

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	24.51	-2.84	21.67	<=30	Pass
			2	24.70	-2.84	21.86	<=30	Pass
			5	24.78	-2.84	21.94	<=30	Pass
		3	0	24.75	-2.84	21.91	<=30	Pass
			2	24.64	-2.84	21.80	<=30	Pass
			3	24.82	-2.84	21.98	<=30	Pass
		6	0	23.81	-2.84	20.97	<=30	Pass
	1745	1	0	24.50	-2.84	21.66	<=30	Pass
			2	24.42	-2.84	21.58	<=30	Pass
			5	24.50	-2.84	21.66	<=30	Pass
		3	0	24.45	-2.84	21.61	<=30	Pass
			2	24.59	-2.84	21.75	<=30	Pass
			3	24.28	-2.84	21.44	<=30	Pass
		6	0	23.47	-2.84	20.63	<=30	Pass
	1779.3	1	0	24.45	-2.84	21.61	<=30	Pass
			2	24.47	-2.84	21.63	<=30	Pass
			5	24.67	-2.84	21.83	<=30	Pass
		3	0	24.43	-2.84	21.59	<=30	Pass
			2	24.62	-2.84	21.78	<=30	Pass
			3	24.24	-2.84	21.40	<=30	Pass
		6	0	23.52	-2.84	20.68	<=30	Pass
16QAM	1710.7	1	0	23.47	-2.84	20.63	<=30	Pass
			2	23.97	-2.84	21.13	<=30	Pass
			5	23.98	-2.84	21.14	<=30	Pass
		3	0	23.74	-2.84	20.90	<=30	Pass
			2	23.91	-2.84	21.07	<=30	Pass
			3	23.95	-2.84	21.11	<=30	Pass
		6	0	22.65	-2.84	19.81	<=30	Pass
	1745	1	0	23.94	-2.84	21.10	<=30	Pass
			2	23.92	-2.84	21.08	<=30	Pass
			5	23.68	-2.84	20.84	<=30	Pass
		3	0	23.50	-2.84	20.66	<=30	Pass
			2	23.64	-2.84	20.80	<=30	Pass
			3	23.59	-2.84	20.75	<=30	Pass
		6	0	22.72	-2.84	19.88	<=30	Pass
	1779.3	1	0	23.86	-2.84	21.02	<=30	Pass
			2	23.89	-2.84	21.05	<=30	Pass
			5	23.83	-2.84	20.99	<=30	Pass
		3	0	23.51	-2.84	20.67	<=30	Pass
			2	23.70	-2.84	20.86	<=30	Pass
			3	23.69	-2.84	20.85	<=30	Pass
		6	0	22.43	-2.84	19.59	<=30	Pass
64QAM	1710.7	1	0	23.85	-2.84	21.01	<=30	Pass
			2	23.66	-2.84	20.82	<=30	Pass
			5	23.95	-2.84	21.11	<=30	Pass
		3	0	23.55	-2.84	20.71	<=30	Pass
			2	23.81	-2.84	20.97	<=30	Pass
			3	23.84	-2.84	21.00	<=30	Pass
		6	0	22.75	-2.84	19.91	<=30	Pass

	1745	1	0	23.63	-2.84	20.79	<=30	Pass
			2	23.55	-2.84	20.71	<=30	Pass
			5	23.64	-2.84	20.80	<=30	Pass
		3	0	23.52	-2.84	20.68	<=30	Pass
			2	23.72	-2.84	20.88	<=30	Pass
			3	23.66	-2.84	20.82	<=30	Pass
		6	0	22.52	-2.84	19.68	<=30	Pass
	1779.3	1	0	23.66	-2.84	20.82	<=30	Pass
			2	23.65	-2.84	20.81	<=30	Pass
			5	23.02	-2.84	20.18	<=30	Pass
		3	0	23.62	-2.84	20.78	<=30	Pass
			2	23.62	-2.84	20.78	<=30	Pass
			3	23.55	-2.84	20.71	<=30	Pass
		6	0	22.55	-2.84	19.71	<=30	Pass
256QAM	1710.7	1	0	19.85	-2.84	17.01	<=30	Pass
			2	19.82	-2.84	16.98	<=30	Pass
			5	19.76	-2.84	16.92	<=30	Pass
		3	0	19.88	-2.84	17.04	<=30	Pass
			2	19.79	-2.84	16.95	<=30	Pass
			3	19.73	-2.84	16.89	<=30	Pass
		6	0	19.82	-2.84	16.98	<=30	Pass
	1745	1	0	19.55	-2.84	16.71	<=30	Pass
			2	19.58	-2.84	16.74	<=30	Pass
			5	19.58	-2.84	16.74	<=30	Pass
		3	0	19.62	-2.84	16.78	<=30	Pass
			2	19.54	-2.84	16.70	<=30	Pass
		3	19.59	-2.84	16.75	<=30	Pass	
	6	0	19.64	-2.84	16.80	<=30	Pass	
	1779.3	1	0	19.64	-2.84	16.80	<=30	Pass
			2	19.42	-2.84	16.58	<=30	Pass
			5	19.75	-2.84	16.91	<=30	Pass
		3	0	19.67	-2.84	16.83	<=30	Pass
			2	19.47	-2.84	16.63	<=30	Pass
			3	19.29	-2.84	16.45	<=30	Pass
		6	0	19.71	-2.84	16.87	<=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	24.68	-2.84	21.84	<=30	Pass
			7	24.88	-2.84	22.04	<=30	Pass
			14	24.60	-2.84	21.76	<=30	Pass
		8	0	23.84	-2.84	21.00	<=30	Pass
			4	23.87	-2.84	21.03	<=30	Pass
			7	23.81	-2.84	20.97	<=30	Pass
		15	0	23.79	-2.84	20.95	<=30	Pass
	1745	1	0	24.41	-2.84	21.57	<=30	Pass
			7	24.58	-2.84	21.74	<=30	Pass
			14	24.55	-2.84	21.71	<=30	Pass
		8	0	23.52	-2.84	20.68	<=30	Pass
			4	23.59	-2.84	20.75	<=30	Pass
			7	23.62	-2.84	20.78	<=30	Pass
		15	0	23.53	-2.84	20.69	<=30	Pass
	1778.5	1	0	24.20	-2.84	21.36	<=30	Pass

		8	7	24.55	-2.84	21.71	<=30	Pass
			14	24.50	-2.84	21.66	<=30	Pass
			0	23.24	-2.84	20.40	<=30	Pass
			4	23.37	-2.84	20.53	<=30	Pass
			7	23.35	-2.84	20.51	<=30	Pass
		15	0	23.47	-2.84	20.63	<=30	Pass
16QAM	1711.5	1	0	23.83	-2.84	20.99	<=30	Pass
			7	23.76	-2.84	20.92	<=30	Pass
			14	23.80	-2.84	20.96	<=30	Pass
		8	0	22.79	-2.84	19.95	<=30	Pass
			4	22.94	-2.84	20.10	<=30	Pass
			7	22.77	-2.84	19.93	<=30	Pass
		15	0	22.81	-2.84	19.97	<=30	Pass
	1745	1	0	23.80	-2.84	20.96	<=30	Pass
			7	23.94	-2.84	21.10	<=30	Pass
			14	23.64	-2.84	20.80	<=30	Pass
		8	0	22.54	-2.84	19.70	<=30	Pass
			4	22.77	-2.84	19.93	<=30	Pass
			7	22.68	-2.84	19.84	<=30	Pass
		15	0	22.62	-2.84	19.78	<=30	Pass
	1778.5	1	0	23.81	-2.84	20.97	<=30	Pass
			7	23.88	-2.84	21.04	<=30	Pass
			14	23.83	-2.84	20.99	<=30	Pass
		8	0	22.43	-2.84	19.59	<=30	Pass
			4	22.72	-2.84	19.88	<=30	Pass
			7	22.66	-2.84	19.82	<=30	Pass
		15	0	22.47	-2.84	19.63	<=30	Pass
64QAM	1711.5	1	0	23.60	-2.84	20.76	<=30	Pass
			7	23.67	-2.84	20.83	<=30	Pass
			14	23.52	-2.84	20.68	<=30	Pass
		8	0	22.74	-2.84	19.90	<=30	Pass
			4	22.89	-2.84	20.05	<=30	Pass
			7	22.80	-2.84	19.96	<=30	Pass
		15	0	22.70	-2.84	19.86	<=30	Pass
	1745	1	0	23.56	-2.84	20.72	<=30	Pass
			7	23.87	-2.84	21.03	<=30	Pass
			14	23.56	-2.84	20.72	<=30	Pass
		8	0	22.67	-2.84	19.83	<=30	Pass
			4	22.67	-2.84	19.83	<=30	Pass
			7	22.62	-2.84	19.78	<=30	Pass
		15	0	22.64	-2.84	19.80	<=30	Pass
	1778.5	1	0	23.15	-2.84	20.31	<=30	Pass
			7	23.41	-2.84	20.57	<=30	Pass
			14	23.72	-2.84	20.88	<=30	Pass
		8	0	22.57	-2.84	19.73	<=30	Pass
			4	22.62	-2.84	19.78	<=30	Pass
			7	22.22	-2.84	19.38	<=30	Pass
		15	0	22.51	-2.84	19.67	<=30	Pass
256QAM	1711.5	1	0	19.88	-2.84	17.04	<=30	Pass
			7	19.93	-2.84	17.09	<=30	Pass
			14	19.92	-2.84	17.08	<=30	Pass
		8	0	19.83	-2.84	16.99	<=30	Pass
			4	19.86	-2.84	17.02	<=30	Pass
			7	19.84	-2.84	17.00	<=30	Pass
		15	0	19.86	-2.84	17.02	<=30	Pass
	1745	1	0	19.54	-2.84	16.70	<=30	Pass
			7	19.65	-2.84	16.81	<=30	Pass
			14	19.58	-2.84	16.74	<=30	Pass
		8	0	19.66	-2.84	16.82	<=30	Pass

