

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	24.93	-1.00	23.93	<=30	Pass
			2	24.94	-1.00	23.94	<=30	Pass
			5	24.96	-1.00	23.96	<=30	Pass
		3	0	24.88	-1.00	23.88	<=30	Pass
			2	24.84	-1.00	23.84	<=30	Pass
			3	24.84	-1.00	23.84	<=30	Pass
		6	0	23.91	-1.00	22.91	<=30	Pass
	1745	1	0	25.22	-1.00	24.22	<=30	Pass
			2	25.22	-1.00	24.22	<=30	Pass
			5	25.21	-1.00	24.21	<=30	Pass
		3	0	25.07	-1.00	24.07	<=30	Pass
			2	25.04	-1.00	24.04	<=30	Pass
			3	25.06	-1.00	24.06	<=30	Pass
		6	0	24.15	-1.00	23.15	<=30	Pass
	1779.3	1	0	24.79	-1.00	23.79	<=30	Pass
			2	24.80	-1.00	23.80	<=30	Pass
			5	24.79	-1.00	23.79	<=30	Pass
		3	0	24.77	-1.00	23.77	<=30	Pass
			2	24.67	-1.00	23.67	<=30	Pass
			3	24.68	-1.00	23.68	<=30	Pass
		6	0	23.83	-1.00	22.83	<=30	Pass
16QAM	1710.7	1	0	23.87	-1.00	22.87	<=30	Pass
			2	23.79	-1.00	22.79	<=30	Pass
			5	23.88	-1.00	22.88	<=30	Pass
		3	0	23.88	-1.00	22.88	<=30	Pass
			2	23.87	-1.00	22.87	<=30	Pass
			3	23.89	-1.00	22.89	<=30	Pass
		6	0	22.99	-1.00	21.99	<=30	Pass
	1745	1	0	24.11	-1.00	23.11	<=30	Pass
			2	24.09	-1.00	23.09	<=30	Pass
			5	24.09	-1.00	23.09	<=30	Pass
		3	0	24.32	-1.00	23.32	<=30	Pass
			2	24.27	-1.00	23.27	<=30	Pass
			3	24.31	-1.00	23.31	<=30	Pass
		6	0	23.21	-1.00	22.21	<=30	Pass
	1779.3	1	0	23.90	-1.00	22.90	<=30	Pass
			2	23.85	-1.00	22.85	<=30	Pass
			5	23.91	-1.00	22.91	<=30	Pass
		3	0	23.91	-1.00	22.91	<=30	Pass
			2	23.88	-1.00	22.88	<=30	Pass
			3	23.89	-1.00	22.89	<=30	Pass
		6	0	22.91	-1.00	21.91	<=30	Pass
64QAM	1710.7	1	0	22.70	-1.00	21.70	<=30	Pass
			2	22.71	-1.00	21.71	<=30	Pass
			5	22.71	-1.00	21.71	<=30	Pass
		3	0	23.03	-1.00	22.03	<=30	Pass
			2	23.01	-1.00	22.01	<=30	Pass
			3	23.02	-1.00	22.02	<=30	Pass
		6	0	22.06	-1.00	21.06	<=30	Pass
	1745	1	0	23.67	-1.00	22.67	<=30	Pass
			2	23.66	-1.00	22.66	<=30	Pass
			5	23.66	-1.00	22.66	<=30	Pass
		3	0	23.23	-1.00	22.23	<=30	Pass
			2	23.21	-1.00	22.21	<=30	Pass

			3	23.20	-1.00	22.20	<=30	Pass
		6	0	22.20	-1.00	21.20	<=30	Pass
	1779.3	1	0	22.99	-1.00	21.99	<=30	Pass
			2	22.98	-1.00	21.98	<=30	Pass
			5	23.00	-1.00	22.00	<=30	Pass
		3	0	23.09	-1.00	22.09	<=30	Pass
			2	23.10	-1.00	22.10	<=30	Pass
			3	23.09	-1.00	22.09	<=30	Pass
		6	0	22.11	-1.00	21.11	<=30	Pass
256QAM	1710.7	1	0	19.90	-1.00	18.90	<=30	Pass
			2	19.90	-1.00	18.90	<=30	Pass
			5	19.91	-1.00	18.91	<=30	Pass
		3	0	20.10	-1.00	19.10	<=30	Pass
			2	20.09	-1.00	19.09	<=30	Pass
			3	20.08	-1.00	19.08	<=30	Pass
		6	0	20.00	-1.00	19.00	<=30	Pass
	1745	1	0	20.43	-1.00	19.43	<=30	Pass
			2	20.40	-1.00	19.40	<=30	Pass
			5	20.39	-1.00	19.39	<=30	Pass
		3	0	20.39	-1.00	19.39	<=30	Pass
			2	20.43	-1.00	19.43	<=30	Pass
			3	20.40	-1.00	19.40	<=30	Pass
		6	0	20.29	-1.00	19.29	<=30	Pass
	1779.3	1	0	20.25	-1.00	19.25	<=30	Pass
			2	20.23	-1.00	19.23	<=30	Pass
			5	20.25	-1.00	19.25	<=30	Pass
		3	0	20.05	-1.00	19.05	<=30	Pass
			2	20.07	-1.00	19.07	<=30	Pass
			3	20.07	-1.00	19.07	<=30	Pass
		6	0	19.96	-1.00	18.96	<=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	24.87	-1.00	23.87	<=30	Pass
			7	24.91	-1.00	23.91	<=30	Pass
			14	24.93	-1.00	23.93	<=30	Pass
		8	0	24.00	-1.00	23.00	<=30	Pass
			4	23.95	-1.00	22.95	<=30	Pass
			7	24.01	-1.00	23.01	<=30	Pass
		15	0	24.03	-1.00	23.03	<=30	Pass
	1745	1	0	25.21	-1.00	24.21	<=30	Pass
			7	25.21	-1.00	24.21	<=30	Pass
			14	25.19	-1.00	24.19	<=30	Pass
		8	0	24.25	-1.00	23.25	<=30	Pass
			4	24.18	-1.00	23.18	<=30	Pass
			7	24.16	-1.00	23.16	<=30	Pass
		15	0	24.19	-1.00	23.19	<=30	Pass
	1778.5	1	0	24.85	-1.00	23.85	<=30	Pass
			7	24.84	-1.00	23.84	<=30	Pass
			14	24.82	-1.00	23.82	<=30	Pass
		8	0	23.86	-1.00	22.86	<=30	Pass
			4	23.84	-1.00	22.84	<=30	Pass
			7	23.82	-1.00	22.82	<=30	Pass
		15	0	23.86	-1.00	22.86	<=30	Pass
16QAM	1711.5	1	0	24.03	-1.00	23.03	<=30	Pass
			7	24.01	-1.00	23.01	<=30	Pass
			14	24.04	-1.00	23.04	<=30	Pass
		8	0	23.10	-1.00	22.10	<=30	Pass

		15	4	23.09	-1.00	22.09	<=30	Pass
			7	23.12	-1.00	22.12	<=30	Pass
			0	22.98	-1.00	21.98	<=30	Pass
	1745	1	0	24.21	-1.00	23.21	<=30	Pass
			7	24.16	-1.00	23.16	<=30	Pass
			14	24.16	-1.00	23.16	<=30	Pass
		8	0	23.30	-1.00	22.30	<=30	Pass
			4	23.26	-1.00	22.26	<=30	Pass
			7	23.25	-1.00	22.25	<=30	Pass
		15	0	23.22	-1.00	22.22	<=30	Pass
	1778.5	1	0	23.89	-1.00	22.89	<=30	Pass
			7	23.88	-1.00	22.88	<=30	Pass
			14	24.06	-1.00	23.06	<=30	Pass
		8	0	23.03	-1.00	22.03	<=30	Pass
			4	23.03	-1.00	22.03	<=30	Pass
			7	23.01	-1.00	22.01	<=30	Pass
		15	0	22.99	-1.00	21.99	<=30	Pass
64QAM	1711.5	1	0	23.02	-1.00	22.02	<=30	Pass
			7	23.01	-1.00	22.01	<=30	Pass
			14	23.03	-1.00	22.03	<=30	Pass
		8	0	22.09	-1.00	21.09	<=30	Pass
			4	22.07	-1.00	21.07	<=30	Pass
			7	22.10	-1.00	21.10	<=30	Pass
		15	0	22.08	-1.00	21.08	<=30	Pass
	1745	1	0	22.92	-1.00	21.92	<=30	Pass
			7	22.88	-1.00	21.88	<=30	Pass
			14	22.82	-1.00	21.82	<=30	Pass
		8	0	22.30	-1.00	21.30	<=30	Pass
			4	22.27	-1.00	21.27	<=30	Pass
			7	22.23	-1.00	21.23	<=30	Pass
		15	0	22.16	-1.00	21.16	<=30	Pass
	1778.5	1	0	23.32	-1.00	22.32	<=30	Pass
			7	23.35	-1.00	22.35	<=30	Pass
			14	23.35	-1.00	22.35	<=30	Pass
		8	0	22.17	-1.00	21.17	<=30	Pass
			4	22.19	-1.00	21.19	<=30	Pass
			7	22.17	-1.00	21.17	<=30	Pass
		15	0	21.99	-1.00	20.99	<=30	Pass
256QAM	1711.5	1	0	20.33	-1.00	19.33	<=30	Pass
			7	20.38	-1.00	19.38	<=30	Pass
			14	20.36	-1.00	19.36	<=30	Pass
		8	0	20.20	-1.00	19.20	<=30	Pass
			4	20.21	-1.00	19.21	<=30	Pass
			7	20.21	-1.00	19.21	<=30	Pass
		15	0	20.17	-1.00	19.17	<=30	Pass
	1745	1	0	20.08	-1.00	19.08	<=30	Pass
			7	20.09	-1.00	19.09	<=30	Pass
			14	20.01	-1.00	19.01	<=30	Pass
		8	0	20.18	-1.00	19.18	<=30	Pass
			4	20.17	-1.00	19.17	<=30	Pass
			7	20.13	-1.00	19.13	<=30	Pass
		15	0	20.12	-1.00	19.12	<=30	Pass
	1778.5	1	0	20.00	-1.00	19.00	<=30	Pass
			7	20.03	-1.00	19.03	<=30	Pass
			14	20.05	-1.00	19.05	<=30	Pass
		8	0	20.12	-1.00	19.12	<=30	Pass
			4	20.13	-1.00	19.13	<=30	Pass
			7	20.12	-1.00	19.12	<=30	Pass
		15	0	20.03	-1.00	19.03	<=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	25.04	-1.00	24.04	<=30	Pass
			13	25.13	-1.00	24.13	<=30	Pass
			24	25.19	-1.00	24.19	<=30	Pass
		12	0	24.03	-1.00	23.03	<=30	Pass
			6	24.04	-1.00	23.04	<=30	Pass
			13	24.06	-1.00	23.06	<=30	Pass
		25	0	24.09	-1.00	23.09	<=30	Pass
	1745	1	0	25.38	-1.00	24.38	<=30	Pass
			13	25.32	-1.00	24.32	<=30	Pass
			24	25.31	-1.00	24.31	<=30	Pass
		12	0	24.28	-1.00	23.28	<=30	Pass
			6	24.23	-1.00	23.23	<=30	Pass
			13	24.18	-1.00	23.18	<=30	Pass
		25	0	24.25	-1.00	23.25	<=30	Pass
	1777.5	1	0	24.80	-1.00	23.80	<=30	Pass
			13	24.76	-1.00	23.76	<=30	Pass
			24	24.74	-1.00	23.74	<=30	Pass
		12	0	23.92	-1.00	22.92	<=30	Pass
			6	23.87	-1.00	22.87	<=30	Pass
			13	23.84	-1.00	22.84	<=30	Pass
		25	0	23.95	-1.00	22.95	<=30	Pass
16QAM	1712.5	1	0	24.15	-1.00	23.15	<=30	Pass
			13	24.17	-1.00	23.17	<=30	Pass
			24	24.22	-1.00	23.22	<=30	Pass
		12	0	23.12	-1.00	22.12	<=30	Pass
			6	23.11	-1.00	22.11	<=30	Pass
			13	23.09	-1.00	22.09	<=30	Pass
		25	0	23.13	-1.00	22.13	<=30	Pass
	1745	1	0	24.42	-1.00	23.42	<=30	Pass
			13	24.32	-1.00	23.32	<=30	Pass
			24	24.29	-1.00	23.29	<=30	Pass
		12	0	23.25	-1.00	22.25	<=30	Pass
			6	23.21	-1.00	22.21	<=30	Pass
			13	23.17	-1.00	22.17	<=30	Pass
		25	0	23.23	-1.00	22.23	<=30	Pass
	1777.5	1	0	24.13	-1.00	23.13	<=30	Pass
			13	24.05	-1.00	23.05	<=30	Pass
			24	24.01	-1.00	23.01	<=30	Pass
		12	0	23.07	-1.00	22.07	<=30	Pass
			6	23.03	-1.00	22.03	<=30	Pass
			13	23.04	-1.00	22.04	<=30	Pass
		25	0	23.05	-1.00	22.05	<=30	Pass
64QAM	1712.5	1	0	23.20	-1.00	22.20	<=30	Pass
			13	23.20	-1.00	22.20	<=30	Pass
			24	23.21	-1.00	22.21	<=30	Pass
		12	0	22.12	-1.00	21.12	<=30	Pass
			6	22.11	-1.00	21.11	<=30	Pass
			13	22.12	-1.00	21.12	<=30	Pass
		25	0	22.14	-1.00	21.14	<=30	Pass
	1745	1	0	23.29	-1.00	22.29	<=30	Pass
			13	23.25	-1.00	22.25	<=30	Pass
			24	23.16	-1.00	22.16	<=30	Pass
		12	0	22.27	-1.00	21.27	<=30	Pass
			6	22.22	-1.00	21.22	<=30	Pass
			13	22.18	-1.00	21.18	<=30	Pass
		25	0	22.24	-1.00	21.24	<=30	Pass
	1777.5	1	0	23.31	-1.00	22.31	<=30	Pass
			13	23.31	-1.00	22.31	<=30	Pass
			24	23.37	-1.00	22.37	<=30	Pass
		12	0	22.00	-1.00	21.00	<=30	Pass
			6	21.99	-1.00	20.99	<=30	Pass

