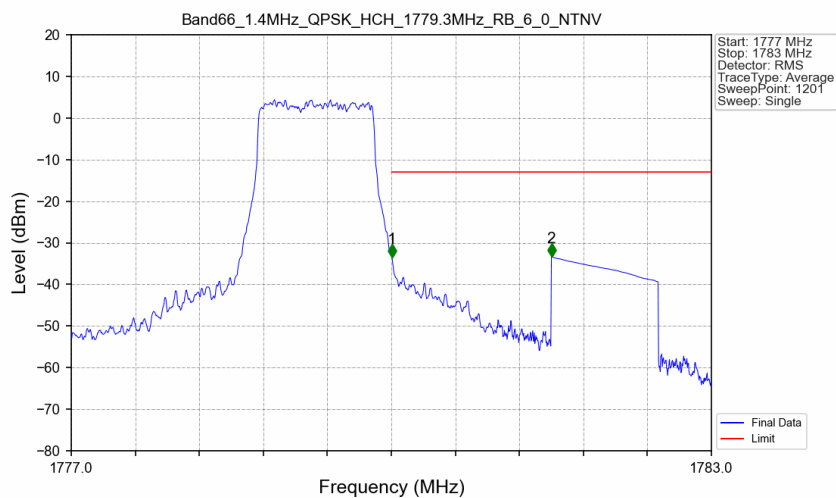


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-29.79	-13	Pass
1781	1783	1	CHP	2	1781.500	-40.65	-13	Pass

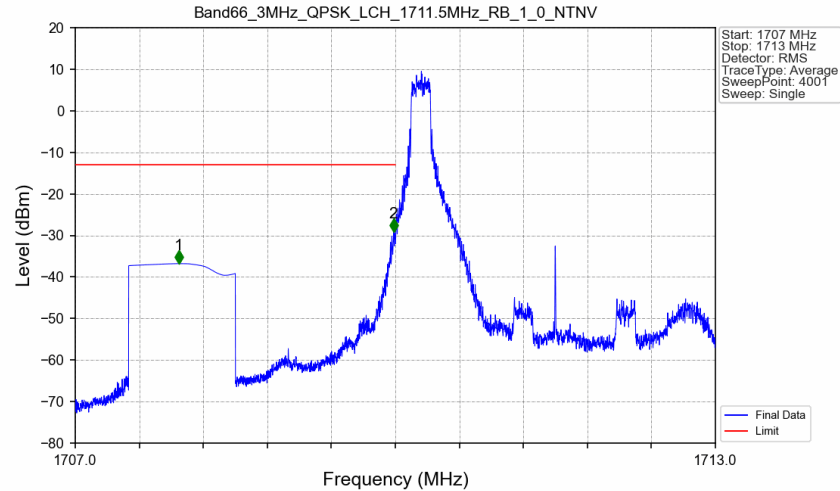
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.005	-33.43	-13	Pass
1781	1783	1	CHP	2	1781.500	-33.36	-13	Pass