			4	19.74	-2.84	16.90	<=30	Pass
			7	19.51	-2.84	16.67	<=30	Pass
		15	0	19.59	-2.84	16.75	<=30	Pass
	1778.5	1	0	19.34	-2.84	16.50	<=30	Pass
			7	19.79	-2.84	16.95	<=30	Pass
			14	19.60	-2.84	16.76	<=30	Pass
		8	0	19.27	-2.84	16.43	<=30	Pass
			4	19.40	-2.84	16.56	<=30	Pass
			7	19.55	-2.84	16.71	<=30	Pass
		15	0	19.37	-2.84	16.53	<=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	24.62	-2.84	21.78	<=30	Pass
			13	24.84	-2.84	22.00	<=30	Pass
			24	24.68	-2.84	21.84	<=30	Pass
		12	0	23.82	-2.84	20.98	<=30	Pass
			6	23.88	-2.84	21.04	<=30	Pass
			13	23.82	-2.84	20.98	<=30	Pass
		25	0	23.84	-2.84	21.00	<=30	Pass
	1745	1	0	24.36	-2.84	21.52	<=30	Pass
			13	24.82	-2.84	21.98	<=30	Pass
			24	24.42	-2.84	21.58	<=30	Pass
		12	0	23.56	-2.84	20.72	<=30	Pass
			6	23.53	-2.84	20.69	<=30	Pass
			13	23.66	-2.84	20.82	<=30	Pass
		25	0	23.41	-2.84	20.57	<=30	Pass
	1777.5	1	0	24.36	-2.84	21.52	<=30	Pass
			13	24.79	-2.84	21.95	<=30	Pass
			24	24.27	-2.84	21.43	<=30	Pass
		12	0	23.46	-2.84	20.62	<=30	Pass
			6	23.36	-2.84	20.52	<=30	Pass
			13	23.48	-2.84	20.64	<=30	Pass
		25	0	23.54	-2.84	20.70	<=30	Pass
16QAM	1712.5	1	0	23.97	-2.84	21.13	<=30	Pass
			13	23.88	-2.84	21.04	<=30	Pass
			24	23.99	-2.84	21.15	<=30	Pass
		12	0	22.78	-2.84	19.94	<=30	Pass
			6	22.88	-2.84	20.04	<=30	Pass
			13	22.74	-2.84	19.90	<=30	Pass
		25	0	22.83	-2.84	19.99	<=30	Pass
	1745	1	0	23.61	-2.84	20.77	<=30	Pass
			13	24.10	-2.84	21.26	<=30	Pass
			24	23.55	-2.84	20.71	<=30	Pass
		12	0	22.48	-2.84	19.64	<=30	Pass
			6	22.73	-2.84	19.89	<=30	Pass
			13	22.57	-2.84	19.73	<=30	Pass
		25	0	22.66	-2.84	19.82	<=30	Pass
	1777.5	1	0	23.71	-2.84	20.87	<=30	Pass
			13	23.13	-2.84	20.29	<=30	Pass
			24	23.58	-2.84	20.74	<=30	Pass
		12	0	22.47	-2.84	19.63	<=30	Pass
			6	22.57	-2.84	19.73	<=30	Pass

			13	22.44	-2.84	19.60	<=30	Pass	
		25	0	22.38	-2.84	19.54	<=30	Pass	
64QAM	1712.5	1	0	23.83	-2.84	20.99	<=30	Pass	
			13	23.74	-2.84	20.90	<=30	Pass	
			24	23.67	-2.84	20.83	<=30	Pass	
			0	22.50	-2.84	19.66	<=30	Pass	
		12	6	22.60	-2.84	19.76	<=30	Pass	
			13	22.83	-2.84	19.99	<=30	Pass	
			25	0	22.82	-2.84	19.98	<=30	Pass
		1745	1	0	23.74	-2.84	20.90	<=30	Pass
				13	23.85	-2.84	21.01	<=30	Pass
	24			23.82	-2.84	20.98	<=30	Pass	
	12		0	22.45	-2.84	19.61	<=30	Pass	
			6	22.68	-2.84	19.84	<=30	Pass	
			13	22.68	-2.84	19.84	<=30	Pass	
	25		0	22.59	-2.84	19.75	<=30	Pass	
	1777.5	1	0	23.57	-2.84	20.73	<=30	Pass	
			13	23.92	-2.84	21.08	<=30	Pass	
			24	23.91	-2.84	21.07	<=30	Pass	
		12	0	22.50	-2.84	19.66	<=30	Pass	
			6	22.50	-2.84	19.66	<=30	Pass	
			13	22.60	-2.84	19.76	<=30	Pass	
		25	0	22.52	-2.84	19.68	<=30	Pass	
		256QAM	1712.5	1	0	19.33	-2.84	16.49	<=30
	13				19.72	-2.84	16.88	<=30	Pass
24	19.89				-2.84	17.05	<=30	Pass	
12	0			19.77	-2.84	16.93	<=30	Pass	
	6			19.78	-2.84	16.94	<=30	Pass	
	13			19.81	-2.84	16.97	<=30	Pass	
25	0			19.76	-2.84	16.92	<=30	Pass	
1745	1		0	19.68	-2.84	16.84	<=30	Pass	
			13	19.66	-2.84	16.82	<=30	Pass	
			24	19.47	-2.84	16.63	<=30	Pass	
	12		0	19.59	-2.84	16.75	<=30	Pass	
			6	19.68	-2.84	16.84	<=30	Pass	
			13	19.74	-2.84	16.90	<=30	Pass	
25	0		19.55	-2.84	16.71	<=30	Pass		
1777.5	1		0	19.47	-2.84	16.63	<=30	Pass	
			13	19.87	-2.84	17.03	<=30	Pass	
			24	19.69	-2.84	16.85	<=30	Pass	
	12		0	19.44	-2.84	16.60	<=30	Pass	
			6	19.54	-2.84	16.70	<=30	Pass	
			13	19.62	-2.84	16.78	<=30	Pass	
	25		0	19.53	-2.84	16.69	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	24.84	-2.84	22.00	<=30	Pass
			25	24.40	-2.84	21.56	<=30	Pass
			49	24.63	-2.84	21.79	<=30	Pass
		25	0	23.72	-2.84	20.88	<=30	Pass
			13	23.73	-2.84	20.89	<=30	Pass
			25	23.64	-2.84	20.80	<=30	Pass

		50	0	23.74	-2.84	20.90	<=30	Pass
	1745	1	0	24.36	-2.84	21.52	<=30	Pass
			25	24.71	-2.84	21.87	<=30	Pass
			49	24.59	-2.84	21.75	<=30	Pass
			0	23.61	-2.84	20.77	<=30	Pass
		25	13	23.67	-2.84	20.83	<=30	Pass
			25	23.72	-2.84	20.88	<=30	Pass
	50	0	23.64	-2.84	20.80	<=30	Pass	
	1775	1	0	24.55	-2.84	21.71	<=30	Pass
			25	24.57	-2.84	21.73	<=30	Pass
			49	24.50	-2.84	21.66	<=30	Pass
			0	23.51	-2.84	20.67	<=30	Pass
		25	13	23.70	-2.84	20.86	<=30	Pass
			25	23.66	-2.84	20.82	<=30	Pass
			50	0	23.64	-2.84	20.80	<=30
16QAM	1715	1	0	24.01	-2.84	21.17	<=30	Pass
			25	23.82	-2.84	20.98	<=30	Pass
			49	23.70	-2.84	20.86	<=30	Pass
		25	0	22.67	-2.84	19.83	<=30	Pass
			13	22.70	-2.84	19.86	<=30	Pass
			25	22.58	-2.84	19.74	<=30	Pass
		50	0	22.67	-2.84	19.83	<=30	Pass
		1745	1	0	23.96	-2.84	21.12	<=30
	25			23.85	-2.84	21.01	<=30	Pass
	49			23.87	-2.84	21.03	<=30	Pass
	25		0	22.61	-2.84	19.77	<=30	Pass
			13	22.51	-2.84	19.67	<=30	Pass
			25	22.69	-2.84	19.85	<=30	Pass
	50		0	22.46	-2.84	19.62	<=30	Pass
	1775	1	0	23.72	-2.84	20.88	<=30	Pass
			25	23.66	-2.84	20.82	<=30	Pass
			49	23.85	-2.84	21.01	<=30	Pass
		25	0	22.38	-2.84	19.54	<=30	Pass
			13	22.75	-2.84	19.91	<=30	Pass
			25	22.51	-2.84	19.67	<=30	Pass
		50	0	22.65	-2.84	19.81	<=30	Pass
	64QAM	1715	1	0	23.71	-2.84	20.87	<=30
25				23.74	-2.84	20.90	<=30	Pass
49				23.80	-2.84	20.96	<=30	Pass
25			0	22.70	-2.84	19.86	<=30	Pass
			13	22.72	-2.84	19.88	<=30	Pass
			25	22.59	-2.84	19.75	<=30	Pass
50			0	22.66	-2.84	19.82	<=30	Pass
1745			1	0	23.50	-2.84	20.66	<=30
		25		23.57	-2.84	20.73	<=30	Pass
		49		23.49	-2.84	20.65	<=30	Pass
		25	0	22.60	-2.84	19.76	<=30	Pass
			13	22.46	-2.84	19.62	<=30	Pass
			25	22.71	-2.84	19.87	<=30	Pass
		50	0	22.53	-2.84	19.69	<=30	Pass
1775		1	0	23.42	-2.84	20.58	<=30	Pass
			25	23.74	-2.84	20.90	<=30	Pass
			49	23.69	-2.84	20.85	<=30	Pass
		25	0	22.49	-2.84	19.65	<=30	Pass
			13	22.50	-2.84	19.66	<=30	Pass
			25	22.57	-2.84	19.73	<=30	Pass
		50	0	22.64	-2.84	19.80	<=30	Pass
256QAM		1715	1	0	19.79	-2.84	16.95	<=30
	25			19.72	-2.84	16.88	<=30	Pass

			49	19.62	-2.84	16.78	<=30	Pass
		25	0	19.79	-2.84	16.95	<=30	Pass
			13	19.70	-2.84	16.86	<=30	Pass
			25	19.72	-2.84	16.88	<=30	Pass
		50	0	19.68	-2.84	16.84	<=30	Pass
	1745	1	0	19.43	-2.84	16.59	<=30	Pass
			25	19.74	-2.84	16.90	<=30	Pass
			49	19.79	-2.84	16.95	<=30	Pass
		25	0	19.61	-2.84	16.77	<=30	Pass
			13	19.68	-2.84	16.84	<=30	Pass
			25	19.70	-2.84	16.86	<=30	Pass
		50	0	19.47	-2.84	16.63	<=30	Pass
	1775	1	0	19.55	-2.84	16.71	<=30	Pass
			25	19.67	-2.84	16.83	<=30	Pass
			49	19.71	-2.84	16.87	<=30	Pass
		25	0	19.40	-2.84	16.56	<=30	Pass
			13	19.62	-2.84	16.78	<=30	Pass
			25	19.66	-2.84	16.82	<=30	Pass
		50	0	19.51	-2.84	16.67	<=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	24.48	-2.84	21.64	<=30	Pass
			38	24.59	-2.84	21.75	<=30	Pass
			74	24.39	-2.84	21.55	<=30	Pass
		36	0	23.31	-2.84	20.47	<=30	Pass
			18	23.53	-2.84	20.69	<=30	Pass
			39	23.53	-2.84	20.69	<=30	Pass
		75	0	23.52	-2.84	20.68	<=30	Pass
	1745	1	0	24.37	-2.84	21.53	<=30	Pass
			38	24.28	-2.84	21.44	<=30	Pass
			74	24.38	-2.84	21.54	<=30	Pass
		36	0	23.33	-2.84	20.49	<=30	Pass
			18	23.41	-2.84	20.57	<=30	Pass
			39	23.58	-2.84	20.74	<=30	Pass
		75	0	23.39	-2.84	20.55	<=30	Pass
	1772.5	1	0	24.29	-2.84	21.45	<=30	Pass
			38	24.07	-2.84	21.23	<=30	Pass
			74	24.43	-2.84	21.59	<=30	Pass
		36	0	23.44	-2.84	20.60	<=30	Pass
			18	23.45	-2.84	20.61	<=30	Pass
			39	23.54	-2.84	20.70	<=30	Pass
		75	0	23.37	-2.84	20.53	<=30	Pass
16QAM	1717.5	1	0	23.66	-2.84	20.82	<=30	Pass
			38	23.70	-2.84	20.86	<=30	Pass
			74	23.59	-2.84	20.75	<=30	Pass
		36	0	22.50	-2.84	19.66	<=30	Pass
			18	22.46	-2.84	19.62	<=30	Pass
			39	22.52	-2.84	19.68	<=30	Pass
		75	0	22.36	-2.84	19.52	<=30	Pass
	1745	1	0	23.41	-2.84	20.57	<=30	Pass
			38	23.33	-2.84	20.49	<=30	Pass
			74	23.63	-2.84	20.79	<=30	Pass