			13	21.99	-1.00	20.99	<=30	Pass	
		25	0	22.09	-1.00	21.09	<=30	Pass	
256QAM	1712.5	1	0	20.32	-1.00	19.32	<=30	Pass	
			13	20.29	-1.00	19.29	<=30	Pass	
			24	20.32	-1.00	19.32	<=30	Pass	
		12	0	20.15	-1.00	19.15	<=30	Pass	
			6	20.15	-1.00	19.15	<=30	Pass	
			13	20.13	-1.00	19.13	<=30	Pass	
		25	0	20.12	-1.00	19.12	<=30	Pass	
		1745	1	0	20.19	-1.00	19.19	<=30	Pass
				13	20.12	-1.00	19.12	<=30	Pass
	24			20.06	-1.00	19.06	<=30	Pass	
	12		0	20.25	-1.00	19.25	<=30	Pass	
			6	20.21	-1.00	19.21	<=30	Pass	
			13	20.17	-1.00	19.17	<=30	Pass	
	25		0	20.25	-1.00	19.25	<=30	Pass	
	1777.5		1	0	20.13	-1.00	19.13	<=30	Pass
				13	20.12	-1.00	19.12	<=30	Pass
		24		20.15	-1.00	19.15	<=30	Pass	
		12	0	20.08	-1.00	19.08	<=30	Pass	
			6	20.07	-1.00	19.07	<=30	Pass	
			13	20.05	-1.00	19.05	<=30	Pass	
		25	0	20.07	-1.00	19.07	<=30	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	25.14	-1.00	24.14	<=30	Pass
			25	25.16	-1.00	24.16	<=30	Pass
			49	25.26	-1.00	24.26	<=30	Pass
		25	0	24.09	-1.00	23.09	<=30	Pass
			13	24.10	-1.00	23.10	<=30	Pass
			25	24.16	-1.00	23.16	<=30	Pass
		50	0	24.08	-1.00	23.08	<=30	Pass
	1745	1	0	25.25	-1.00	24.25	<=30	Pass
			25	25.13	-1.00	24.13	<=30	Pass
			49	25.03	-1.00	24.03	<=30	Pass
		25	0	24.27	-1.00	23.27	<=30	Pass
			13	24.19	-1.00	23.19	<=30	Pass
			25	24.16	-1.00	23.16	<=30	Pass
		50	0	24.22	-1.00	23.22	<=30	Pass
	1775	1	0	25.03	-1.00	24.03	<=30	Pass
			25	24.91	-1.00	23.91	<=30	Pass
			49	24.89	-1.00	23.89	<=30	Pass
		25	0	24.03	-1.00	23.03	<=30	Pass
			13	23.95	-1.00	22.95	<=30	Pass
			25	23.89	-1.00	22.89	<=30	Pass
		50	0	23.99	-1.00	22.99	<=30	Pass
16QAM	1715	1	0	24.31	-1.00	23.31	<=30	Pass
			25	24.28	-1.00	23.28	<=30	Pass
			49	24.42	-1.00	23.42	<=30	Pass
		25	0	23.18	-1.00	22.18	<=30	Pass
			13	23.16	-1.00	22.16	<=30	Pass
			25	23.22	-1.00	22.22	<=30	Pass
		50	0	23.12	-1.00	22.12	<=30	Pass
	1745	1	0	24.35	-1.00	23.35	<=30	Pass
			25	24.23	-1.00	23.23	<=30	Pass
			49	24.13	-1.00	23.13	<=30	Pass
		25	0	23.30	-1.00	22.30	<=30	Pass

		50	13	23.22	-1.00	22.22	<=30	Pass
			25	23.19	-1.00	22.19	<=30	Pass
			0	23.20	-1.00	22.20	<=30	Pass
	1775	1	0	23.96	-1.00	22.96	<=30	Pass
			25	23.79	-1.00	22.79	<=30	Pass
			49	23.85	-1.00	22.85	<=30	Pass
		25	0	23.08	-1.00	22.08	<=30	Pass
			13	22.97	-1.00	21.97	<=30	Pass
			25	22.95	-1.00	21.95	<=30	Pass
		50	0	23.01	-1.00	22.01	<=30	Pass
64QAM	1715	1	0	23.50	-1.00	22.50	<=30	Pass
			25	23.44	-1.00	22.44	<=30	Pass
			49	23.59	-1.00	22.59	<=30	Pass
		25	0	22.09	-1.00	21.09	<=30	Pass
			13	22.05	-1.00	21.05	<=30	Pass
			25	22.12	-1.00	21.12	<=30	Pass
		50	0	22.18	-1.00	21.18	<=30	Pass
	1745	1	0	23.34	-1.00	22.34	<=30	Pass
			25	23.17	-1.00	22.17	<=30	Pass
			49	23.14	-1.00	22.14	<=30	Pass
		25	0	22.24	-1.00	21.24	<=30	Pass
			13	22.15	-1.00	21.15	<=30	Pass
			25	22.10	-1.00	21.10	<=30	Pass
		50	0	22.21	-1.00	21.21	<=30	Pass
	1775	1	0	22.81	-1.00	21.81	<=30	Pass
			25	22.57	-1.00	21.57	<=30	Pass
			49	22.68	-1.00	21.68	<=30	Pass
		25	0	22.05	-1.00	21.05	<=30	Pass
			13	21.96	-1.00	20.96	<=30	Pass
			25	21.93	-1.00	20.93	<=30	Pass
		50	0	22.00	-1.00	21.00	<=30	Pass
256QAM	1715	1	0	20.23	-1.00	19.23	<=30	Pass
			25	20.16	-1.00	19.16	<=30	Pass
			49	20.29	-1.00	19.29	<=30	Pass
		25	0	20.17	-1.00	19.17	<=30	Pass
			13	20.12	-1.00	19.12	<=30	Pass
			25	20.19	-1.00	19.19	<=30	Pass
		50	0	20.14	-1.00	19.14	<=30	Pass
	1745	1	0	20.59	-1.00	19.59	<=30	Pass
			25	20.45	-1.00	19.45	<=30	Pass
			49	20.39	-1.00	19.39	<=30	Pass
		25	0	20.25	-1.00	19.25	<=30	Pass
			13	20.19	-1.00	19.19	<=30	Pass
			25	20.12	-1.00	19.12	<=30	Pass
		50	0	20.21	-1.00	19.21	<=30	Pass
	1775	1	0	20.00	-1.00	19.00	<=30	Pass
			25	19.78	-1.00	18.78	<=30	Pass
			49	19.89	-1.00	18.89	<=30	Pass
		25	0	20.06	-1.00	19.06	<=30	Pass
			13	20.00	-1.00	19.00	<=30	Pass
25			19.96	-1.00	18.96	<=30	Pass	
50		0	20.03	-1.00	19.03	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	25.14	-1.00	24.14	<=30	Pass
			38	25.27	-1.00	24.27	<=30	Pass
			74	25.34	-1.00	24.34	<=30	Pass

		36	0	24.08	-1.00	23.08	<=30	Pass		
			18	24.13	-1.00	23.13	<=30	Pass		
			39	24.13	-1.00	23.13	<=30	Pass		
		75	0	24.13	-1.00	23.13	<=30	Pass		
			1745	1	0	25.23	-1.00	24.23	<=30	Pass
					38	25.27	-1.00	24.27	<=30	Pass
		74			25.06	-1.00	24.06	<=30	Pass	
		36		0	24.25	-1.00	23.25	<=30	Pass	
				18	24.19	-1.00	23.19	<=30	Pass	
	39			24.10	-1.00	23.10	<=30	Pass		
	75	0	24.20	-1.00	23.20	<=30	Pass			
		1772.5	1	0	25.16	-1.00	24.16	<=30	Pass	
				38	25.04	-1.00	24.04	<=30	Pass	
	74			24.89	-1.00	23.89	<=30	Pass		
	36		0	24.03	-1.00	23.03	<=30	Pass		
			18	23.96	-1.00	22.96	<=30	Pass		
			39	23.85	-1.00	22.85	<=30	Pass		
	75		0	23.99	-1.00	22.99	<=30	Pass		
16QAM			1717.5	1	0	24.32	-1.00	23.32	<=30	Pass
					38	24.39	-1.00	23.39	<=30	Pass
	74	24.48			-1.00	23.48	<=30	Pass		
	36	0		23.20	-1.00	22.20	<=30	Pass		
		18		23.22	-1.00	22.22	<=30	Pass		
		39		23.21	-1.00	22.21	<=30	Pass		
	75	0		23.18	-1.00	22.18	<=30	Pass		
		1745		1	0	24.33	-1.00	23.33	<=30	Pass
					38	24.28	-1.00	23.28	<=30	Pass
	74		24.07		-1.00	23.07	<=30	Pass		
	36		0	23.34	-1.00	22.34	<=30	Pass		
			18	23.27	-1.00	22.27	<=30	Pass		
			39	23.15	-1.00	22.15	<=30	Pass		
	75	0	23.23	-1.00	22.23	<=30	Pass			
		1772.5	1	0	24.14	-1.00	23.14	<=30	Pass	
				38	24.02	-1.00	23.02	<=30	Pass	
	74			23.88	-1.00	22.88	<=30	Pass		
	36		0	23.16	-1.00	22.16	<=30	Pass		
18			23.10	-1.00	22.10	<=30	Pass			
39			22.99	-1.00	21.99	<=30	Pass			
75	0	23.08	-1.00	22.08	<=30	Pass				
	64QAM	1717.5	1	0	23.67	-1.00	22.67	<=30	Pass	
				38	23.71	-1.00	22.71	<=30	Pass	
74				23.78	-1.00	22.78	<=30	Pass		
36			0	22.13	-1.00	21.13	<=30	Pass		
			18	22.14	-1.00	21.14	<=30	Pass		
			39	22.16	-1.00	21.16	<=30	Pass		
75			0	22.20	-1.00	21.20	<=30	Pass		
			1745	1	0	23.28	-1.00	22.28	<=30	Pass
					38	23.29	-1.00	22.29	<=30	Pass
74		23.11			-1.00	22.11	<=30	Pass		
36		0		22.37	-1.00	21.37	<=30	Pass		
		18		22.30	-1.00	21.30	<=30	Pass		
		39		22.18	-1.00	21.18	<=30	Pass		
75		0	22.23	-1.00	21.23	<=30	Pass			
		1772.5	1	0	23.53	-1.00	22.53	<=30	Pass	
				38	23.42	-1.00	22.42	<=30	Pass	
74				23.39	-1.00	22.39	<=30	Pass		
36			0	22.19	-1.00	21.19	<=30	Pass		
	18		22.12	-1.00	21.12	<=30	Pass			
	39		22.03	-1.00	21.03	<=30	Pass			
75	0	22.06	-1.00	21.06	<=30	Pass				
	256QAM	1717.5	1	0	20.26	-1.00	19.26	<=30	Pass	
				38	20.28	-1.00	19.28	<=30	Pass	
74				20.37	-1.00	19.37	<=30	Pass		
36			0	20.16	-1.00	19.16	<=30	Pass		

		75	18	20.19	-1.00	19.19	<=30	Pass
			39	20.20	-1.00	19.20	<=30	Pass
			0	20.22	-1.00	19.22	<=30	Pass
	1745	1	0	20.56	-1.00	19.56	<=30	Pass
			38	20.55	-1.00	19.55	<=30	Pass
			74	20.34	-1.00	19.34	<=30	Pass
		36	0	20.34	-1.00	19.34	<=30	Pass
			18	20.28	-1.00	19.28	<=30	Pass
			39	20.17	-1.00	19.17	<=30	Pass
		75	0	20.20	-1.00	19.20	<=30	Pass
	1772.5	1	0	20.24	-1.00	19.24	<=30	Pass
			38	20.12	-1.00	19.12	<=30	Pass
			74	20.08	-1.00	19.08	<=30	Pass
		36	0	20.14	-1.00	19.14	<=30	Pass
			18	20.08	-1.00	19.08	<=30	Pass
			39	19.98	-1.00	18.98	<=30	Pass
		75	0	20.02	-1.00	19.02	<=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	24.98	-1.00	23.98	<=30	Pass
			50	25.15	-1.00	24.15	<=30	Pass
			99	25.17	-1.00	24.17	<=30	Pass
		50	0	24.13	-1.00	23.13	<=30	Pass
			25	24.17	-1.00	23.17	<=30	Pass
			50	24.19	-1.00	23.19	<=30	Pass
		100	0	24.18	-1.00	23.18	<=30	Pass
	1745	1	0	25.19	-1.00	24.19	<=30	Pass
			50	25.18	-1.00	24.18	<=30	Pass
			99	24.93	-1.00	23.93	<=30	Pass
		50	0	24.32	-1.00	23.32	<=30	Pass
			25	24.23	-1.00	23.23	<=30	Pass
			50	24.11	-1.00	23.11	<=30	Pass
		100	0	24.22	-1.00	23.22	<=30	Pass
	1770	1	0	25.07	-1.00	24.07	<=30	Pass
			50	24.98	-1.00	23.98	<=30	Pass
			99	24.81	-1.00	23.81	<=30	Pass
		50	0	24.12	-1.00	23.12	<=30	Pass
			25	24.06	-1.00	23.06	<=30	Pass
			50	23.92	-1.00	22.92	<=30	Pass
		100	0	24.04	-1.00	23.04	<=30	Pass
16QAM	1720	1	0	24.19	-1.00	23.19	<=30	Pass
			50	24.30	-1.00	23.30	<=30	Pass
			99	24.35	-1.00	23.35	<=30	Pass
		50	0	23.20	-1.00	22.20	<=30	Pass
			25	23.23	-1.00	22.23	<=30	Pass
			50	23.25	-1.00	22.25	<=30	Pass
		100	0	23.20	-1.00	22.20	<=30	Pass
	1745	1	0	24.28	-1.00	23.28	<=30	Pass
			50	24.24	-1.00	23.24	<=30	Pass
			99	23.96	-1.00	22.96	<=30	Pass
		50	0	23.34	-1.00	22.34	<=30	Pass
			25	23.26	-1.00	22.26	<=30	Pass
			50	23.13	-1.00	22.13	<=30	Pass
		100	0	23.25	-1.00	22.25	<=30	Pass
	1770	1	0	24.11	-1.00	23.11	<=30	Pass
			50	24.06	-1.00	23.06	<=30	Pass
			99	23.58	-1.00	22.58	<=30	Pass

		50	0	23.23	-1.00	22.23	<=30	Pass
			25	23.19	-1.00	22.19	<=30	Pass
			50	23.08	-1.00	22.08	<=30	Pass
64QAM	1720	100	0	23.12	-1.00	22.12	<=30	Pass
			0	23.14	-1.00	22.14	<=30	Pass
			50	23.16	-1.00	22.16	<=30	Pass
		1	99	23.13	-1.00	22.13	<=30	Pass
			0	22.20	-1.00	21.20	<=30	Pass
			25	22.21	-1.00	21.21	<=30	Pass
		50	50	22.23	-1.00	21.23	<=30	Pass
			0	22.23	-1.00	21.23	<=30	Pass
			0	22.23	-1.00	21.23	<=30	Pass
	1745	100	0	23.18	-1.00	22.18	<=30	Pass
			50	23.23	-1.00	22.23	<=30	Pass
			99	23.01	-1.00	22.01	<=30	Pass
		1	0	22.32	-1.00	21.32	<=30	Pass
			25	22.24	-1.00	21.24	<=30	Pass
			50	22.13	-1.00	21.13	<=30	Pass
		50	0	22.23	-1.00	21.23	<=30	Pass
			0	23.47	-1.00	22.47	<=30	Pass
			50	23.36	-1.00	22.36	<=30	Pass
256QAM	1720	100	99	23.28	-1.00	22.28	<=30	Pass
			0	22.30	-1.00	21.30	<=30	Pass
			25	22.24	-1.00	21.24	<=30	Pass
		1	50	22.10	-1.00	21.10	<=30	Pass
			0	22.16	-1.00	21.16	<=30	Pass
			0	20.05	-1.00	19.05	<=30	Pass
		50	50	20.08	-1.00	19.08	<=30	Pass
			99	20.04	-1.00	19.04	<=30	Pass
			0	20.15	-1.00	19.15	<=30	Pass
	1745	100	25	20.18	-1.00	19.18	<=30	Pass
			50	20.21	-1.00	19.21	<=30	Pass
			0	20.21	-1.00	19.21	<=30	Pass
		1	0	20.78	-1.00	19.78	<=30	Pass
			50	20.82	-1.00	19.82	<=30	Pass
			99	20.58	-1.00	19.58	<=30	Pass
		50	0	20.34	-1.00	19.34	<=30	Pass
			25	20.26	-1.00	19.26	<=30	Pass
			50	20.13	-1.00	19.13	<=30	Pass
	1770	100	0	20.21	-1.00	19.21	<=30	Pass
			0	20.05	-1.00	19.05	<=30	Pass
			50	19.97	-1.00	18.97	<=30	Pass
		1	99	19.92	-1.00	18.92	<=30	Pass
			0	20.22	-1.00	19.22	<=30	Pass
			25	20.18	-1.00	19.18	<=30	Pass
		50	50	20.03	-1.00	19.03	<=30	Pass
			0	20.11	-1.00	19.11	<=30	Pass
			0	20.11	-1.00	19.11	<=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	7.141	0.0041	-2.5 to 2.5	Pass
					NV	-1.397	-0.0008	-2.5 to 2.5	Pass
					HV	2.461	0.0014	-2.5 to 2.5	Pass
				-30	NV	5.633	0.0032	-2.5 to 2.5	Pass