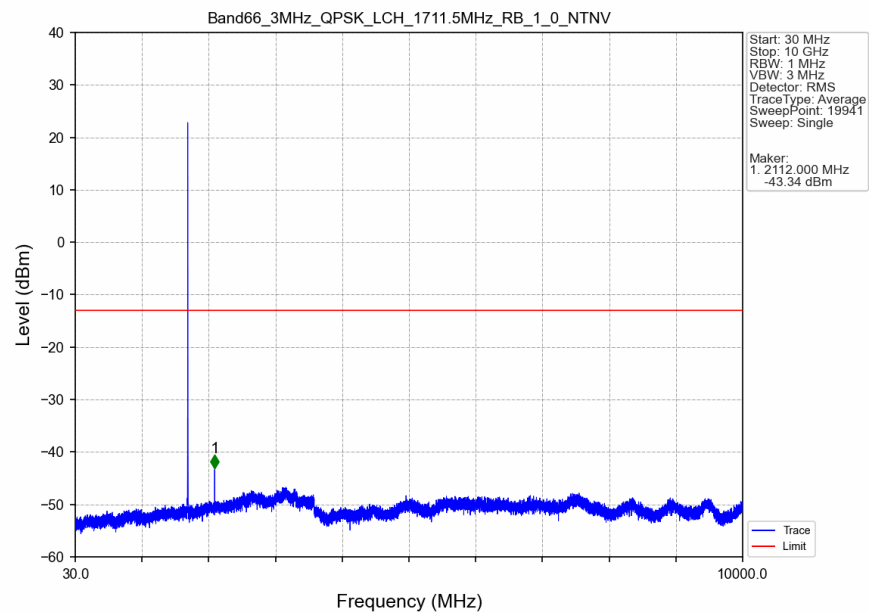
5.2.2 B66_3MHz

Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

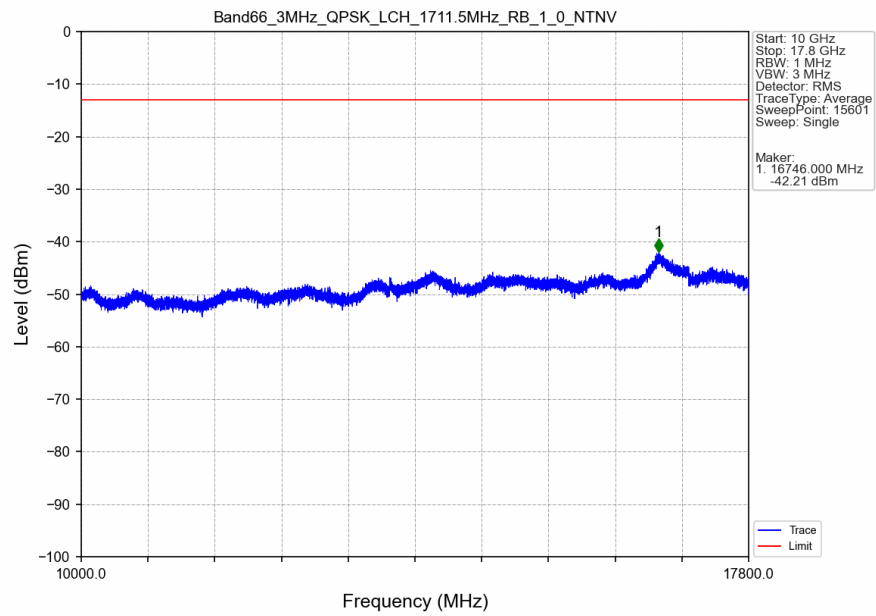


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.970	-36.79	-13	Pass
1709	1710	0.003	/	2	1709.984	-29.11	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

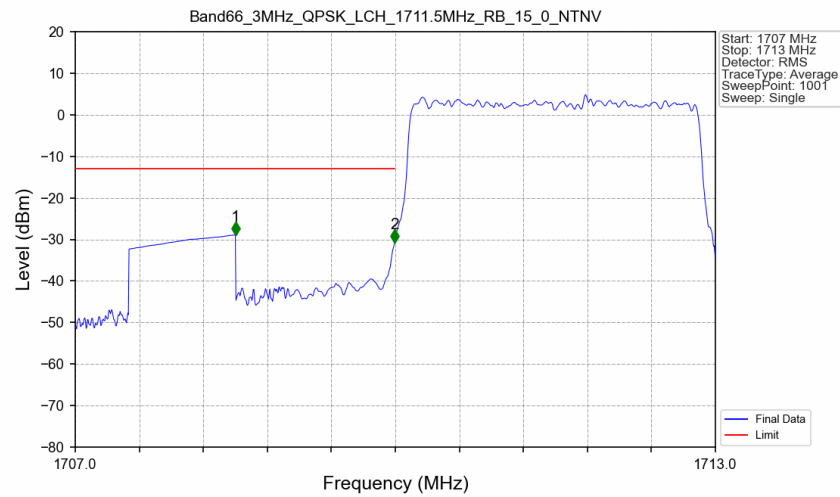
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