		36	0	22.02	-2.84	19.18	<=30	Pass
			18	22.14	-2.84	19.30	<=30	Pass
			39	22.61	-2.84	19.77	<=30	Pass
		75	0	22.40	-2.84	19.56	<=30	Pass
	1772.5	1	0	23.35	-2.84	20.51	<=30	Pass
			38	23.33	-2.84	20.49	<=30	Pass
			74	23.43	-2.84	20.59	<=30	Pass
		36	0	22.33	-2.84	19.49	<=30	Pass
			18	22.35	-2.84	19.51	<=30	Pass
			39	22.38	-2.84	19.54	<=30	Pass
		75	0	22.37	-2.84	19.53	<=30	Pass
64QAM	1717.5	1	0	23.37	-2.84	20.53	<=30	Pass
			38	23.37	-2.84	20.53	<=30	Pass
			74	23.53	-2.84	20.69	<=30	Pass
		36	0	22.57	-2.84	19.73	<=30	Pass
			18	22.48	-2.84	19.64	<=30	Pass
			39	22.42	-2.84	19.58	<=30	Pass
		75	0	22.45	-2.84	19.61	<=30	Pass
	1745	1	0	23.49	-2.84	20.65	<=30	Pass
			38	23.50	-2.84	20.66	<=30	Pass
			74	23.51	-2.84	20.67	<=30	Pass
		36	0	22.38	-2.84	19.54	<=30	Pass
			18	22.42	-2.84	19.58	<=30	Pass
			39	22.48	-2.84	19.64	<=30	Pass
		75	0	22.46	-2.84	19.62	<=30	Pass
	1772.5	1	0	23.15	-2.84	20.31	<=30	Pass
			38	23.60	-2.84	20.76	<=30	Pass
			74	22.99	-2.84	20.15	<=30	Pass
		36	0	22.40	-2.84	19.56	<=30	Pass
			18	22.34	-2.84	19.50	<=30	Pass
			39	22.63	-2.84	19.79	<=30	Pass
		75	0	22.34	-2.84	19.50	<=30	Pass
256QAM	1717.5	1	0	19.43	-2.84	16.59	<=30	Pass
			38	19.53	-2.84	16.69	<=30	Pass
			74	19.52	-2.84	16.68	<=30	Pass
		36	0	19.50	-2.84	16.66	<=30	Pass
			18	19.51	-2.84	16.67	<=30	Pass
			39	19.48	-2.84	16.64	<=30	Pass
		75	0	19.60	-2.84	16.76	<=30	Pass
	1745	1	0	19.34	-2.84	16.50	<=30	Pass
			38	19.48	-2.84	16.64	<=30	Pass
			74	19.57	-2.84	16.73	<=30	Pass
		36	0	19.43	-2.84	16.59	<=30	Pass
			18	19.55	-2.84	16.71	<=30	Pass
			39	19.61	-2.84	16.77	<=30	Pass
		75	0	19.48	-2.84	16.64	<=30	Pass
	1772.5	1	0	19.08	-2.84	16.24	<=30	Pass
			38	19.32	-2.84	16.48	<=30	Pass
			74	19.68	-2.84	16.84	<=30	Pass
		36	0	19.30	-2.84	16.46	<=30	Pass
			18	19.30	-2.84	16.46	<=30	Pass
			39	19.36	-2.84	16.52	<=30	Pass
		75	0	19.37	-2.84	16.53	<=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	24.44	-2.84	21.60	<=30	Pass
			50	24.65	-2.84	21.81	<=30	Pass
			99	24.63	-2.84	21.79	<=30	Pass
		50	0	23.09	-2.84	20.25	<=30	Pass
			25	23.46	-2.84	20.62	<=30	Pass
			50	23.35	-2.84	20.51	<=30	Pass
		100	0	23.47	-2.84	20.63	<=30	Pass
	1745	1	0	24.25	-2.84	21.41	<=30	Pass
			50	23.98	-2.84	21.14	<=30	Pass
			99	24.52	-2.84	21.68	<=30	Pass
		50	0	23.49	-2.84	20.65	<=30	Pass
			25	23.47	-2.84	20.63	<=30	Pass
			50	23.59	-2.84	20.75	<=30	Pass
		100	0	23.41	-2.84	20.57	<=30	Pass
	1770	1	0	24.94	-2.84	22.10	<=30	Pass
			50	24.22	-2.84	21.38	<=30	Pass
			99	24.78	-2.84	21.94	<=30	Pass
		50	0	23.38	-2.84	20.54	<=30	Pass
			25	23.53	-2.84	20.69	<=30	Pass
			50	23.52	-2.84	20.68	<=30	Pass
		100	0	23.43	-2.84	20.59	<=30	Pass
16QAM	1720	1	0	23.34	-2.84	20.50	<=30	Pass
			50	23.30	-2.84	20.46	<=30	Pass
			99	23.36	-2.84	20.52	<=30	Pass
		50	0	22.44	-2.84	19.60	<=30	Pass
			25	22.48	-2.84	19.64	<=30	Pass
			50	22.33	-2.84	19.49	<=30	Pass
		100	0	22.44	-2.84	19.60	<=30	Pass
	1745	1	0	23.56	-2.84	20.72	<=30	Pass
			50	23.39	-2.84	20.55	<=30	Pass
			99	23.90	-2.84	21.06	<=30	Pass
		50	0	22.42	-2.84	19.58	<=30	Pass
			25	22.46	-2.84	19.62	<=30	Pass
			50	22.59	-2.84	19.75	<=30	Pass
		100	0	22.37	-2.84	19.53	<=30	Pass
	1770	1	0	23.10	-2.84	20.26	<=30	Pass
			50	23.34	-2.84	20.50	<=30	Pass
			99	23.10	-2.84	20.26	<=30	Pass
		50	0	22.33	-2.84	19.49	<=30	Pass
			25	22.64	-2.84	19.80	<=30	Pass
			50	22.38	-2.84	19.54	<=30	Pass
		100	0	22.56	-2.84	19.72	<=30	Pass
64QAM	1720	1	0	22.42	-2.84	19.58	<=30	Pass
			50	22.44	-2.84	19.60	<=30	Pass
			99	22.56	-2.84	19.72	<=30	Pass
		50	0	21.11	-2.84	18.27	<=30	Pass
			25	21.50	-2.84	18.66	<=30	Pass
			50	21.46	-2.84	18.62	<=30	Pass
		100	0	21.40	-2.84	18.56	<=30	Pass
	1745	1	0	22.27	-2.84	19.43	<=30	Pass
			50	22.51	-2.84	19.67	<=30	Pass
			99	22.60	-2.84	19.76	<=30	Pass
		50	0	21.45	-2.84	18.61	<=30	Pass
			25	21.40	-2.84	18.56	<=30	Pass
			50	21.61	-2.84	18.77	<=30	Pass
	100	0	0	21.46	-2.84	18.62	<=30	Pass

	1770	1	0	22.58	-2.84	19.74	<=30	Pass		
			50	22.74	-2.84	19.90	<=30	Pass		
			99	22.47	-2.84	19.63	<=30	Pass		
		50	0	21.42	-2.84	18.58	<=30	Pass		
			25	21.47	-2.84	18.63	<=30	Pass		
			50	21.59	-2.84	18.75	<=30	Pass		
		100	0	21.45	-2.84	18.61	<=30	Pass		
		256QAM	1720	1	0	19.50	-2.84	16.66	<=30	Pass
					50	19.58	-2.84	16.74	<=30	Pass
99	19.33				-2.84	16.49	<=30	Pass		
50	0			19.39	-2.84	16.55	<=30	Pass		
	25			19.49	-2.84	16.65	<=30	Pass		
	50			19.55	-2.84	16.71	<=30	Pass		
100	0			19.53	-2.84	16.69	<=30	Pass		
1745	1			0	19.25	-2.84	16.41	<=30	Pass	
				50	19.57	-2.84	16.73	<=30	Pass	
			99	19.35	-2.84	16.51	<=30	Pass		
	50		0	19.50	-2.84	16.66	<=30	Pass		
			25	19.38	-2.84	16.54	<=30	Pass		
			50	19.61	-2.84	16.77	<=30	Pass		
	100		0	19.43	-2.84	16.59	<=30	Pass		
	1770		1	0	19.01	-2.84	16.17	<=30	Pass	
				50	19.41	-2.84	16.57	<=30	Pass	
99				19.57	-2.84	16.73	<=30	Pass		
50			0	19.53	-2.84	16.69	<=30	Pass		
			25	19.46	-2.84	16.62	<=30	Pass		
			50	19.72	-2.84	16.88	<=30	Pass		
100			0	19.57	-2.84	16.73	<=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	-0.400	-0.0002	-2.5 to 2.5	Pass
					NV	-2.700	-0.0015	-2.5 to 2.5	Pass
					HV	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	NV	-2.700	-0.0015	-2.5 to 2.5	Pass
				-20	NV	0.300	0.0002	-2.5 to 2.5	Pass
				-10	NV	-0.600	-0.0003	-2.5 to 2.5	Pass
				0	NV	1.100	0.0006	-2.5 to 2.5	Pass
				10	NV	-0.700	-0.0004	-2.5 to 2.5	Pass
				30	NV	0.000	0.0000	-2.5 to 2.5	Pass
				40	NV	-1.000	-0.0006	-2.5 to 2.5	Pass
				50	NV	-1.600	-0.0009	-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	1.123	/	Pass
	16QAM	1745	6	0	1.129	/	Pass
	64QAM	1745	6	0	1.125	/	Pass
	256QAM	1745	6	0	1.123	/	Pass
3	QPSK	1745	15	0	2.743	/	Pass
	16QAM	1745	15	0	2.739	/	Pass
	64QAM	1745	15	0	2.737	/	Pass
	256QAM	1745	15	0	2.748	/	Pass
5	QPSK	1745	25	0	4.581	/	Pass
	16QAM	1745	25	0	4.557	/	Pass
	64QAM	1745	25	0	4.560	/	Pass
	256QAM	1745	25	0	4.562	/	Pass
10	QPSK	1745	50	0	9.096	/	Pass
	16QAM	1745	50	0	9.098	/	Pass
	64QAM	1745	50	0	9.077	/	Pass
	256QAM	1745	50	0	9.064	/	Pass
15	QPSK	1745	75	0	13.631	/	Pass
	16QAM	1745	75	0	13.635	/	Pass
	64QAM	1745	75	0	13.634	/	Pass
	256QAM	1745	75	0	13.609	/	Pass
20	QPSK	1745	100	0	18.179	/	Pass
	16QAM	1745	100	0	18.190	/	Pass
	64QAM	1745	100	0	18.125	/	Pass
	256QAM	1745	100	0	18.103	/	Pass