				-20	NV	0.562	0.0003	-2.5 to 2.5	Pass
				-10	NV	4.901	0.0028	-2.5 to 2.5	Pass
				0	NV	1.806	0.0010	-2.5 to 2.5	Pass
				10	NV	-2.024	-0.0012	-2.5 to 2.5	Pass
				30	NV	2.543	0.0015	-2.5 to 2.5	Pass
				40	NV	2.958	0.0017	-2.5 to 2.5	Pass
				50	NV	6.751	0.0039	-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	1.103	/	Pass
	16QAM	1745	6	0	1.099	/	Pass
	64QAM	1745	6	0	1.115	/	Pass
	256QAM	1745	6	0	1.108	/	Pass
3	QPSK	1745	15	0	2.737	/	Pass
	16QAM	1745	15	0	2.738	/	Pass
	64QAM	1745	15	0	2.736	/	Pass
	256QAM	1745	15	0	2.736	/	Pass
5	QPSK	1745	25	0	4.557	/	Pass
	16QAM	1745	25	0	4.529	/	Pass
	64QAM	1745	25	0	4.570	/	Pass
	256QAM	1745	25	0	4.568	/	Pass
10	QPSK	1745	50	0	9.082	/	Pass
	16QAM	1745	50	0	9.062	/	Pass
	64QAM	1745	50	0	9.051	/	Pass
	256QAM	1745	50	0	9.055	/	Pass
15	QPSK	1745	75	0	13.590	/	Pass
	16QAM	1745	75	0	13.624	/	Pass
	64QAM	1745	75	0	13.583	/	Pass
	256QAM	1745	75	0	13.575	/	Pass
20	QPSK	1745	100	0	18.121	/	Pass
	16QAM	1745	100	0	18.157	/	Pass
	64QAM	1745	100	0	18.066	/	Pass
	256QAM	1745	100	0	18.127	/	Pass

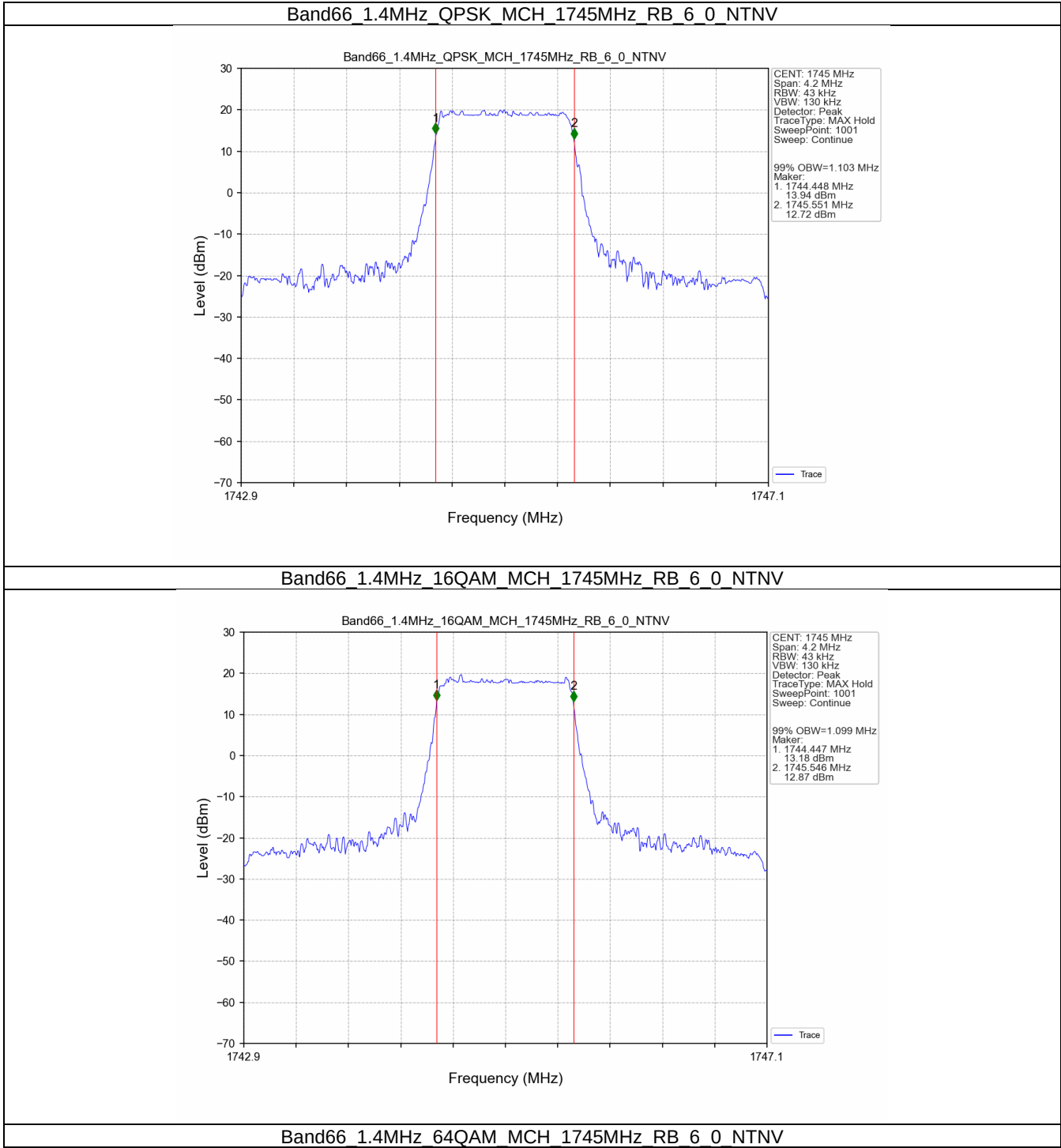
3.1.2 Band66_XDB

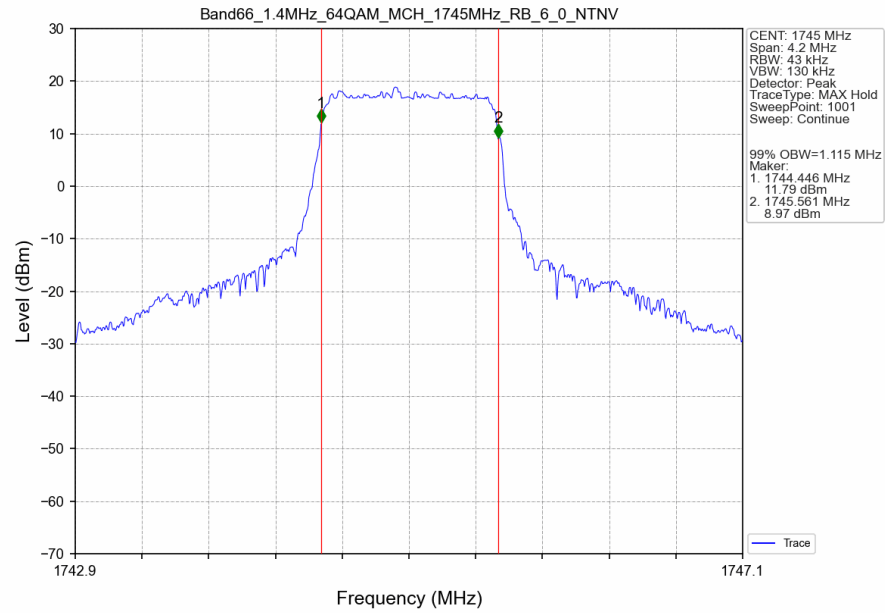
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.333	/	Pass
	16QAM	1745	6	0	1.300	/	Pass
	64QAM	1745	6	0	1.350	/	Pass
	256QAM	1745	6	0	1.308	/	Pass
3	QPSK	1745	15	0	3.027	/	Pass
	16QAM	1745	15	0	3.031	/	Pass
	64QAM	1745	15	0	3.016	/	Pass
	256QAM	1745	15	0	3.035	/	Pass
5	QPSK	1745	25	0	5.010	/	Pass
	16QAM	1745	25	0	5.058	/	Pass
	64QAM	1745	25	0	5.022	/	Pass
	256QAM	1745	25	0	5.025	/	Pass
10	QPSK	1745	50	0	10.010	/	Pass

	16QAM	1745	50	0	9.944	/	Pass
	64QAM	1745	50	0	9.941	/	Pass
	256QAM	1745	50	0	9.953	/	Pass
15	QPSK	1745	75	0	15.062	/	Pass
	16QAM	1745	75	0	14.955	/	Pass
	64QAM	1745	75	0	15.025	/	Pass
	256QAM	1745	75	0	14.935	/	Pass
20	QPSK	1745	100	0	19.733	/	Pass
	16QAM	1745	100	0	19.754	/	Pass
	64QAM	1745	100	0	19.877	/	Pass
	256QAM	1745	100	0	19.846	/	Pass

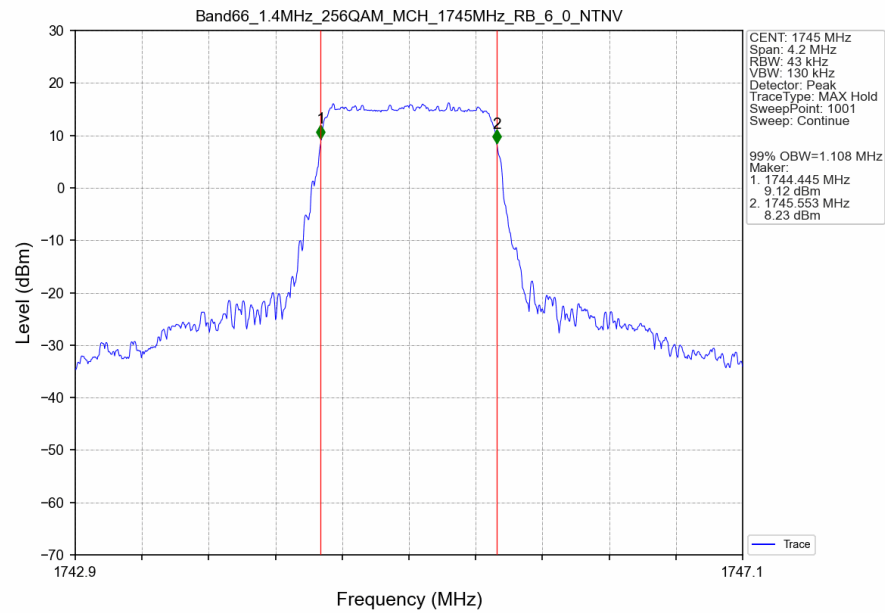
3.2 Test Graph

3.2.1 Band66_OBW

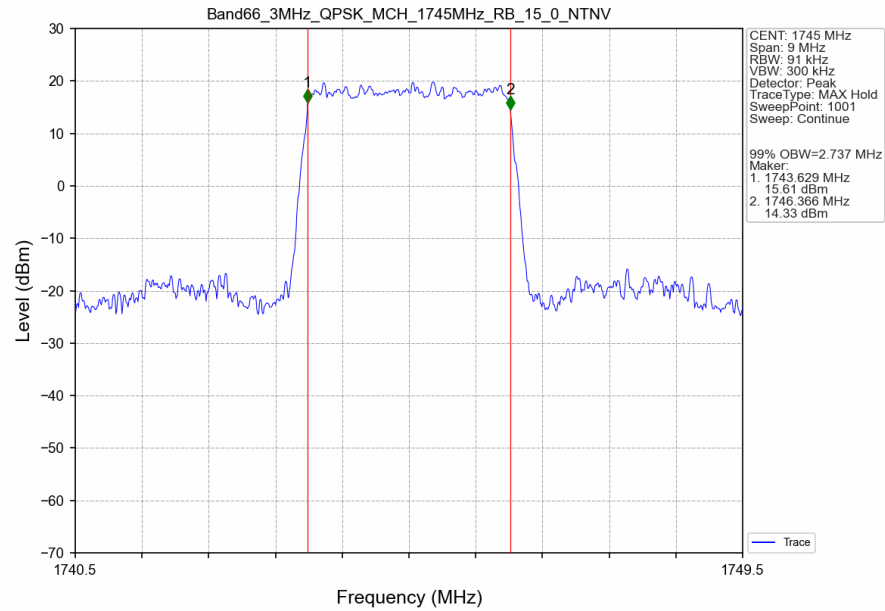




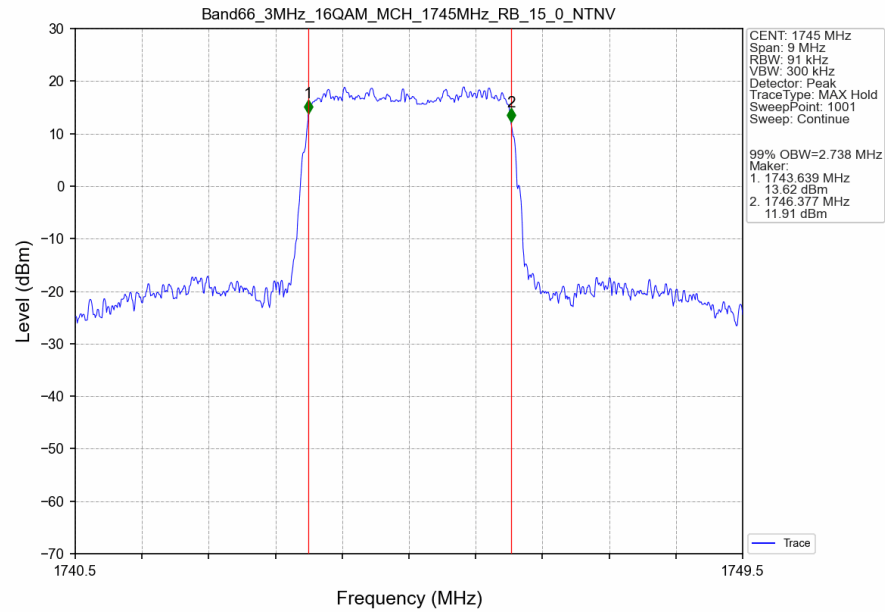
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTN



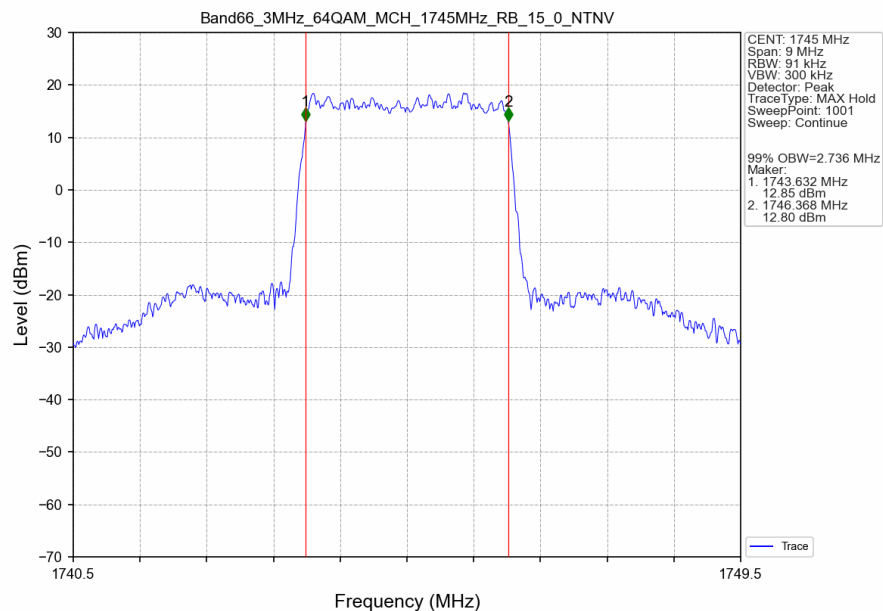
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