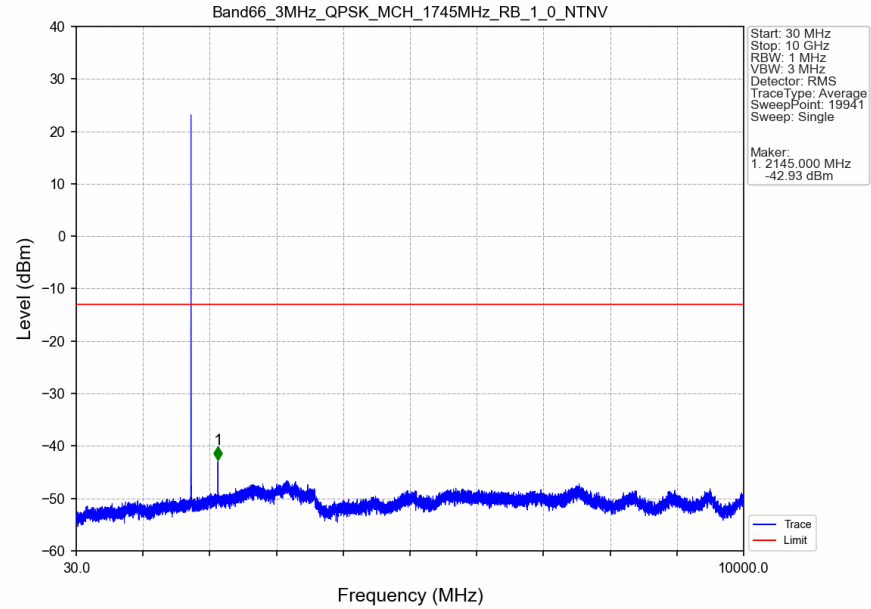


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

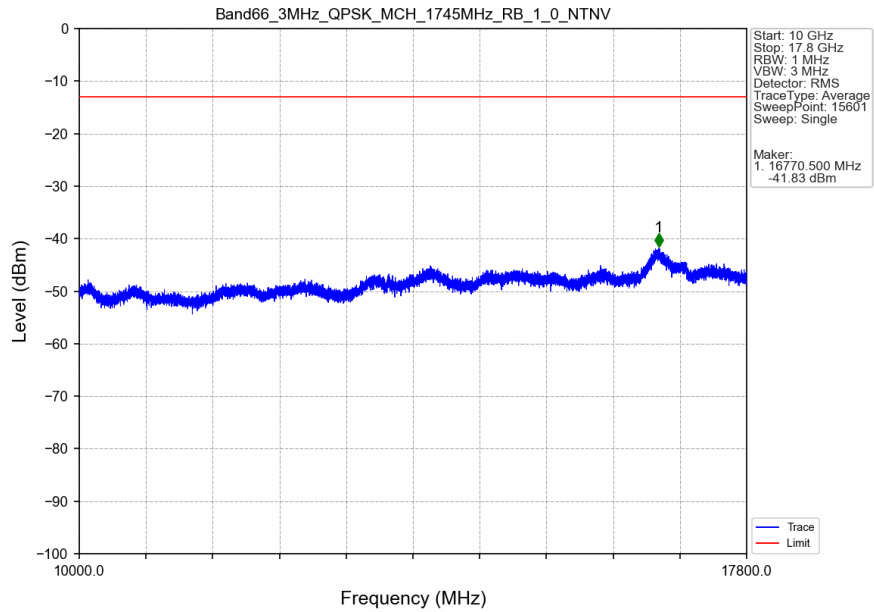


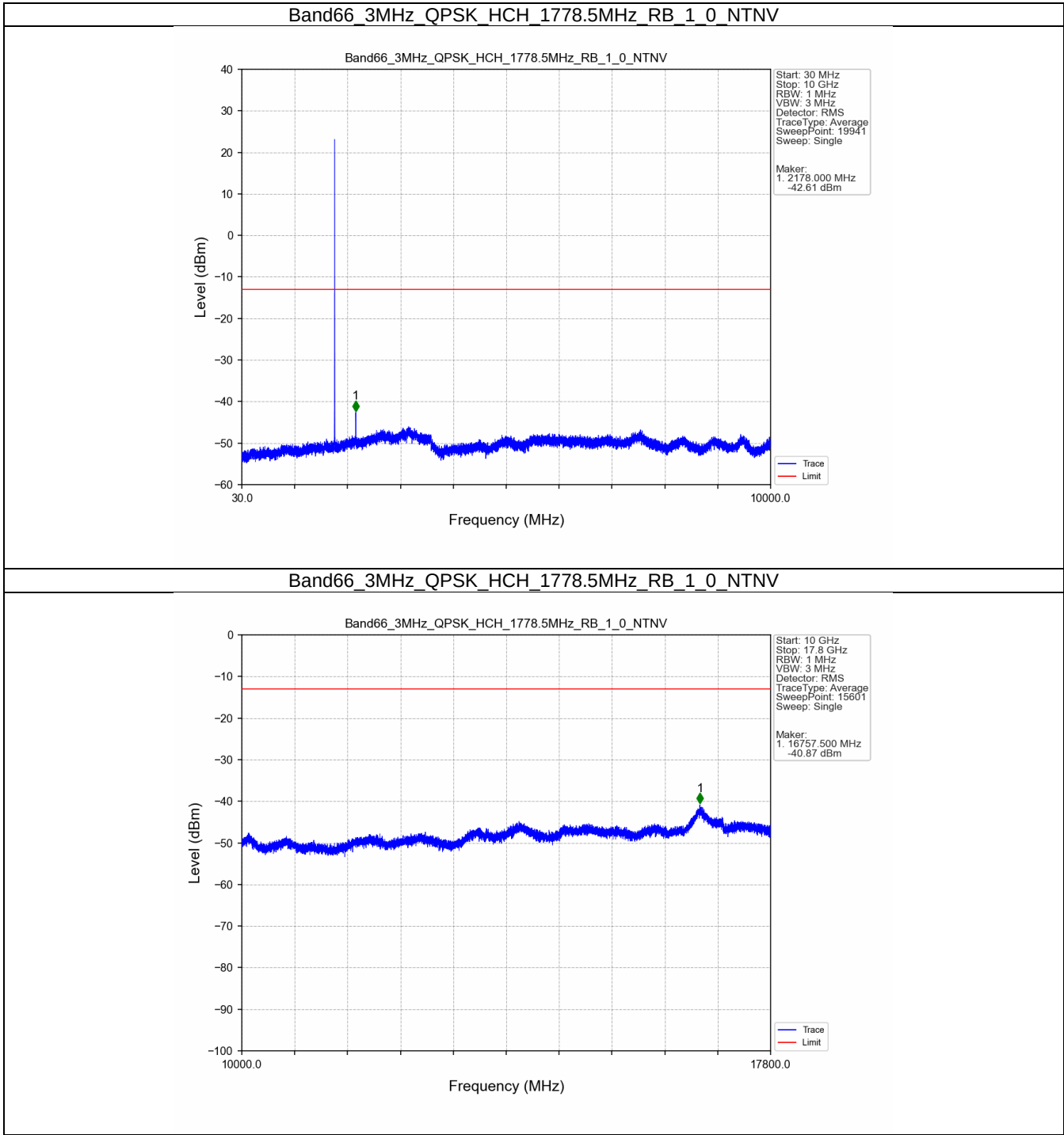
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-28.95	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-30.80	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