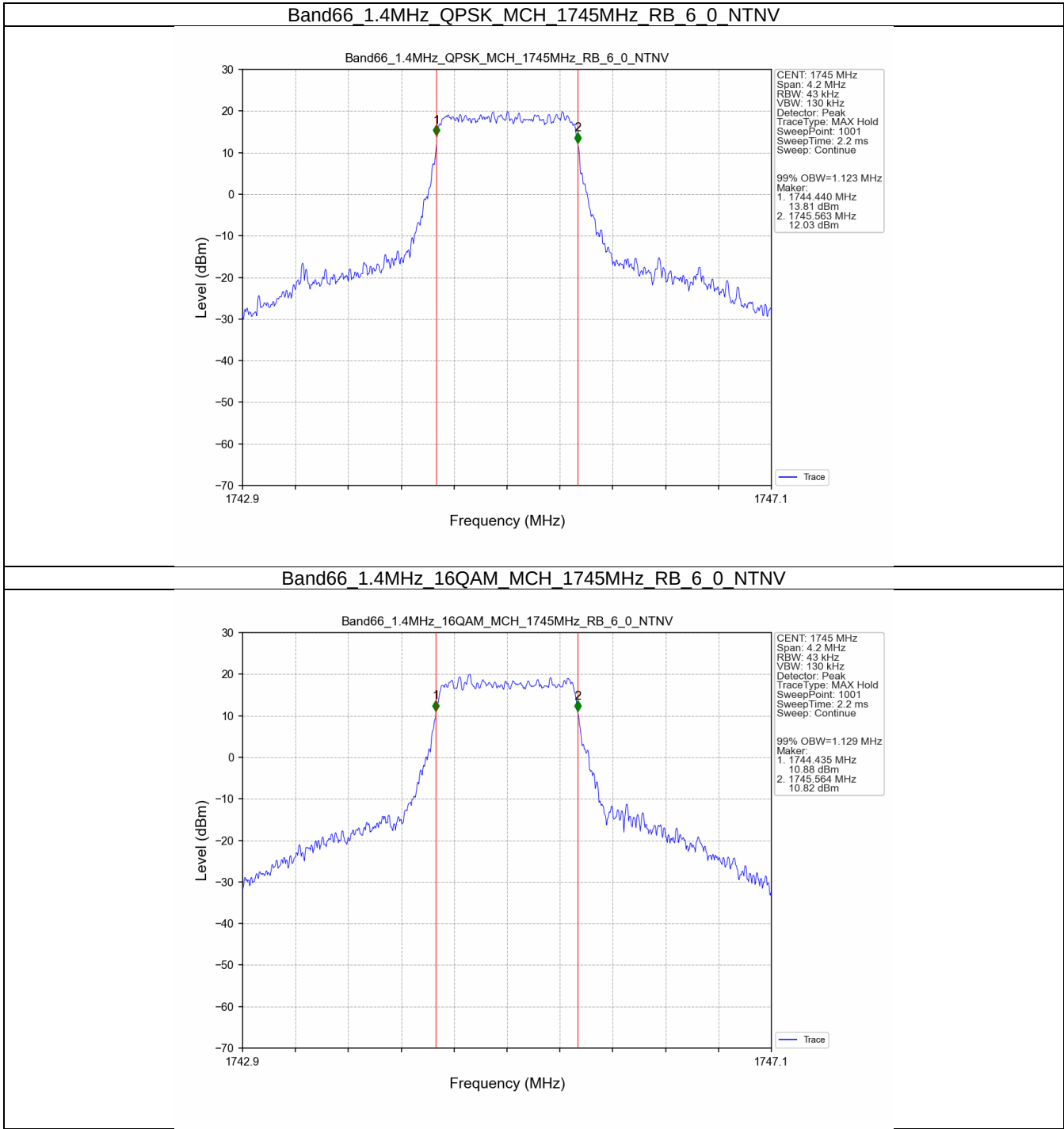
3.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.384	/	Pass
	16QAM	1745	6	0	1.418	/	Pass
	64QAM	1745	6	0	1.413	/	Pass
	256QAM	1745	6	0	1.386	/	Pass
3	QPSK	1745	15	0	3.089	/	Pass
	16QAM	1745	15	0	3.100	/	Pass
	64QAM	1745	15	0	3.136	/	Pass
	256QAM	1745	15	0	3.110	/	Pass
5	QPSK	1745	25	0	5.248	/	Pass
	16QAM	1745	25	0	5.221	/	Pass
	64QAM	1745	25	0	5.205	/	Pass
	256QAM	1745	25	0	5.269	/	Pass
10	QPSK	1745	50	0	10.095	/	Pass
	16QAM	1745	50	0	10.105	/	Pass
	64QAM	1745	50	0	10.220	/	Pass

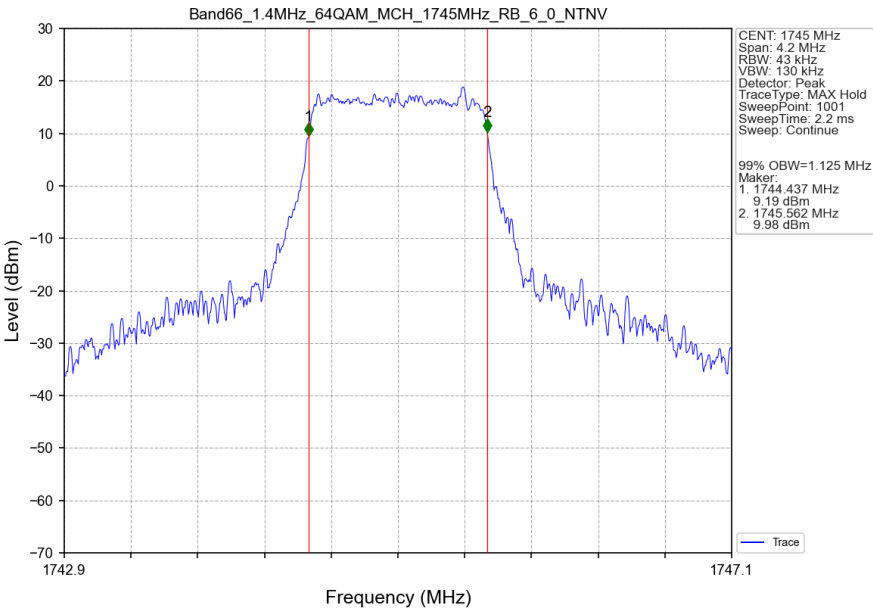
	256QAM	1745	50	0	10.196	/	Pass
15	QPSK	1745	75	0	15.260	/	Pass
	16QAM	1745	75	0	15.134	/	Pass
	64QAM	1745	75	0	15.142	/	Pass
	256QAM	1745	75	0	15.225	/	Pass
20	QPSK	1745	100	0	20.032	/	Pass
	16QAM	1745	100	0	20.107	/	Pass
	64QAM	1745	100	0	20.152	/	Pass
	256QAM	1745	100	0	19.986	/	Pass

3.2 Test Graph

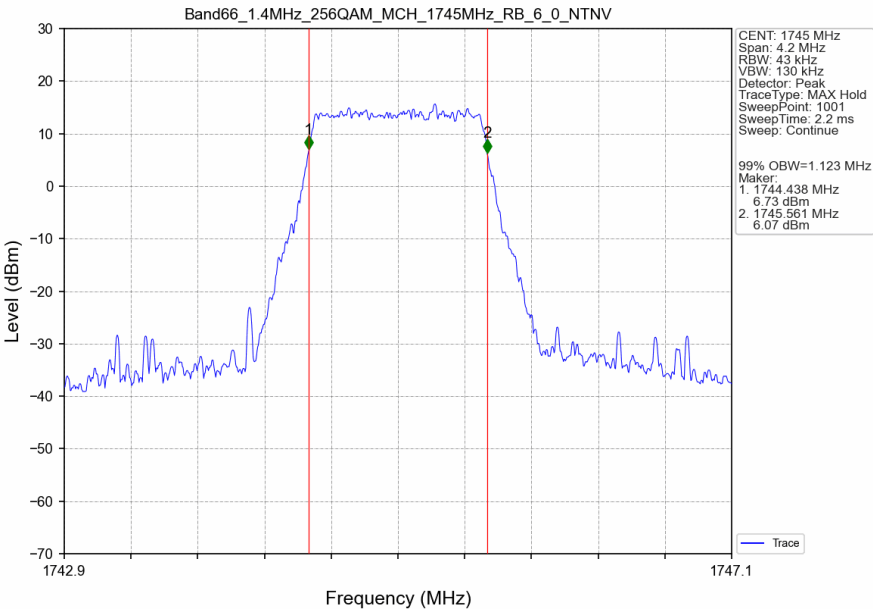
3.2.1 Band66_OBW



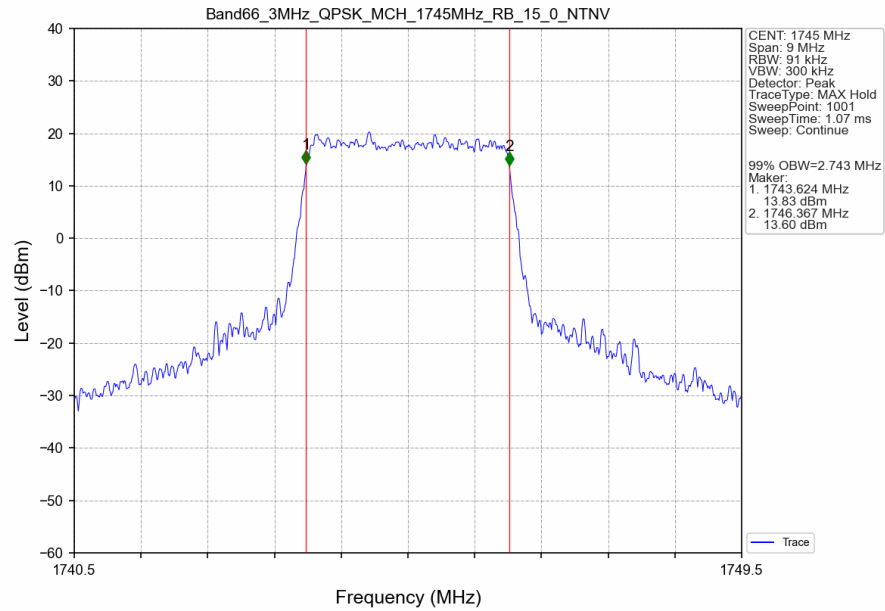
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTV



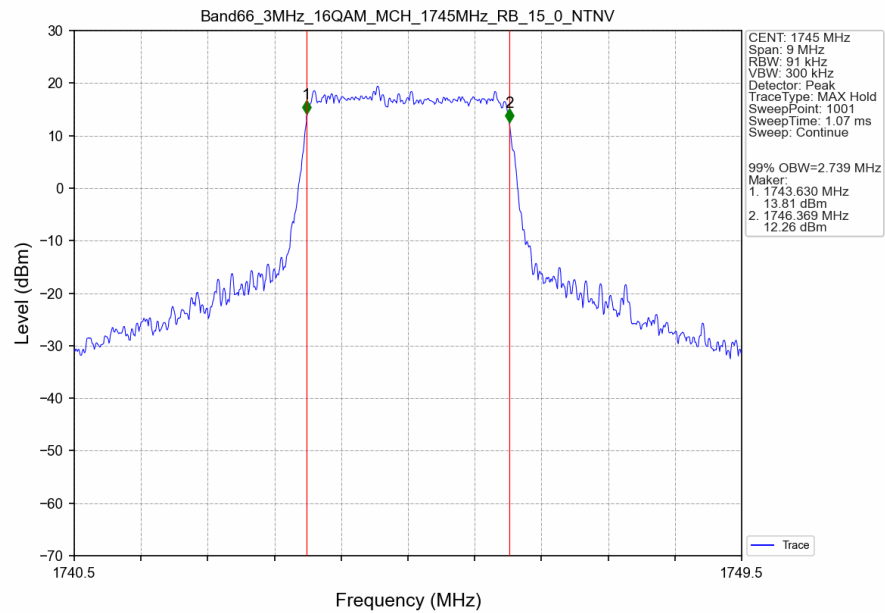
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTV