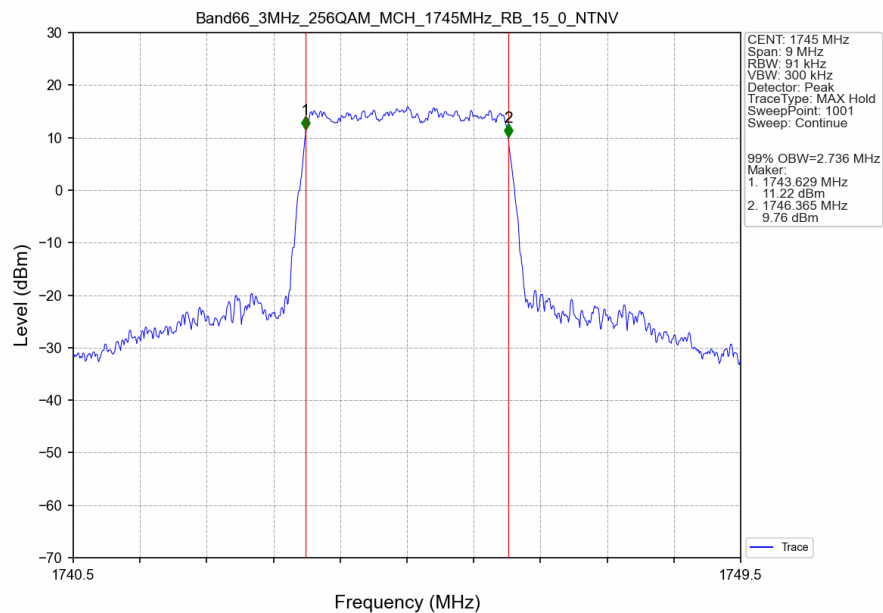
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



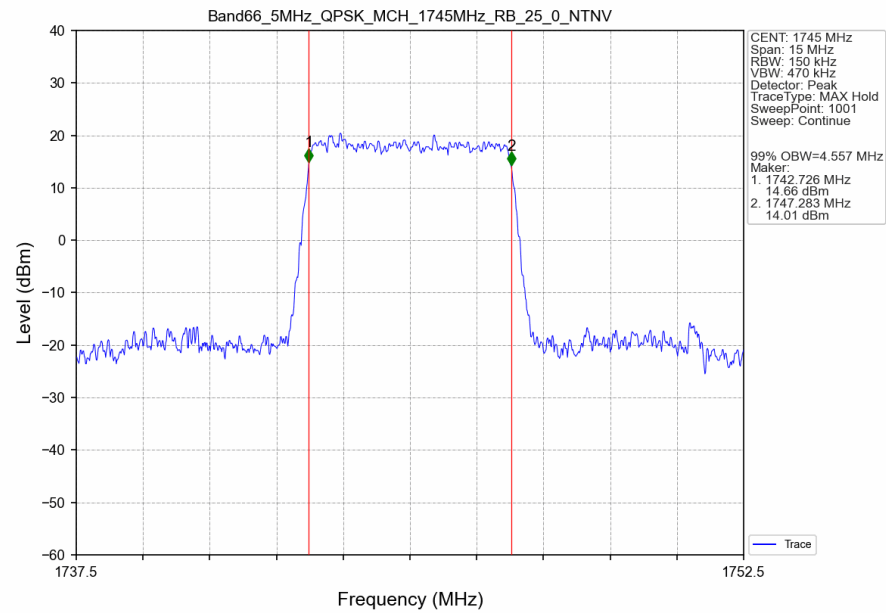
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



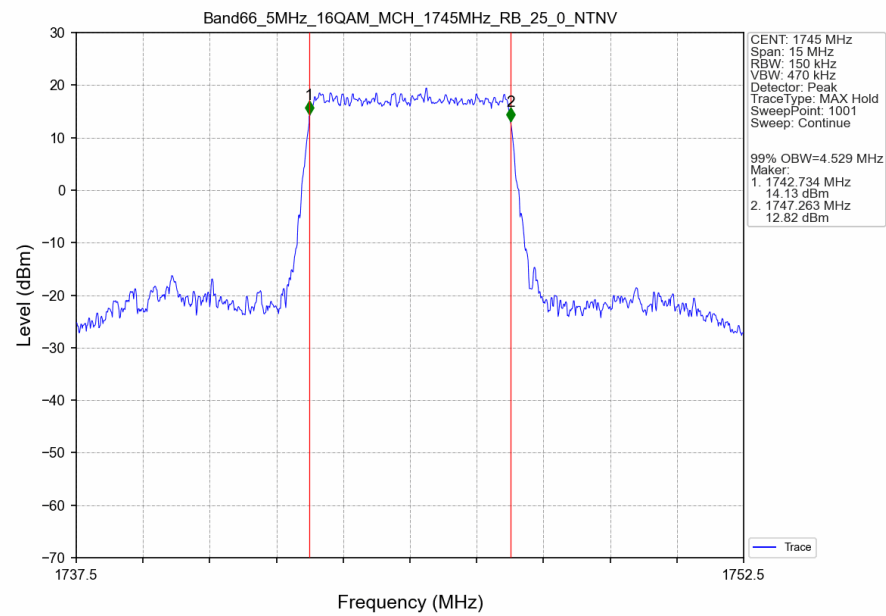
Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV

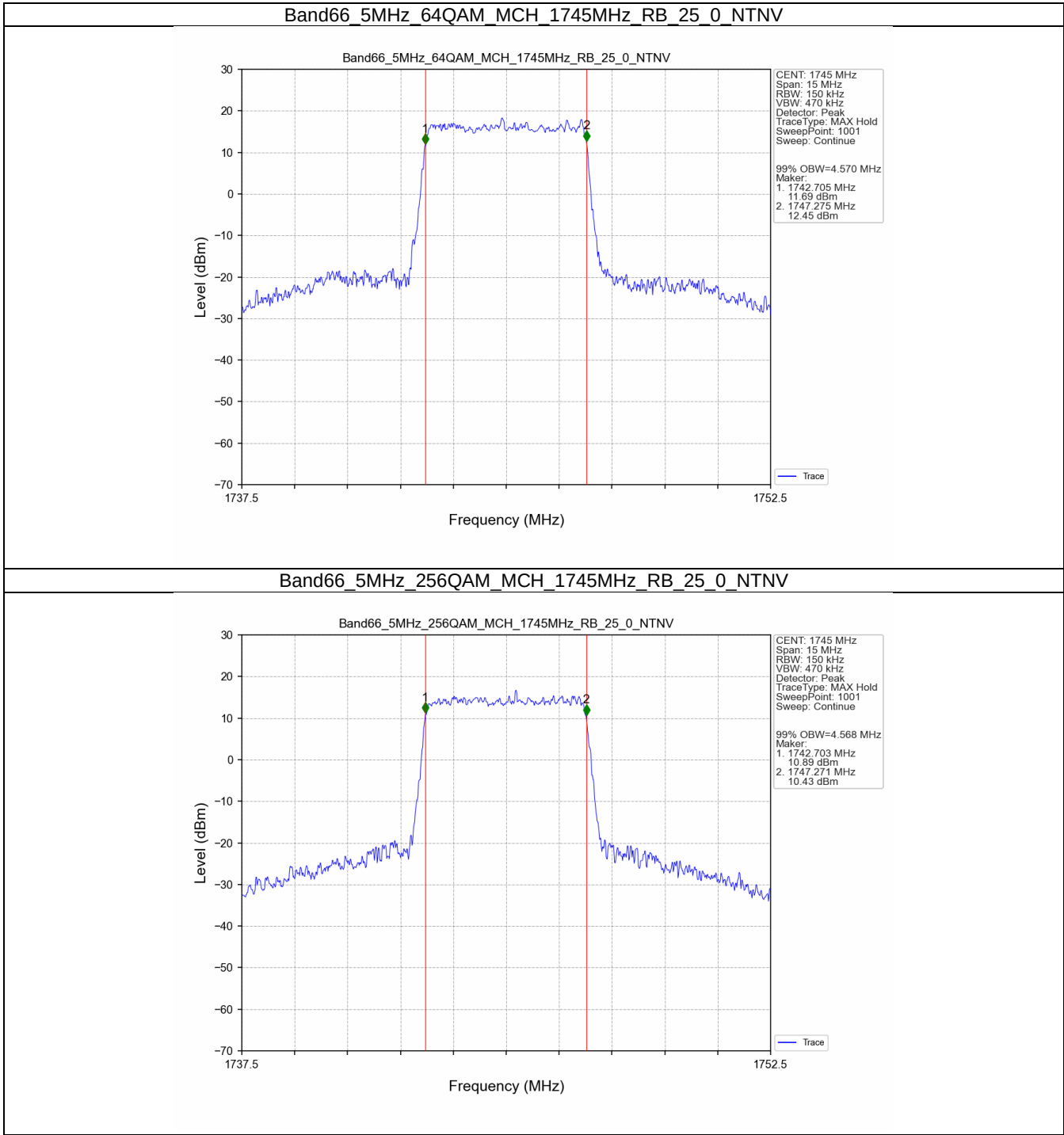


Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

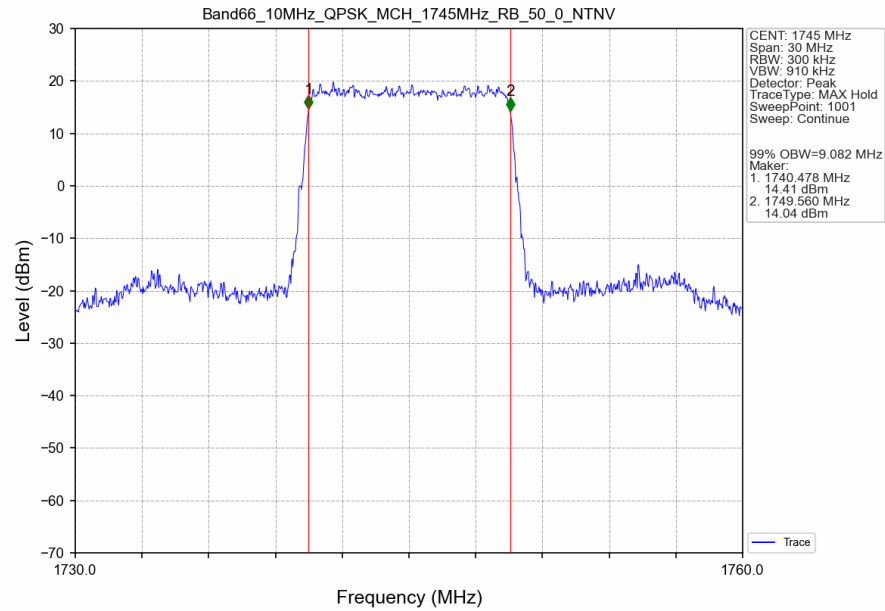


Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

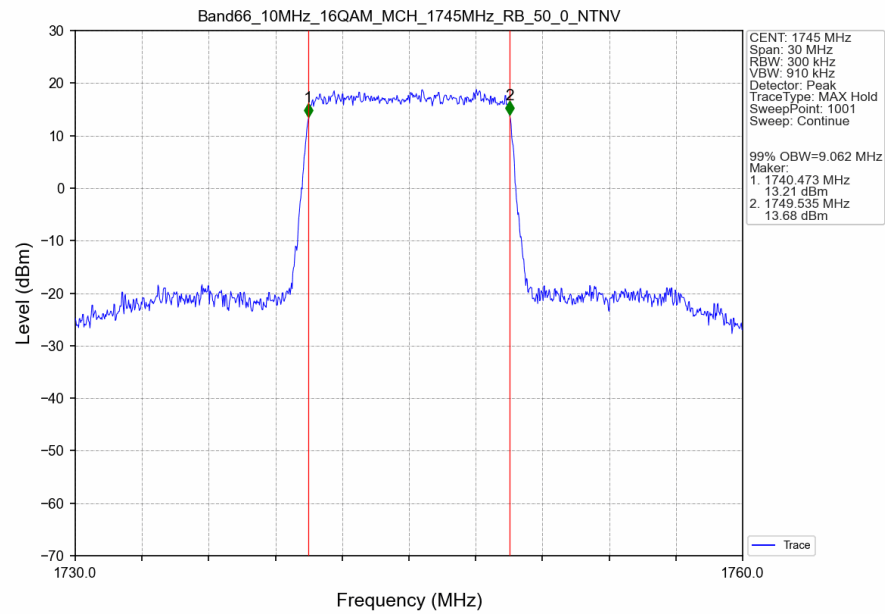




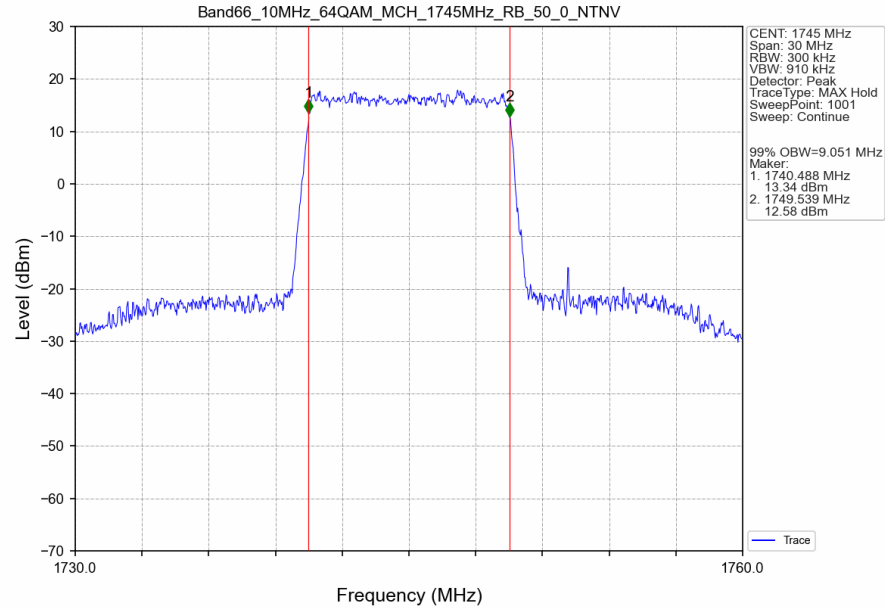
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



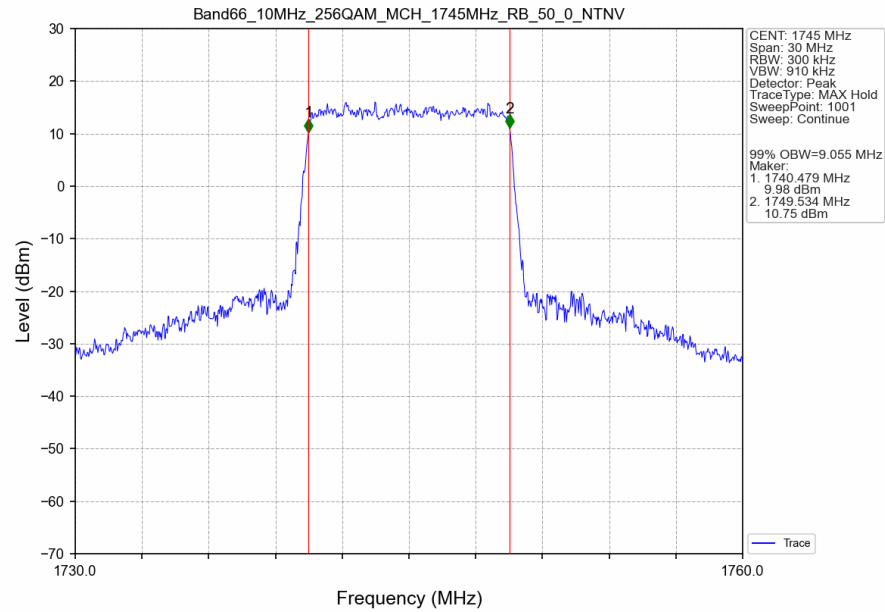
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