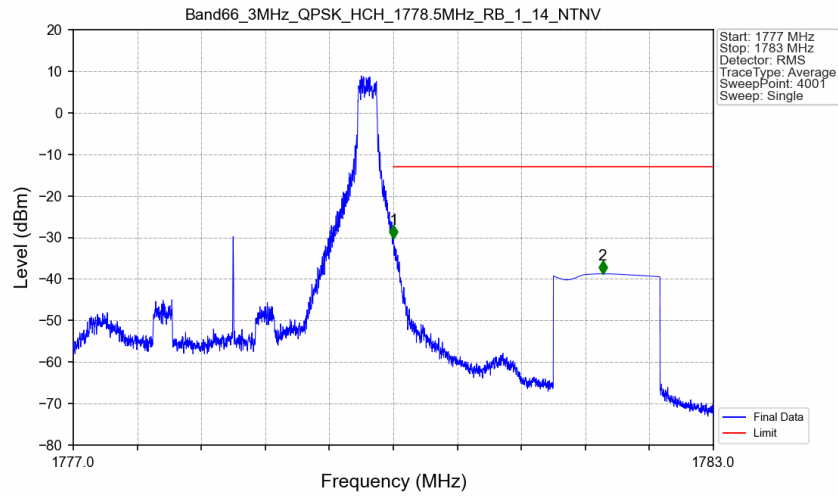


Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



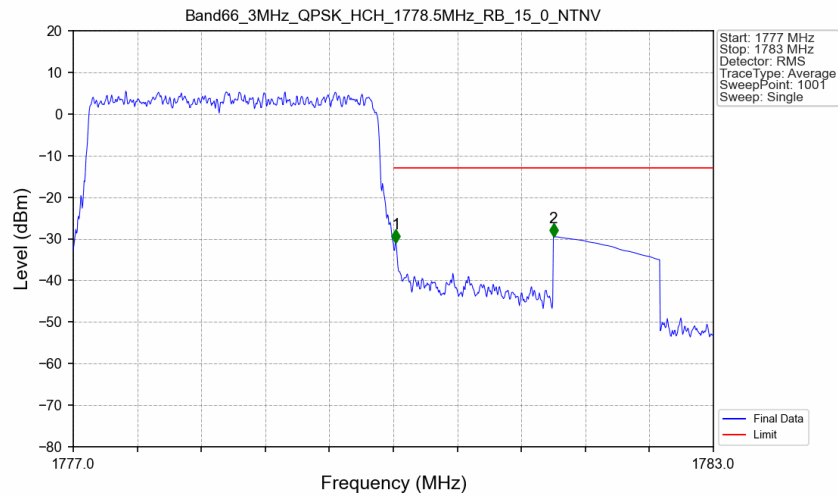


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-30.27	-13	Pass
1781	1783	1	CHP	2	1781.962	-38.76	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.024	-30.97	-13	Pass
1781	1783	1	CHP	2	1781.500	-29.46	-13	Pass

5.2.3 B66_5MHz