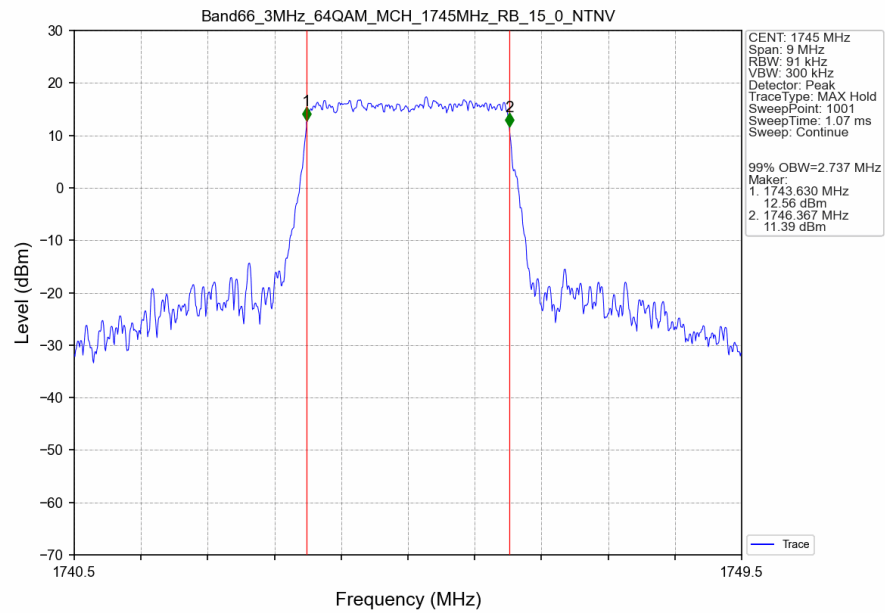
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



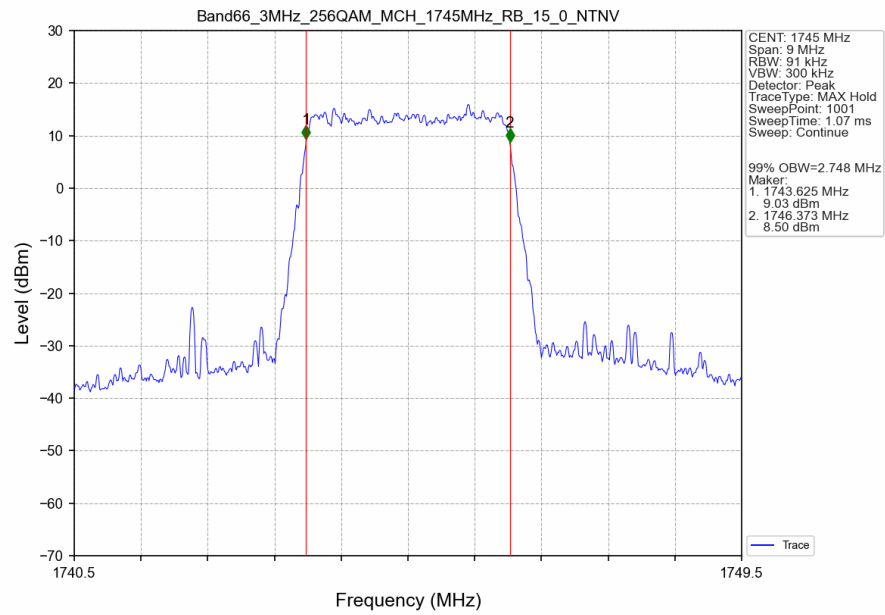
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



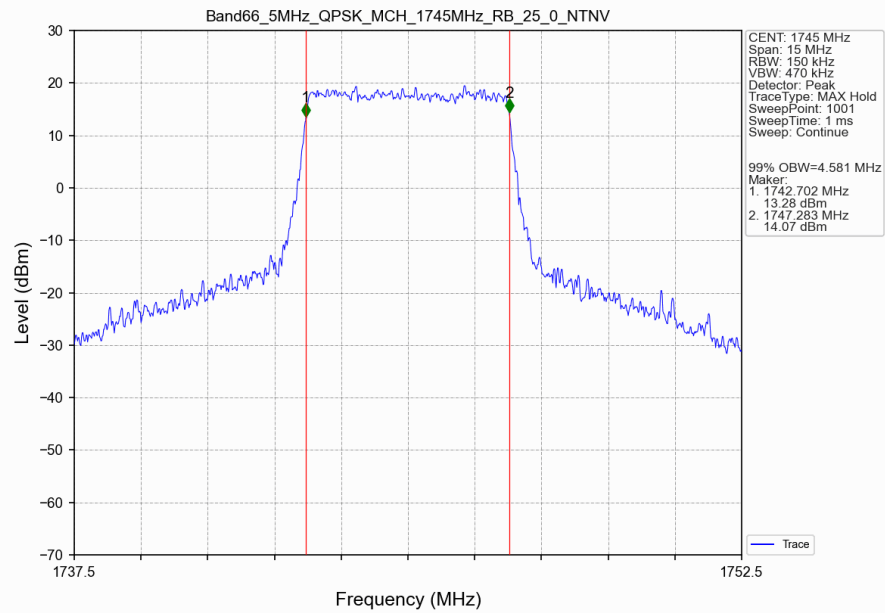
Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTN



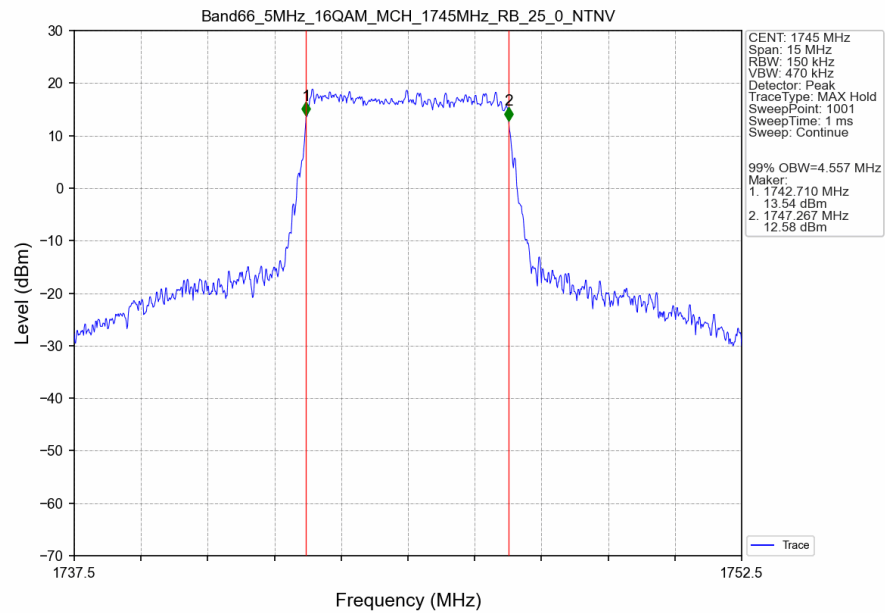
Band66 3MHz 256QAM MCH 1745MHz RB 15 0 NTN



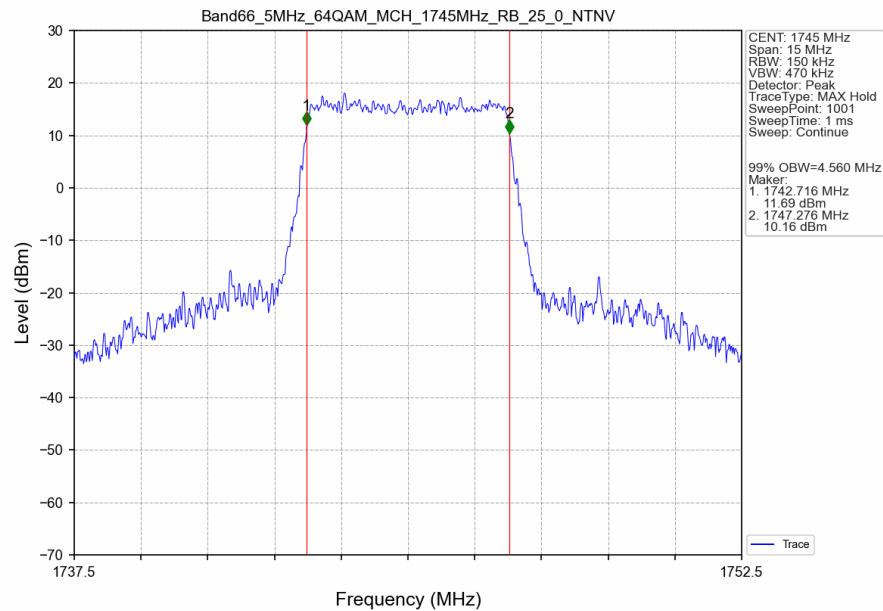
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



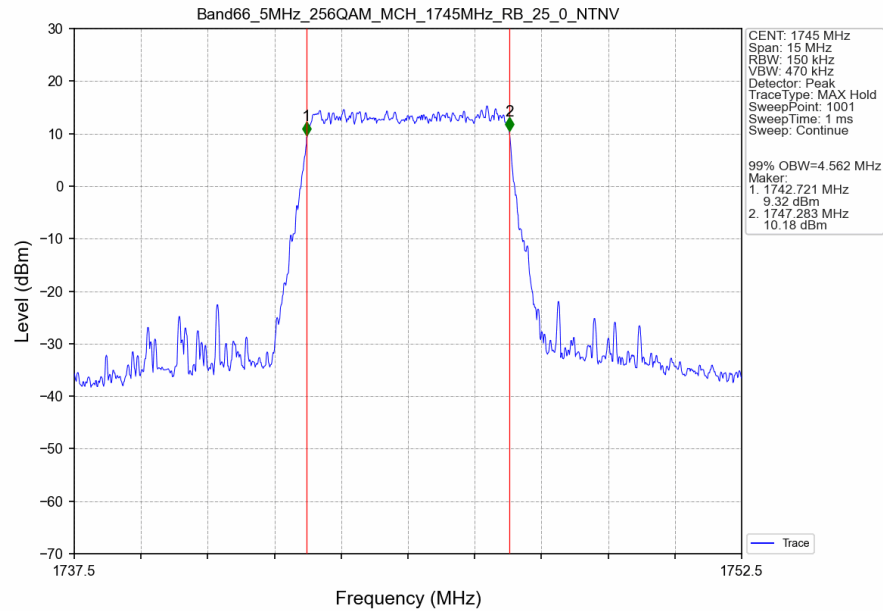
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



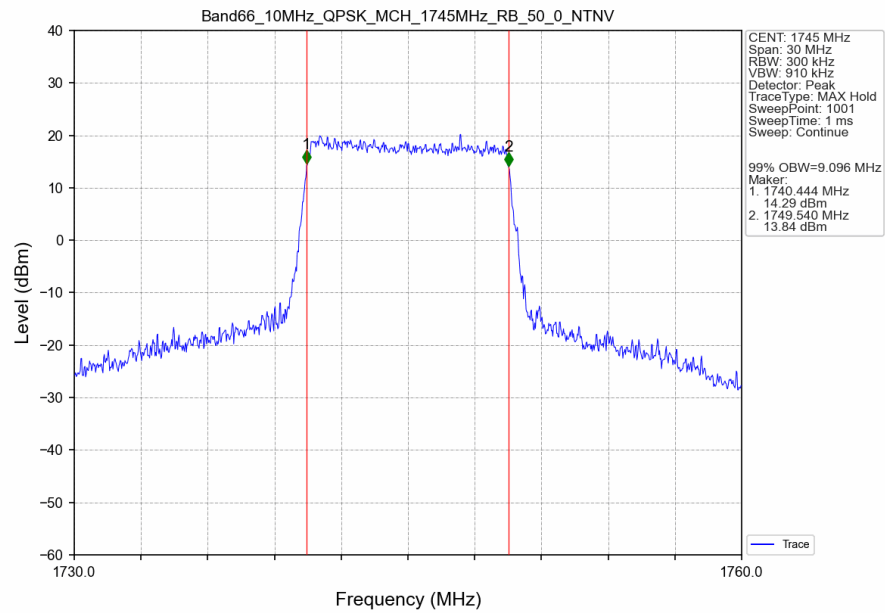
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