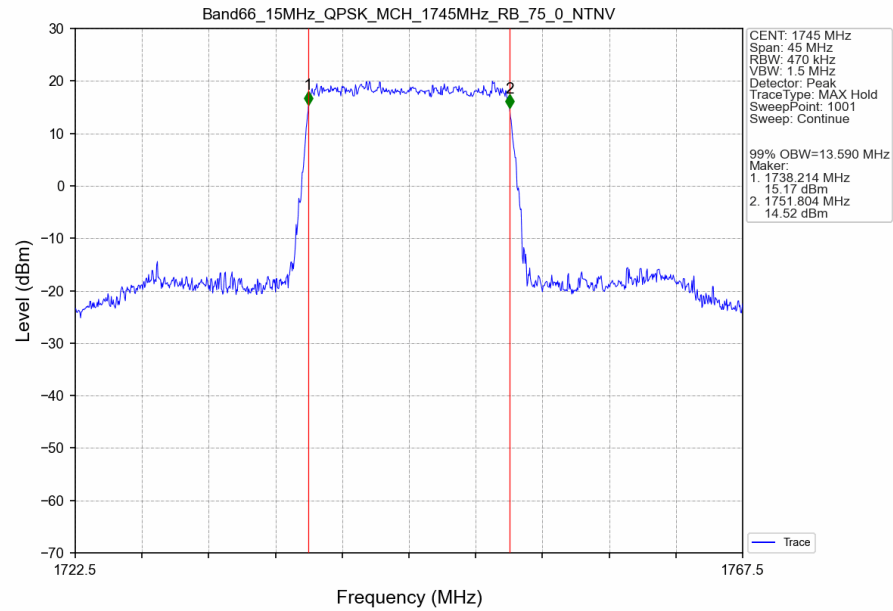
Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



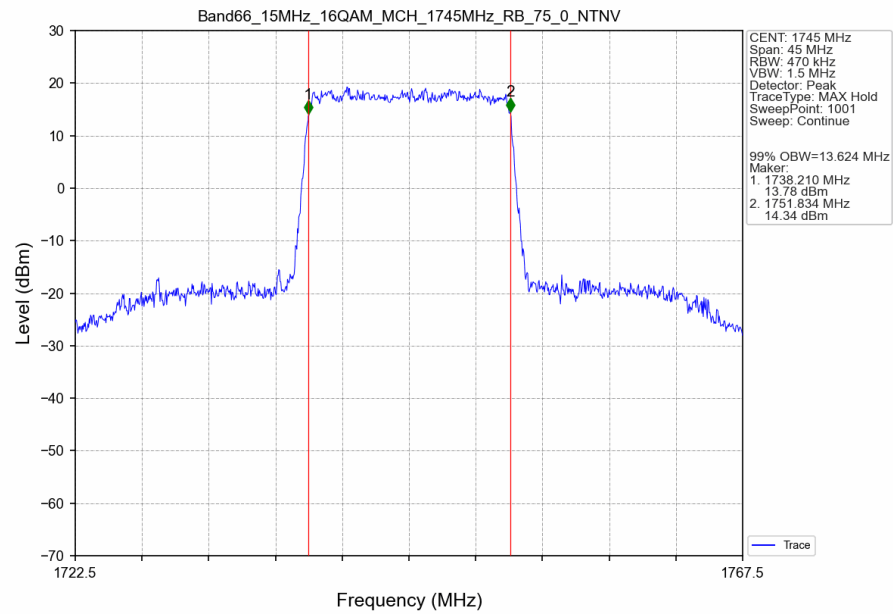
Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV



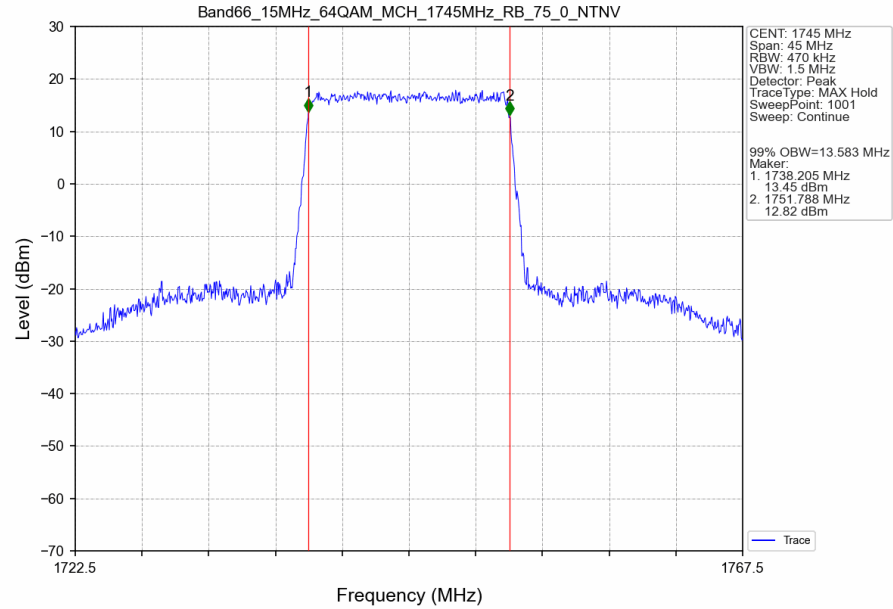
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



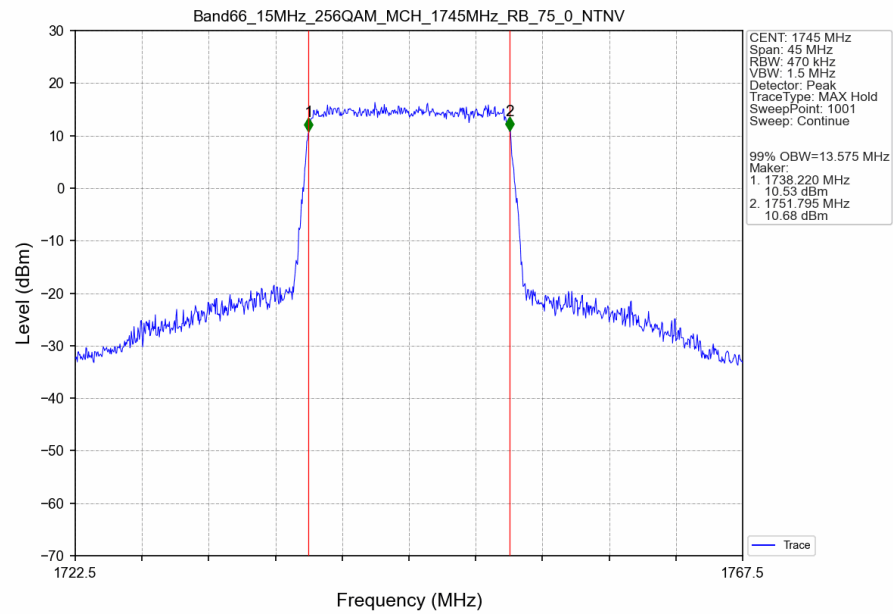
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



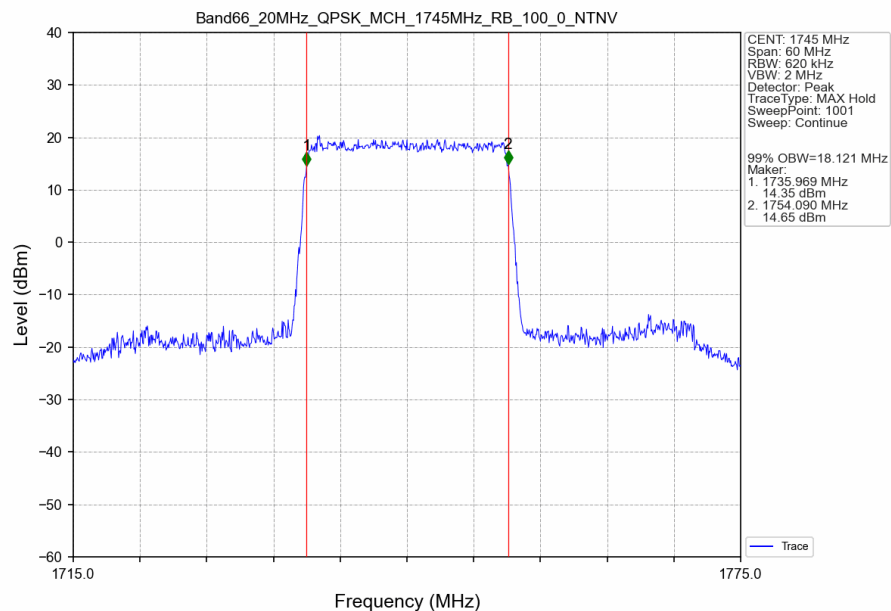
Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



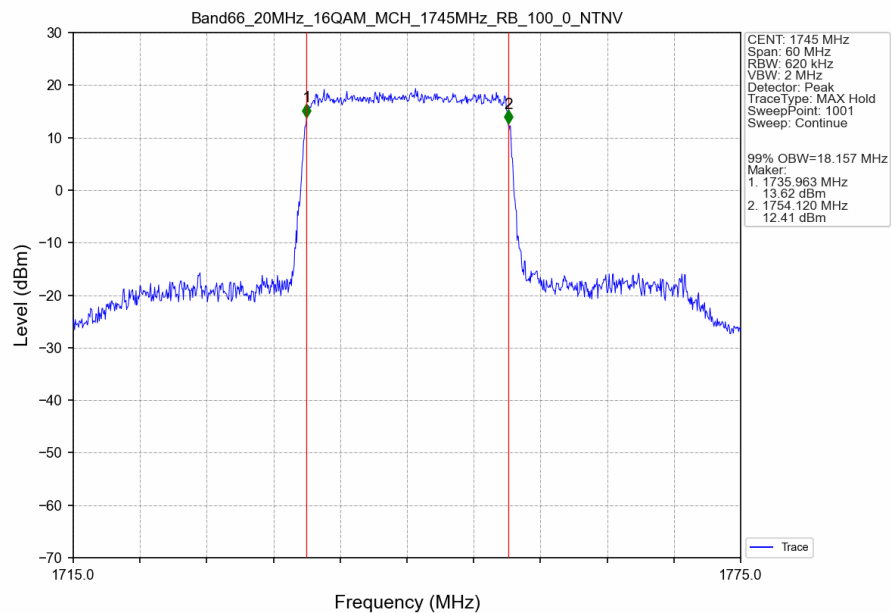
Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



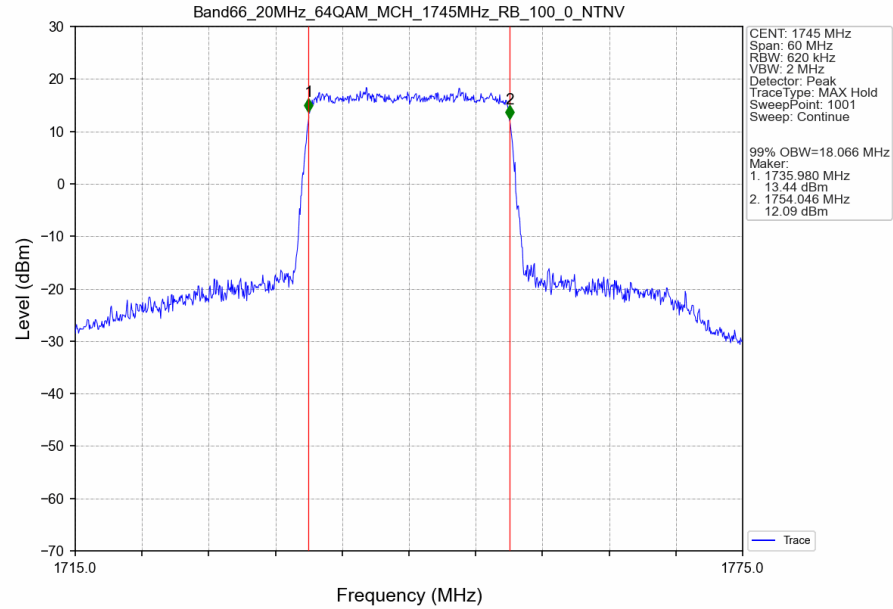
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



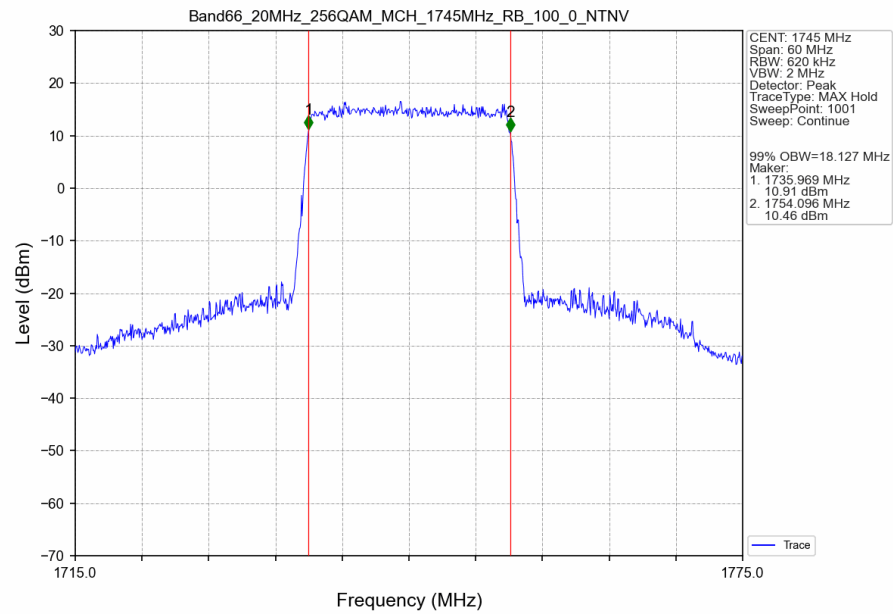
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Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV

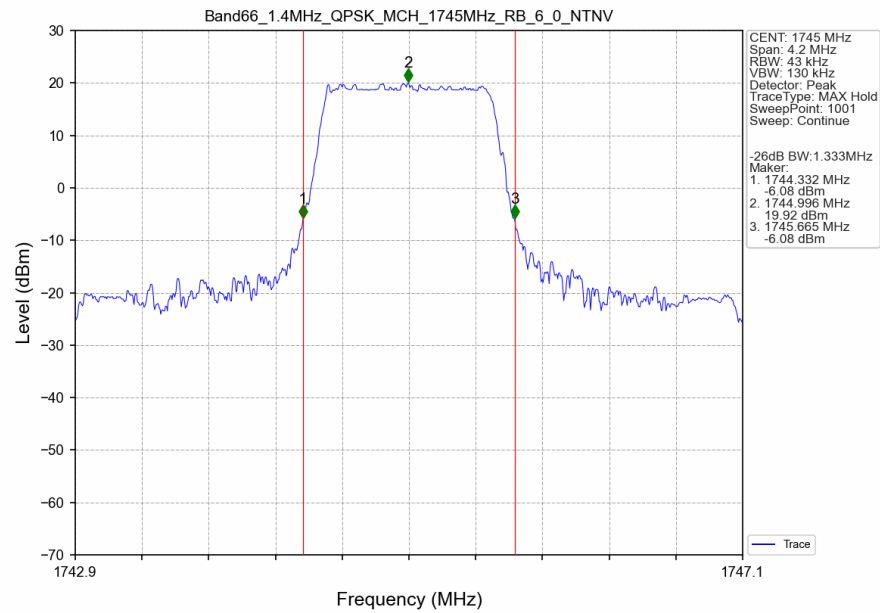


Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV

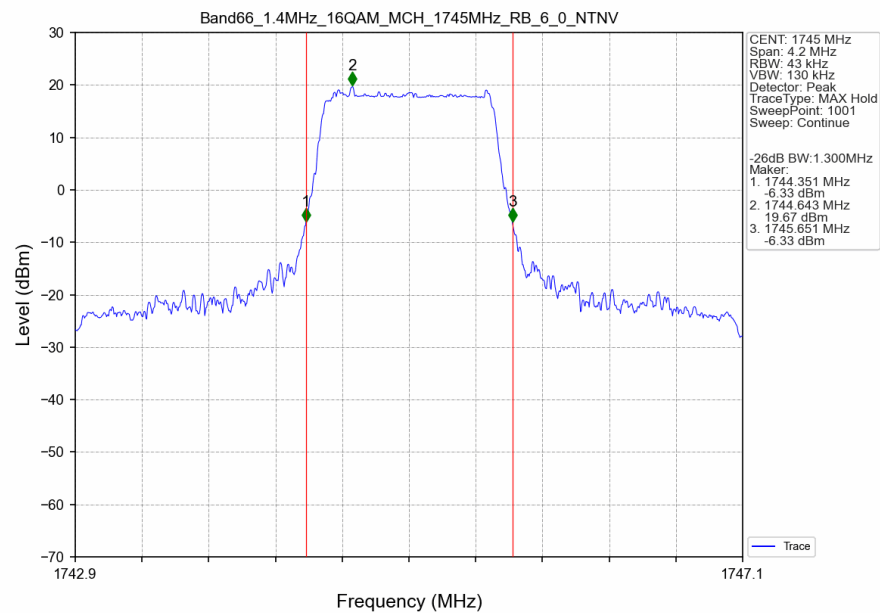


3.2.2 Band66_XDB

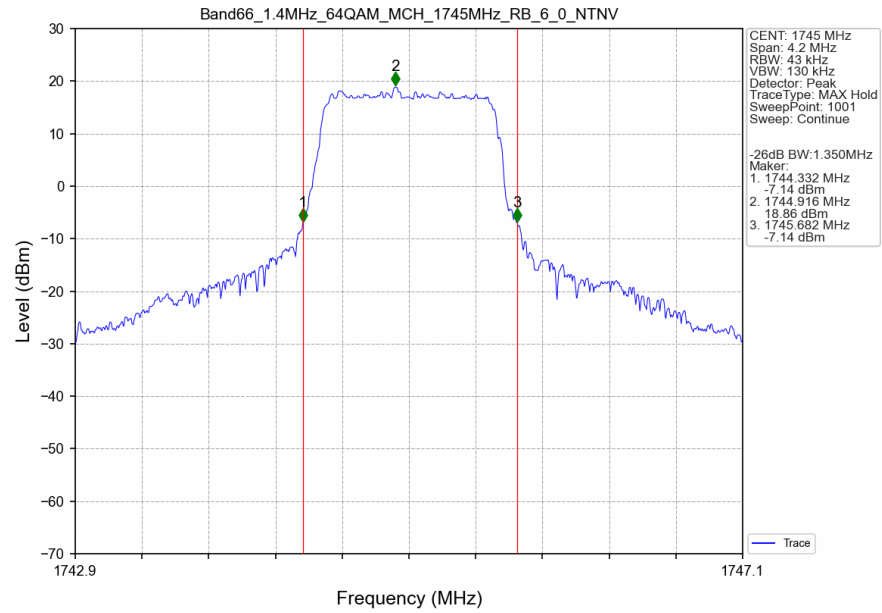
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



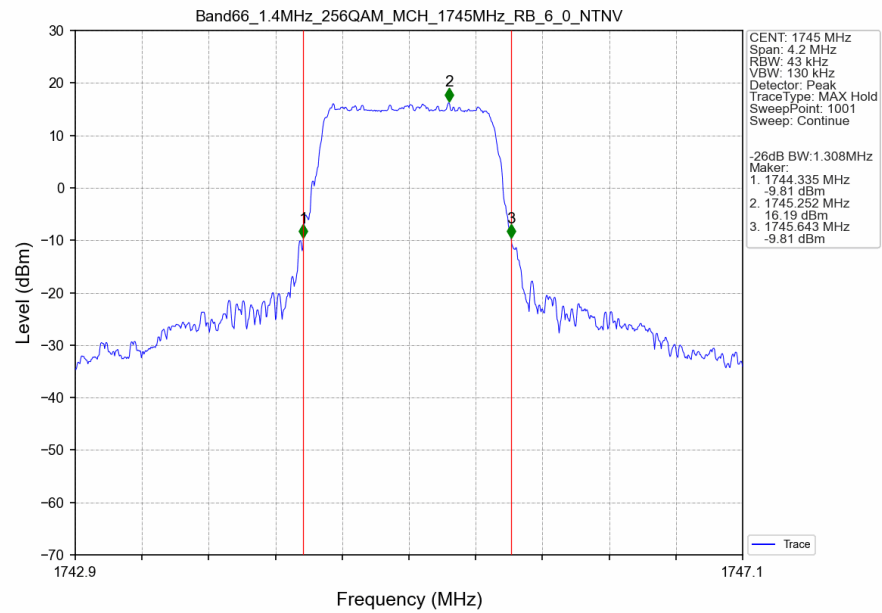
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



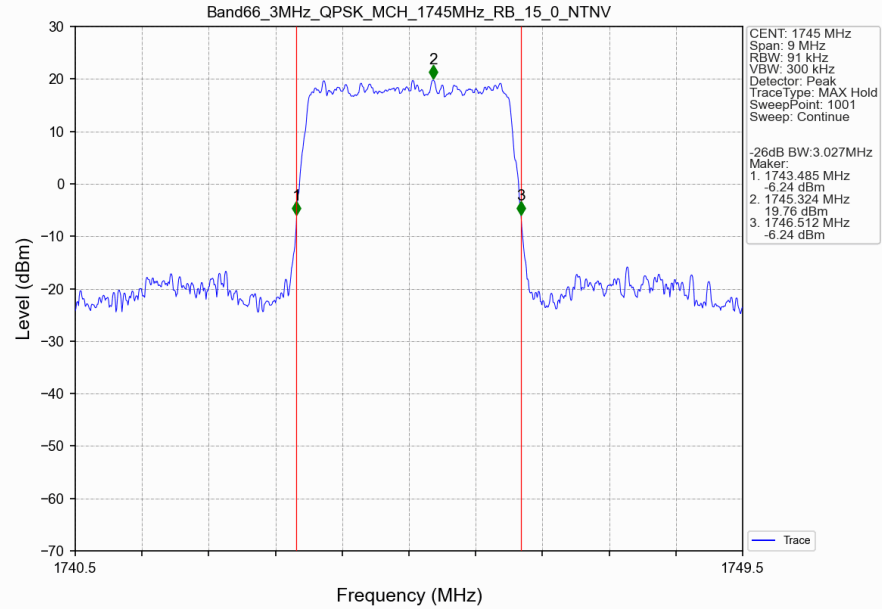
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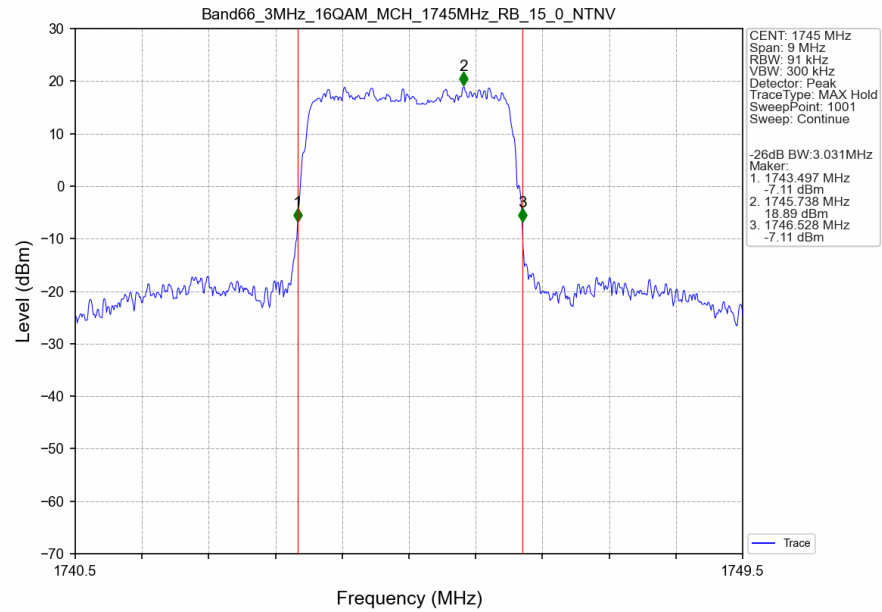
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTN



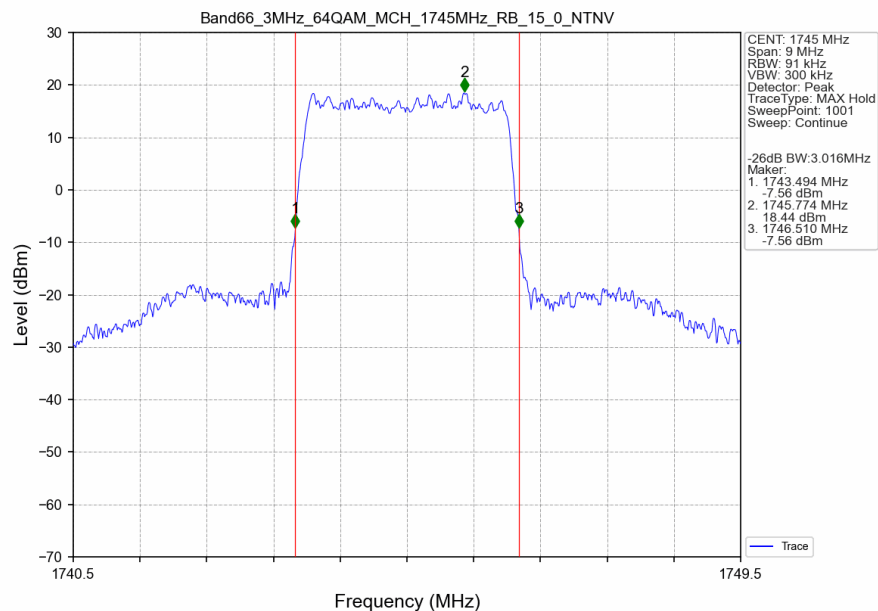
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



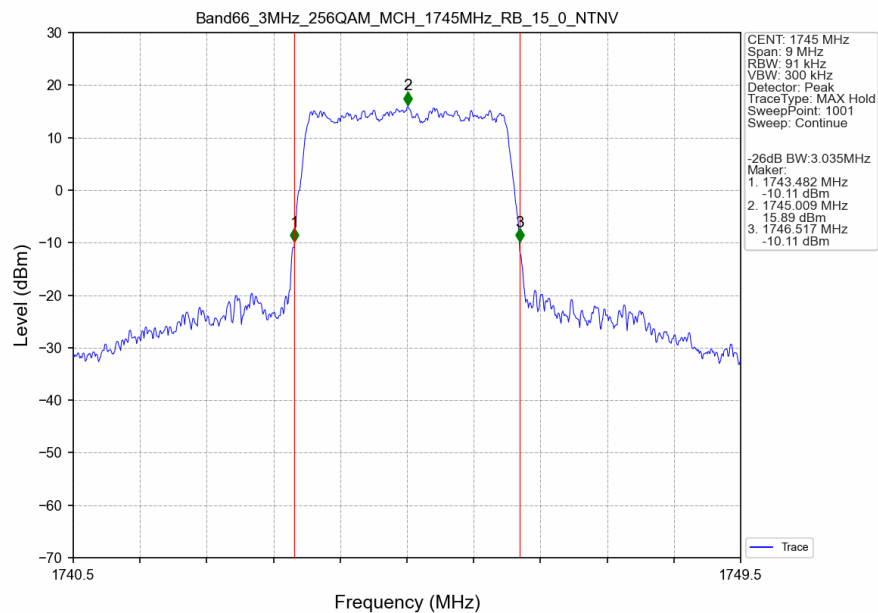
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



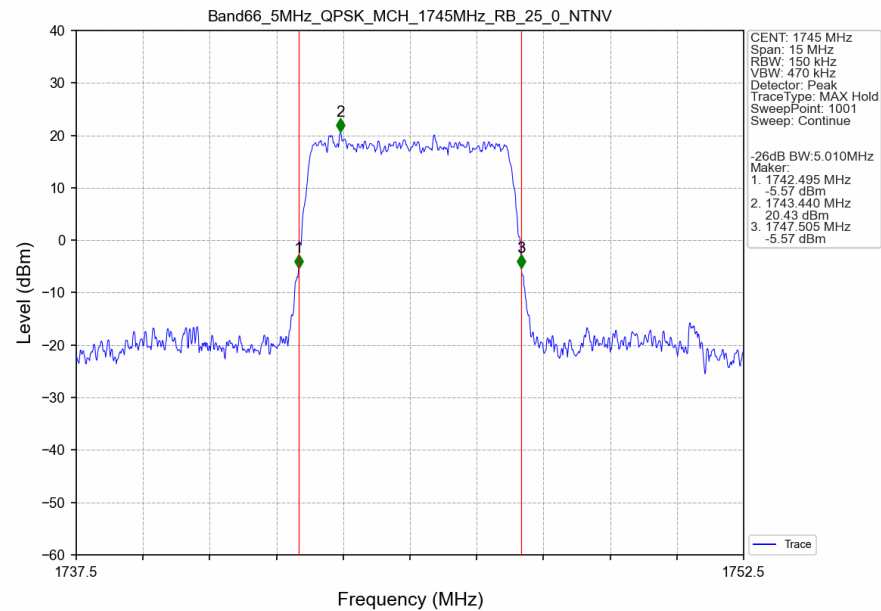
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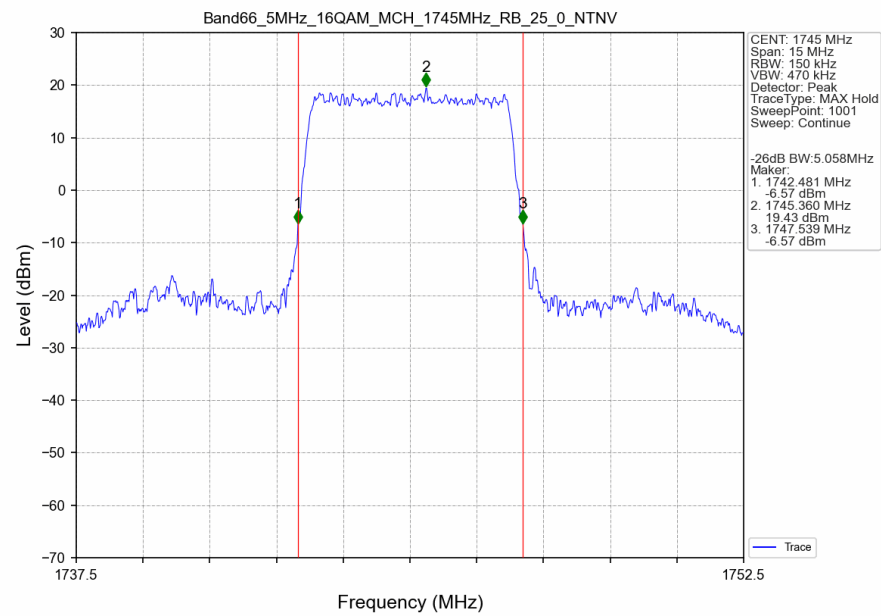
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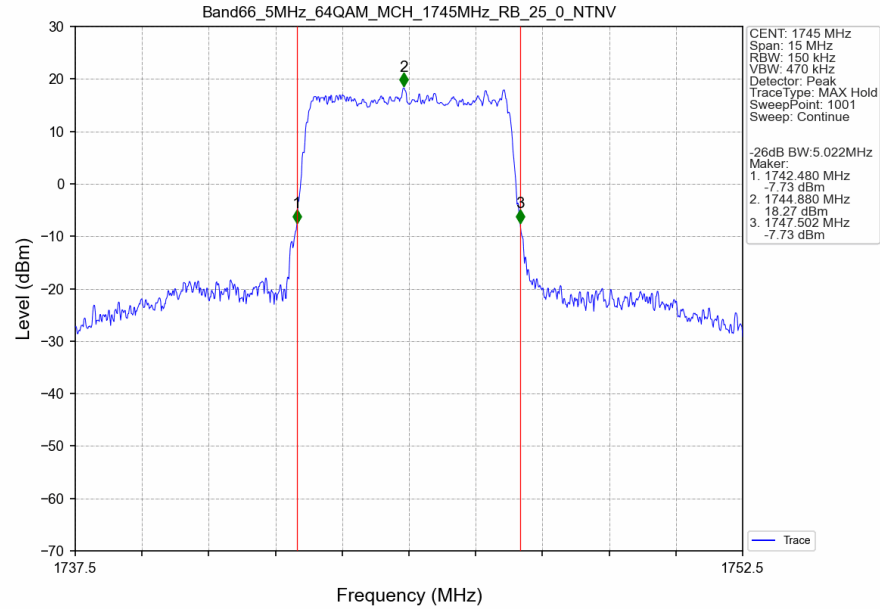
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