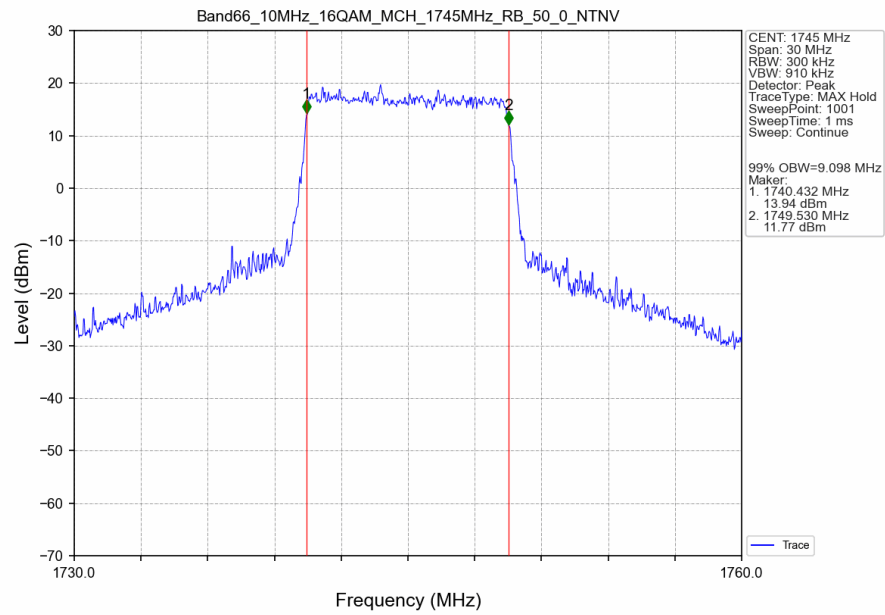
Band66 5MHz 256QAM MCH 1745MHz RB 25 0 NTNV



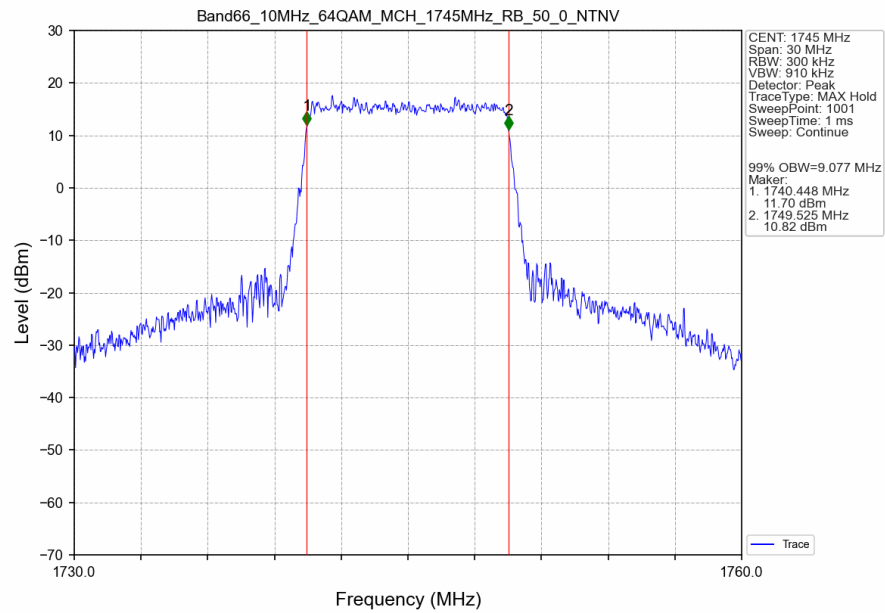
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



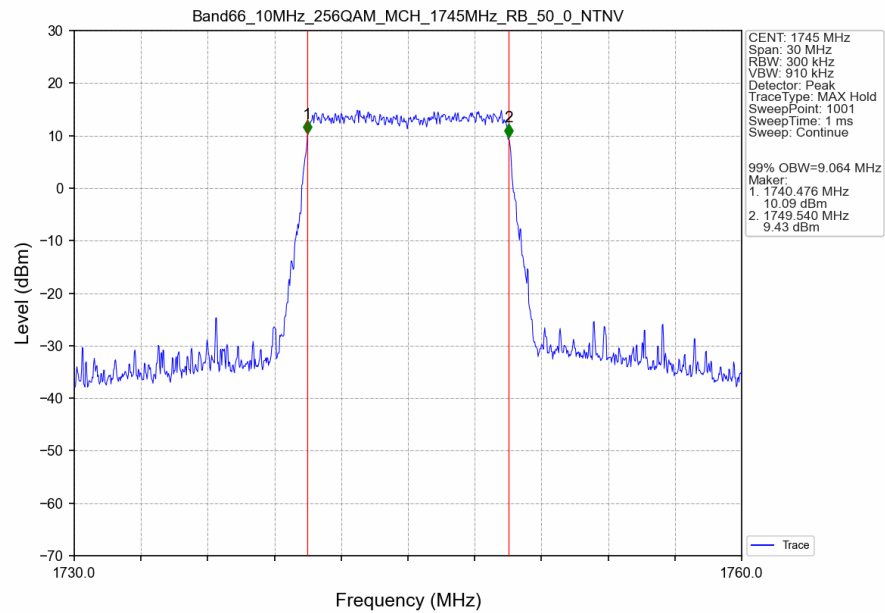
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV



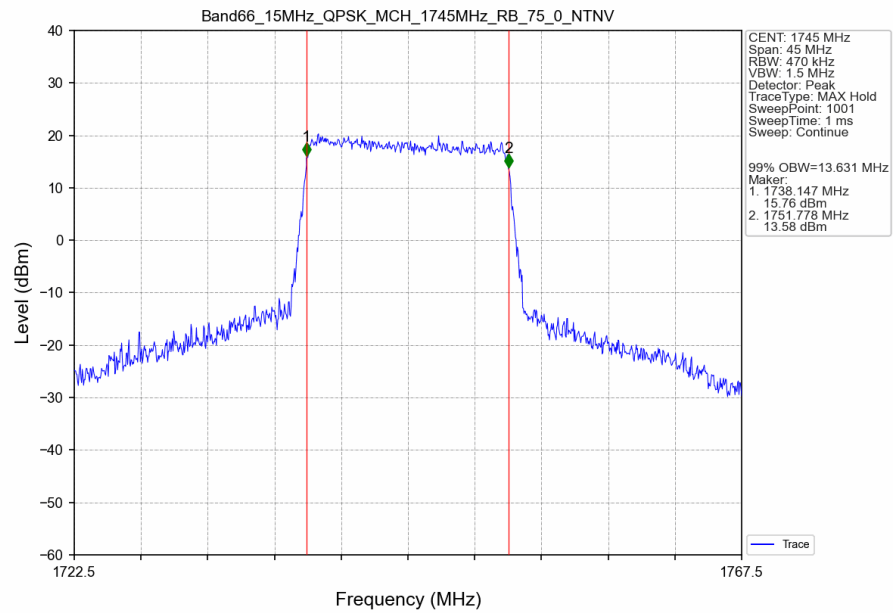
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTN



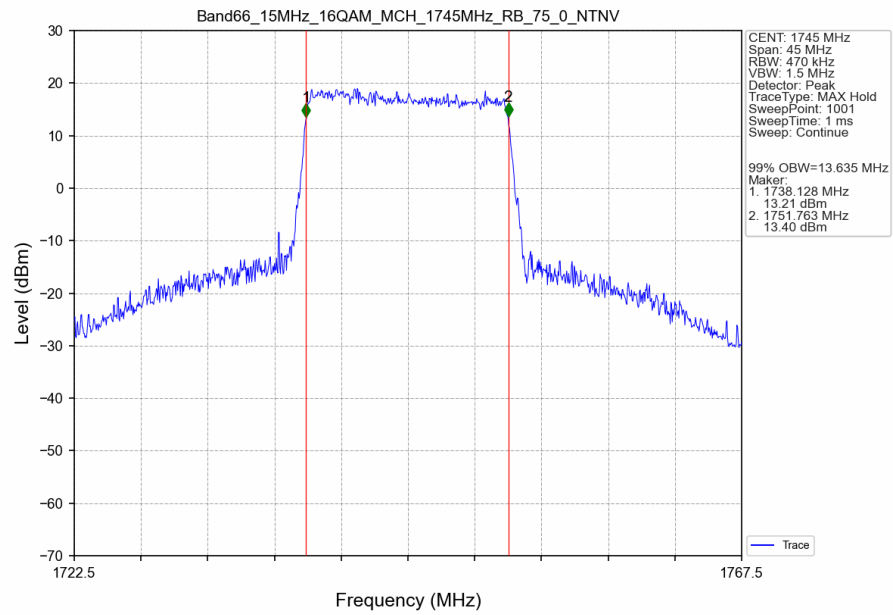
Band66 10MHz 256QAM MCH 1745MHz RB 50 0 NTN



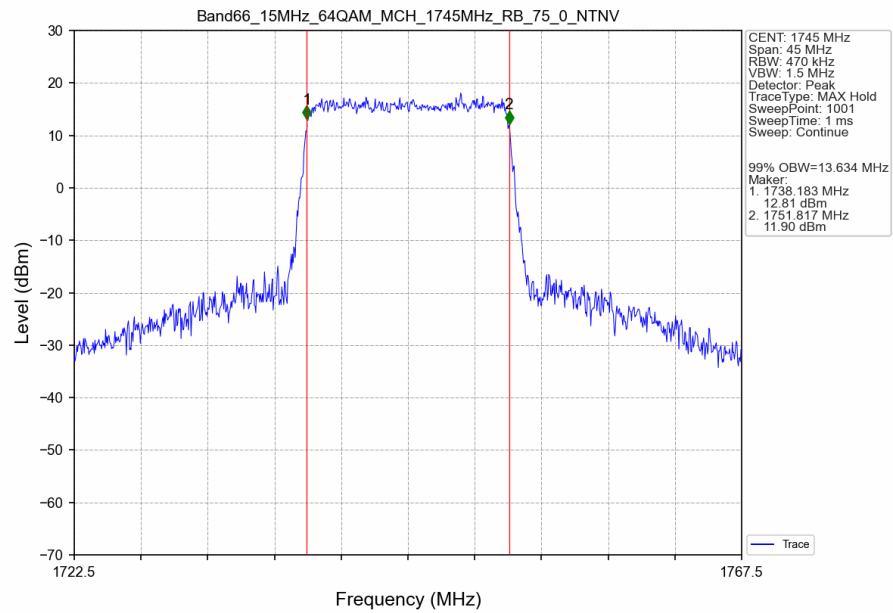
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTV