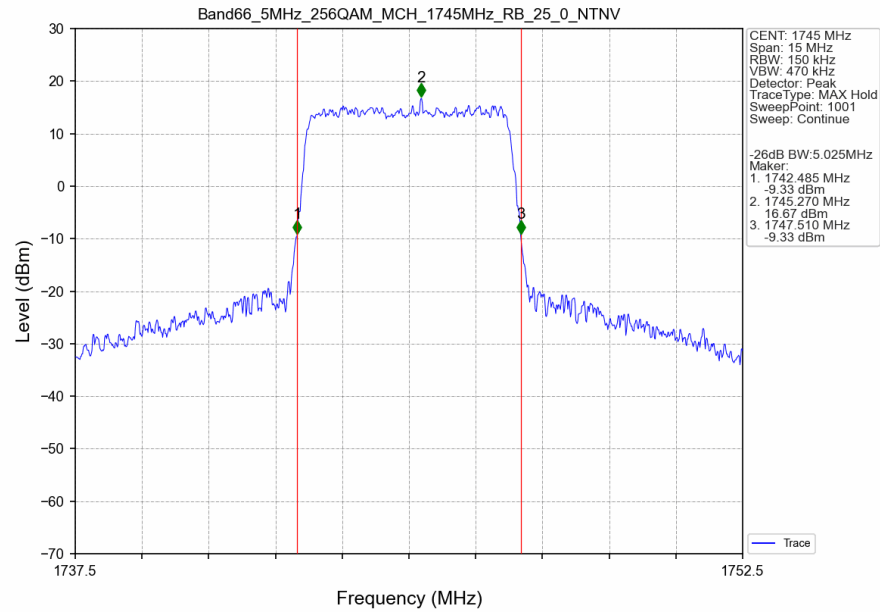
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



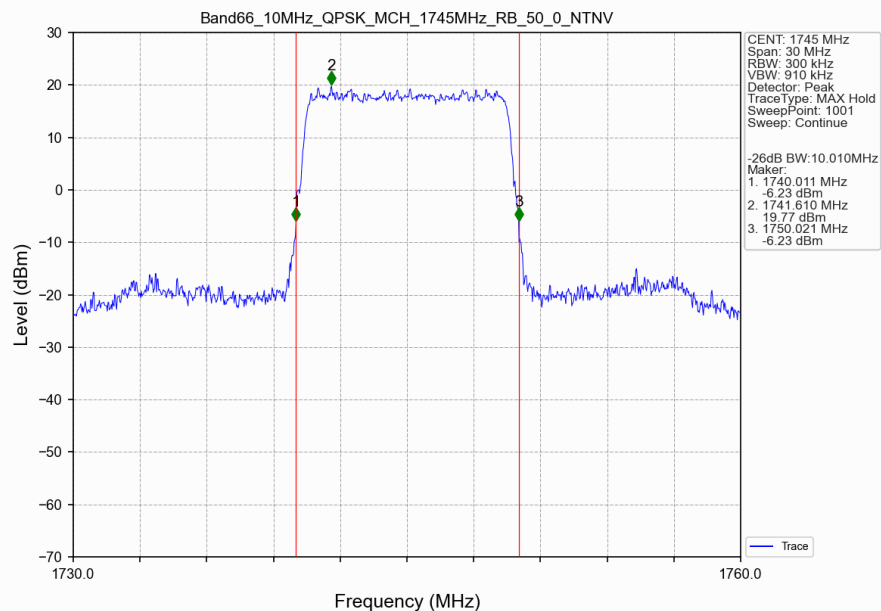
Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



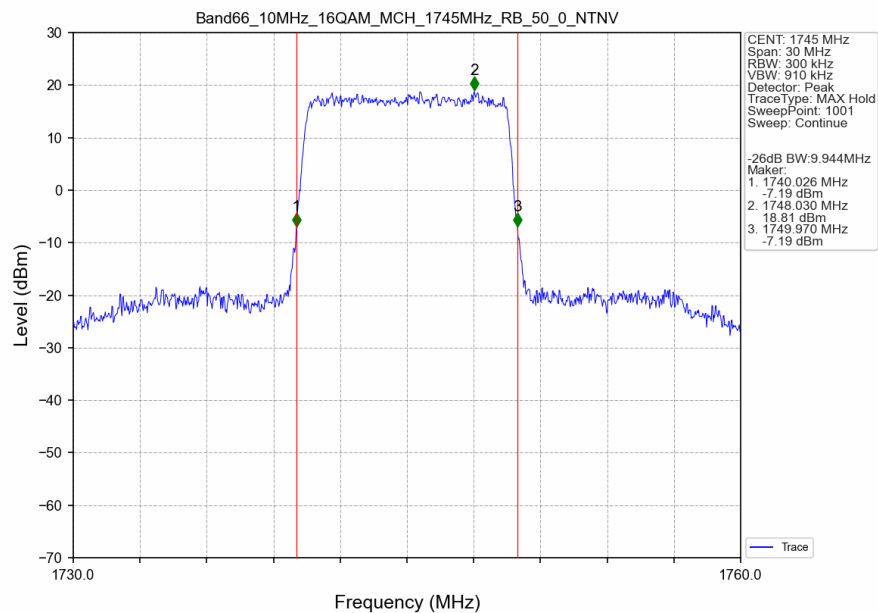
Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV

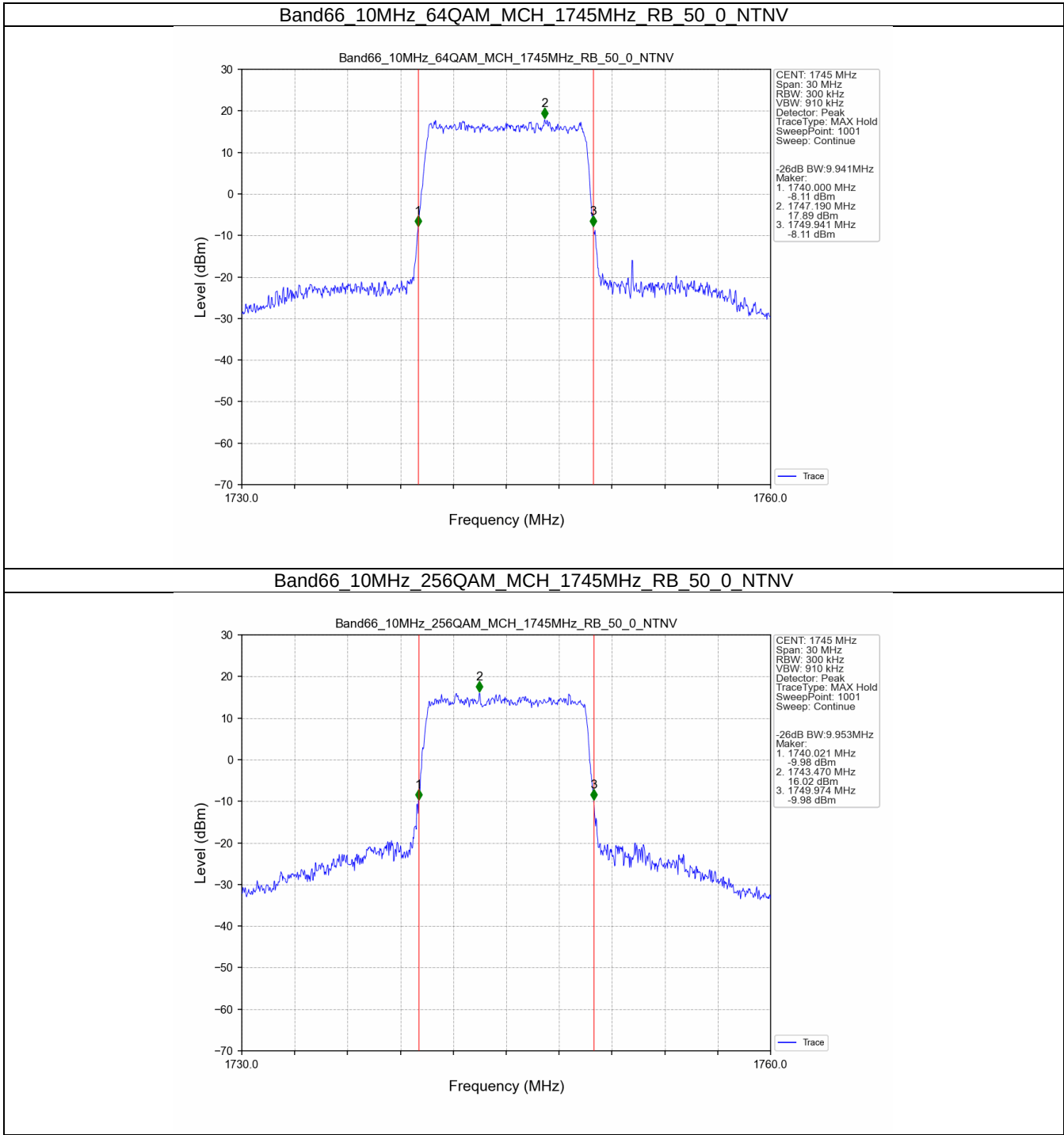


Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

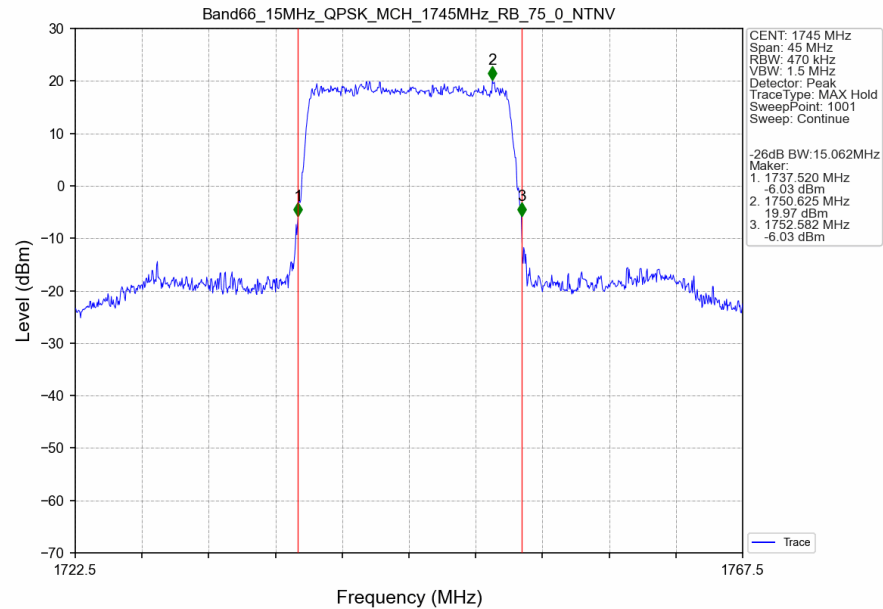


Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV

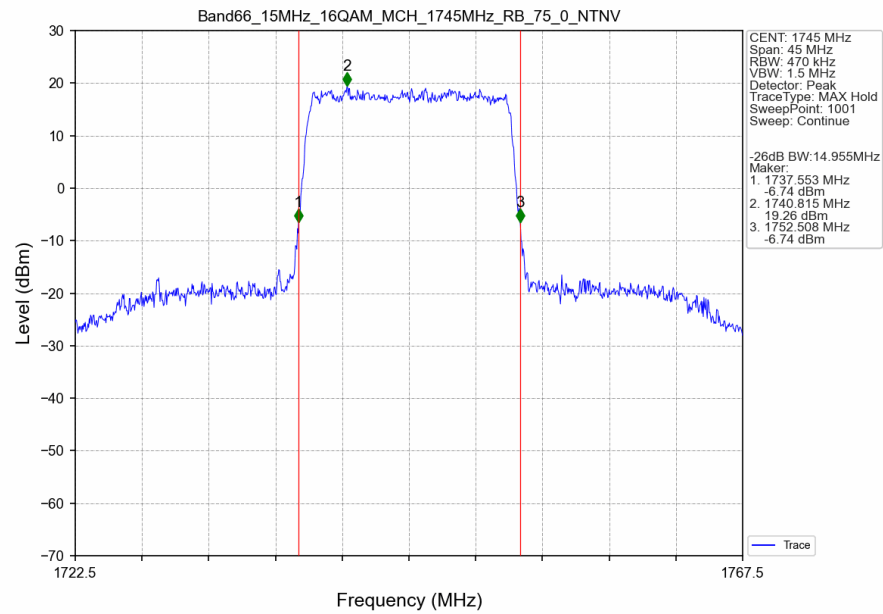




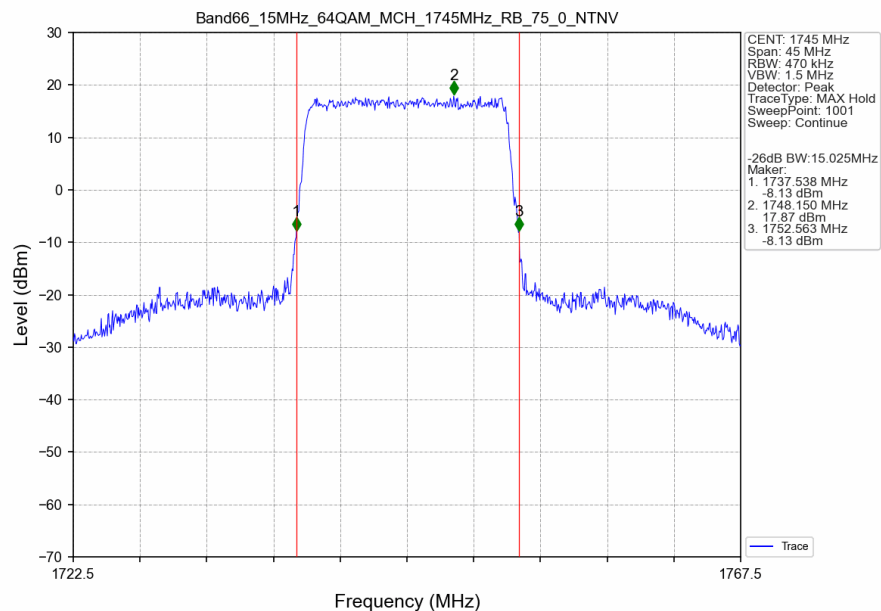
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