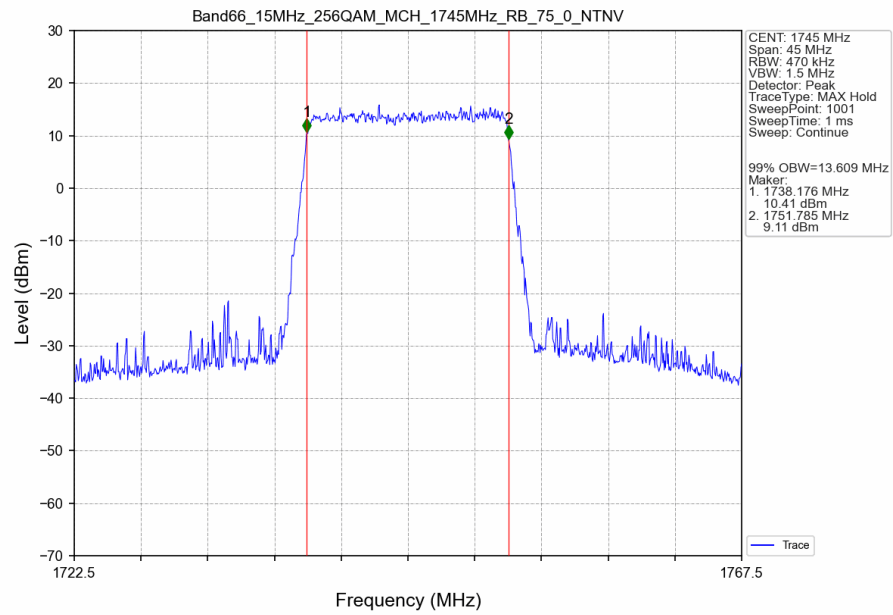
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTV



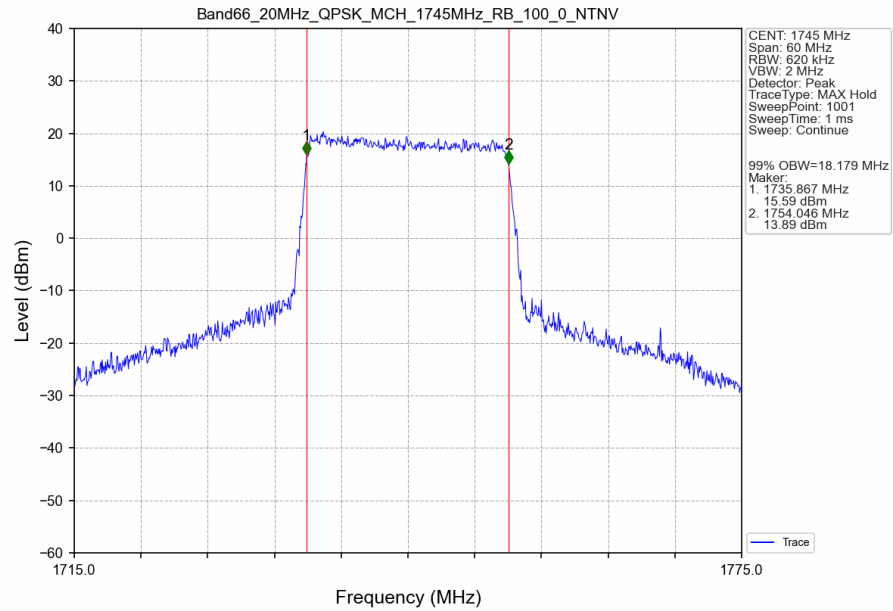
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



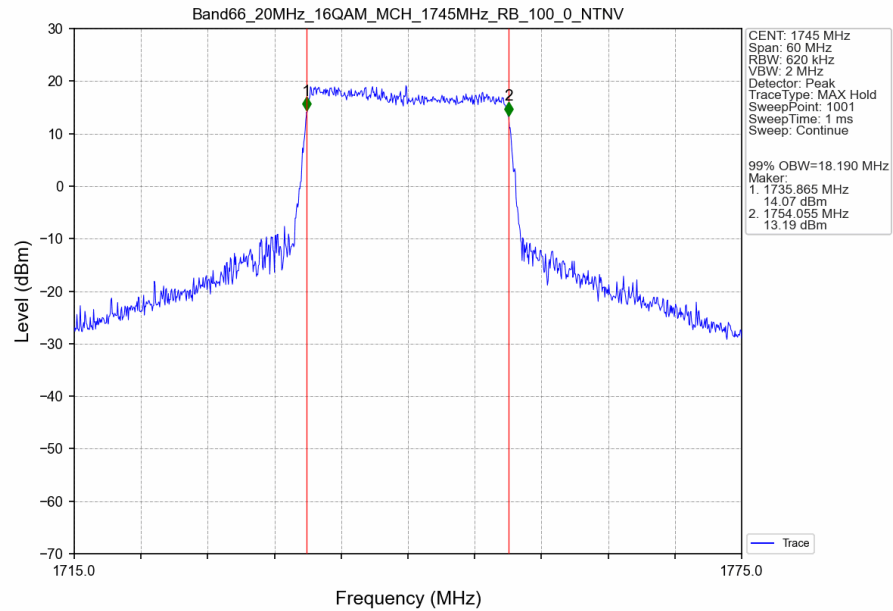
Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTNV



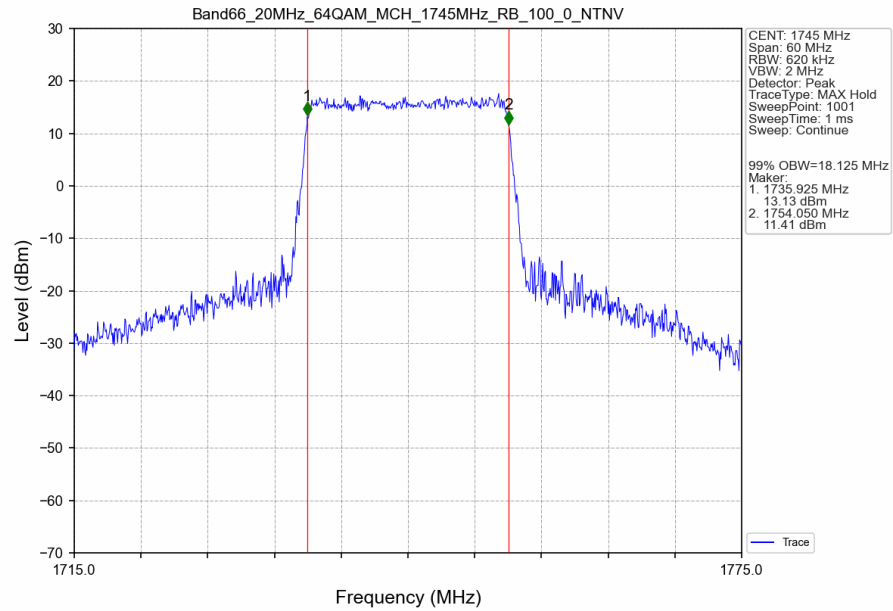
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



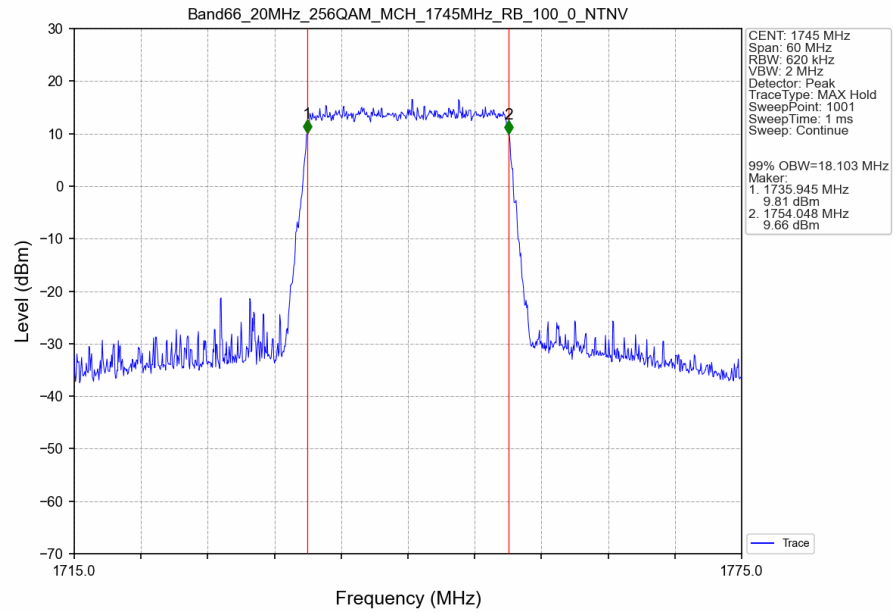
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



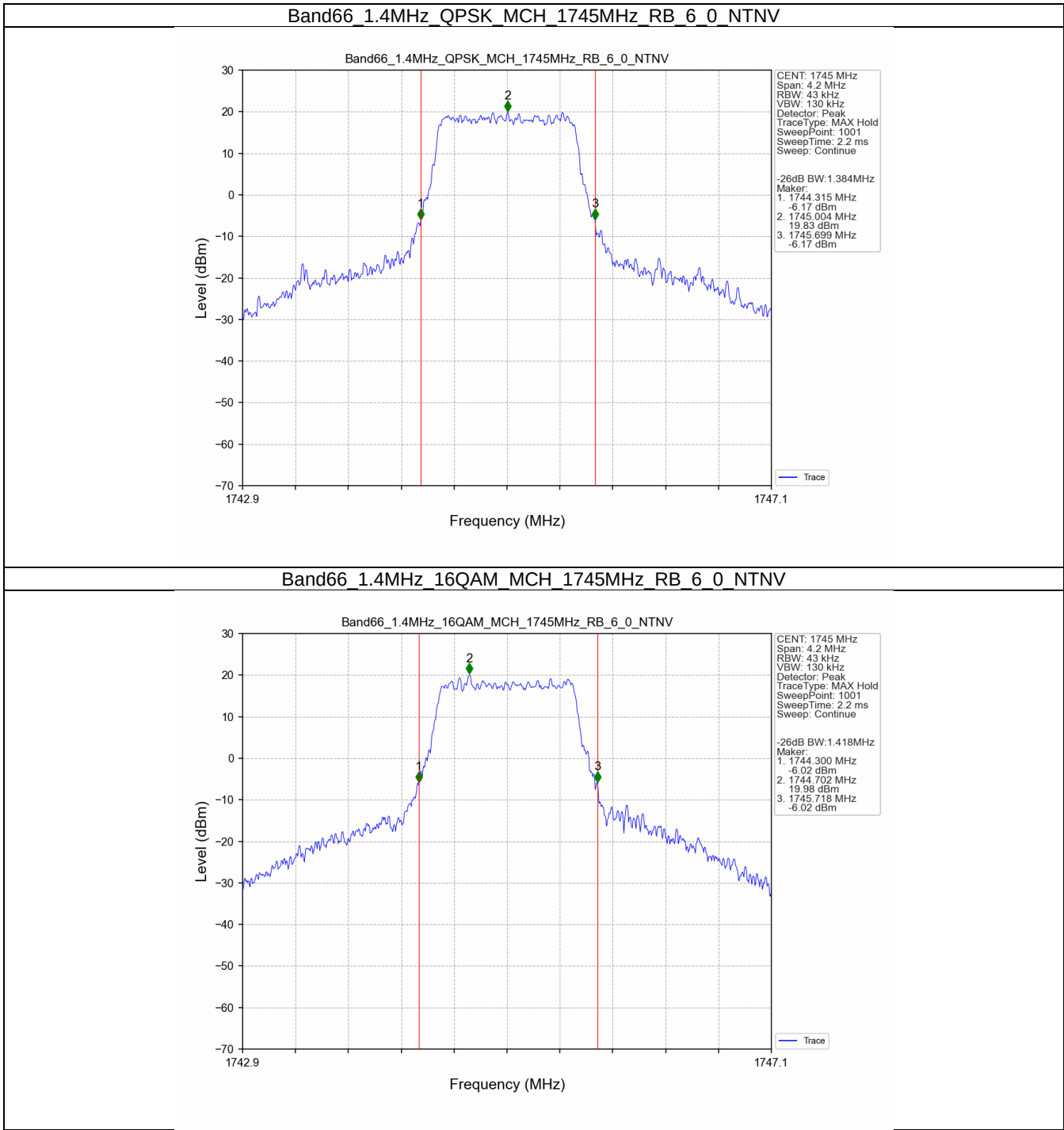
Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTV