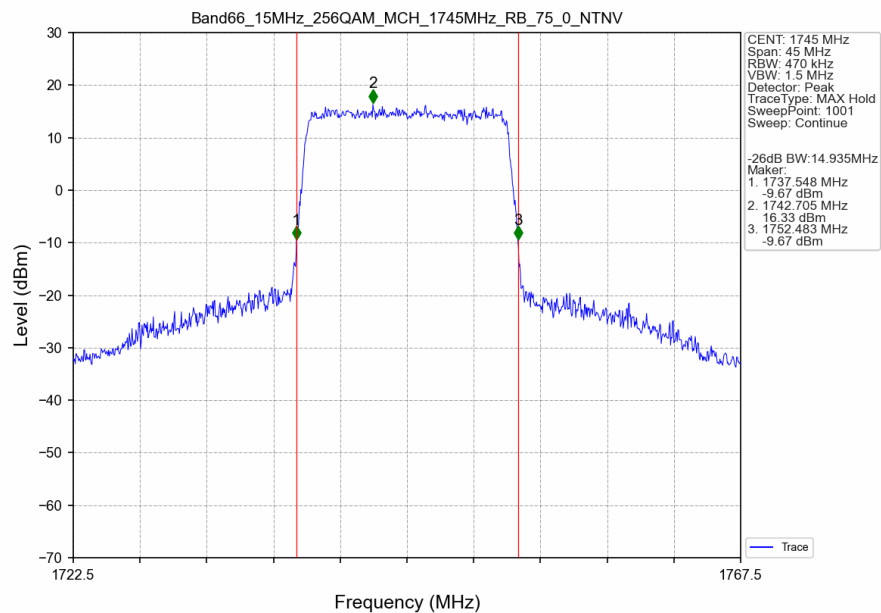
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV

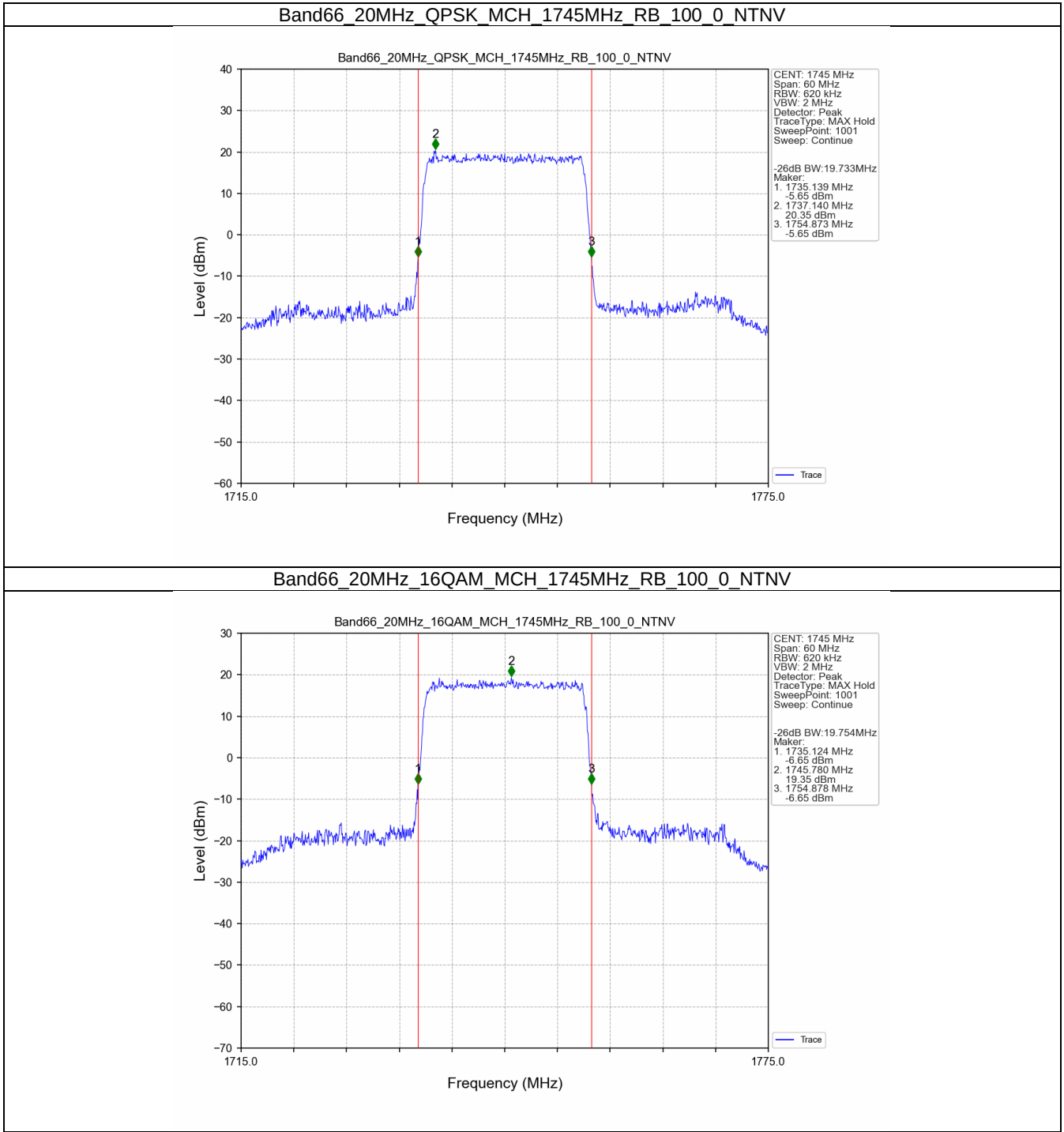


Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV

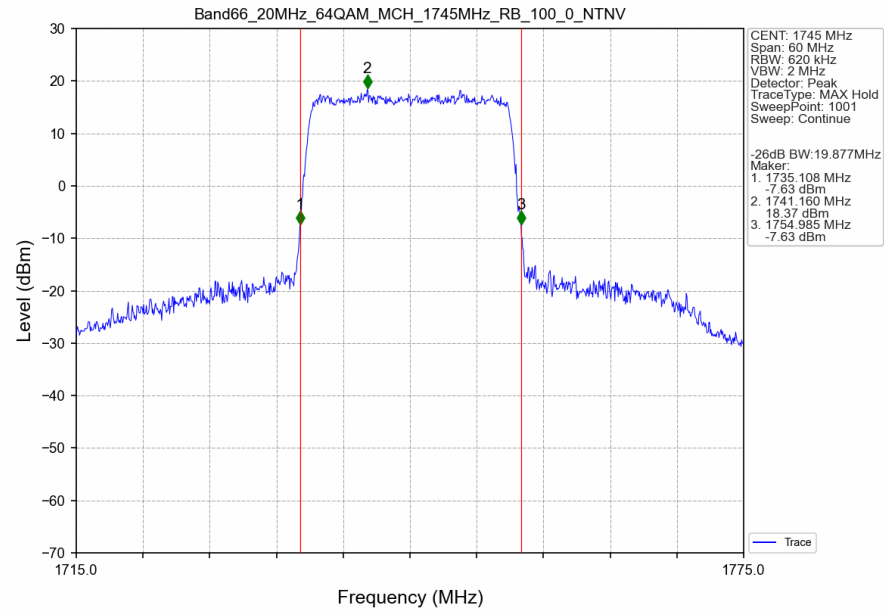


Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV

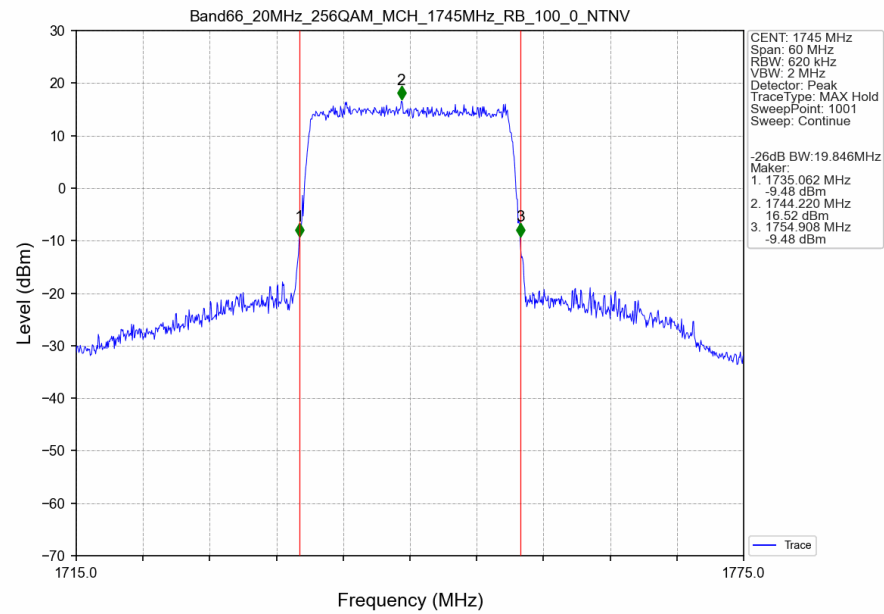




Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

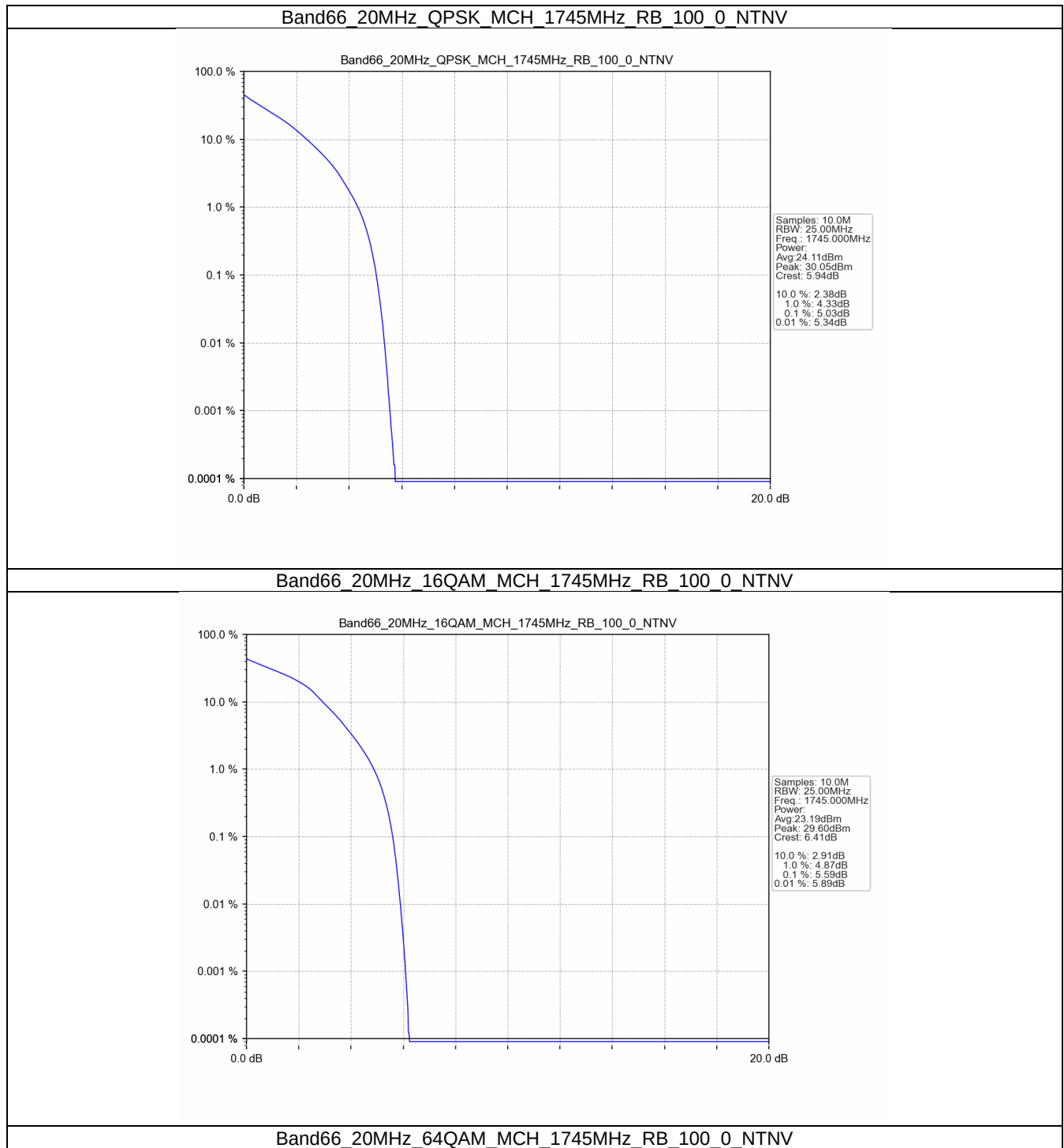
4.1 Test Result

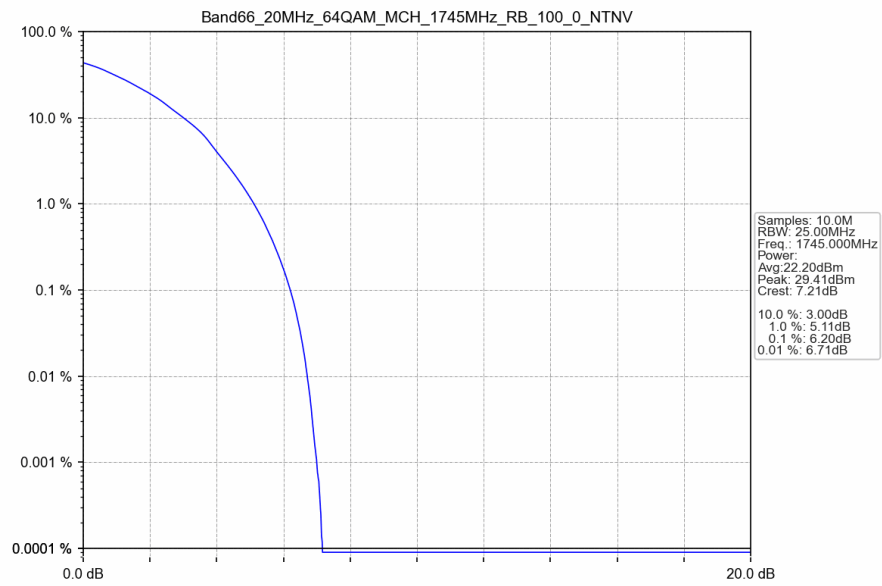
4.1.1 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.03	<=13	Pass
16QAM	1745	100	0	5.59	<=13	Pass
64QAM	1745	100	0	6.20	<=13	Pass
256QAM	1745	100	0	6.20	<=13	Pass

4.2 Test Graph

4.2.1 B66_20MHz





Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTN