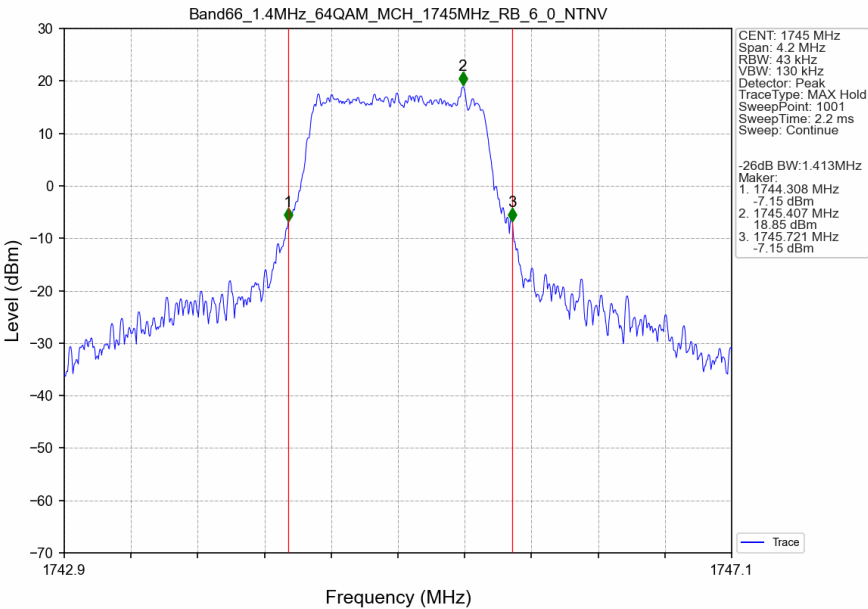
Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTV



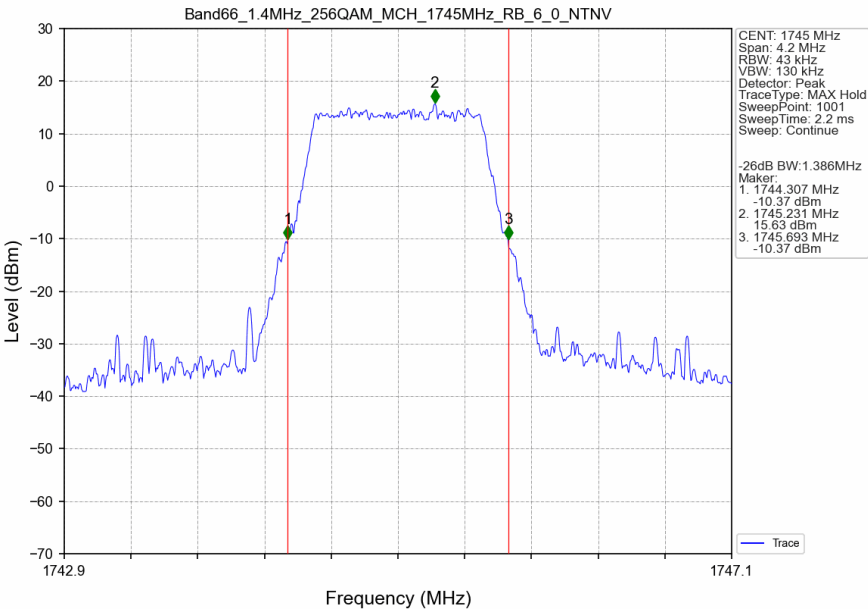
3.2.2 Band66_XDB



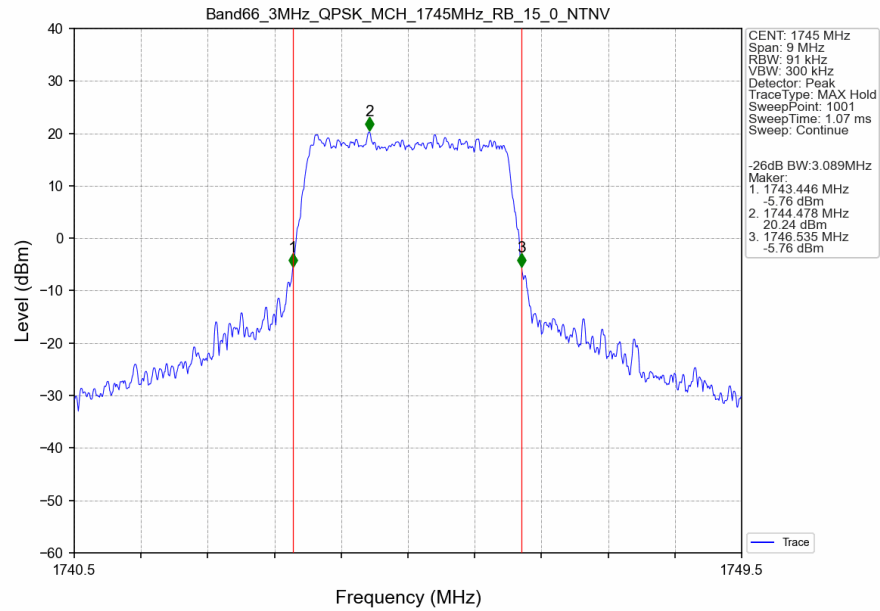
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTN



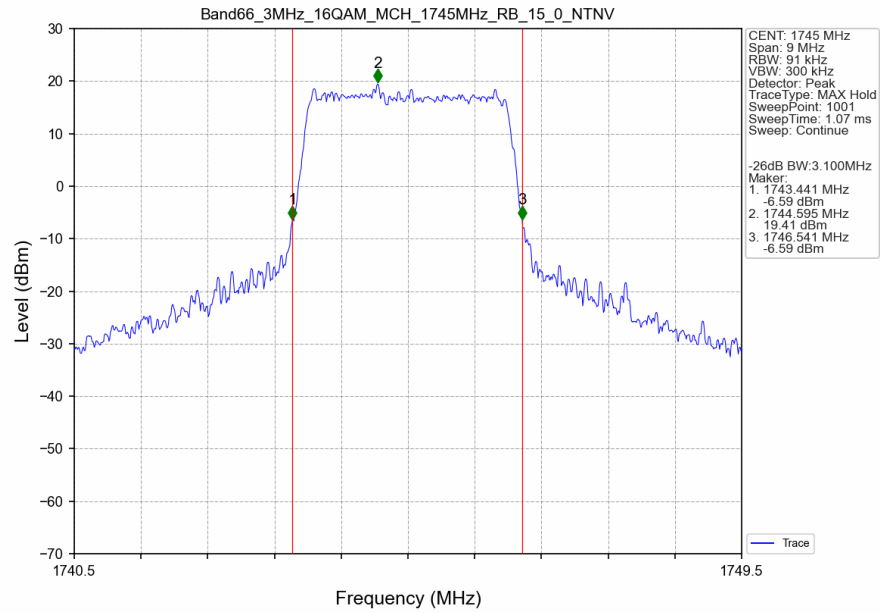
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTN



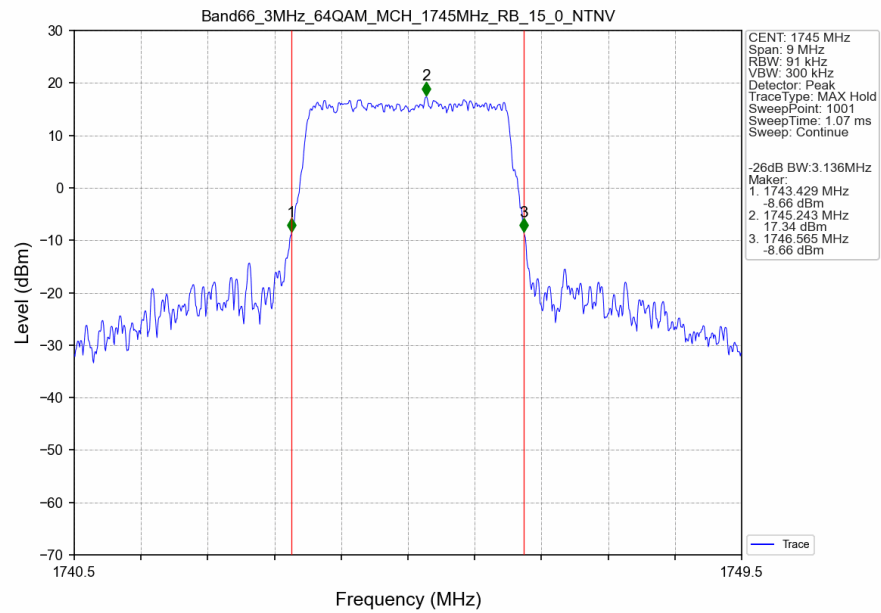
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



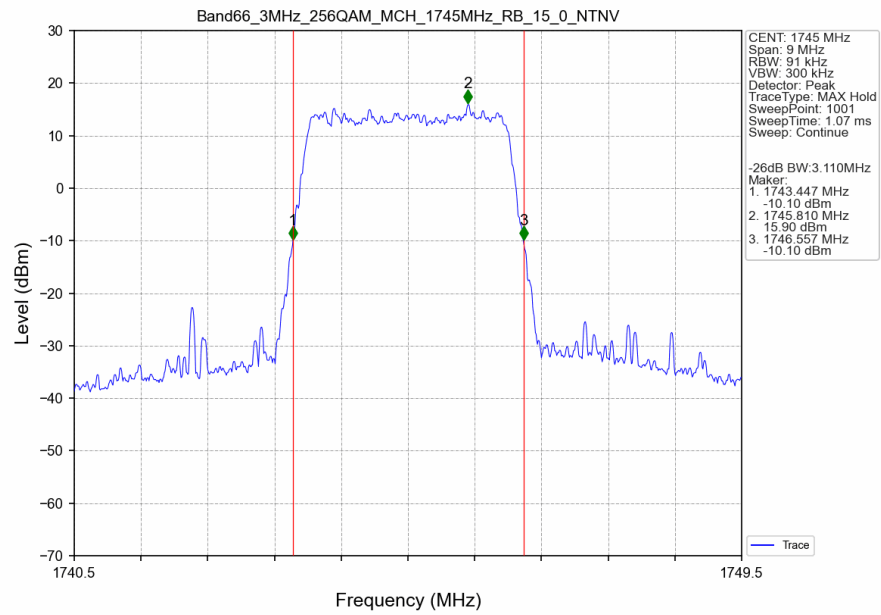
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



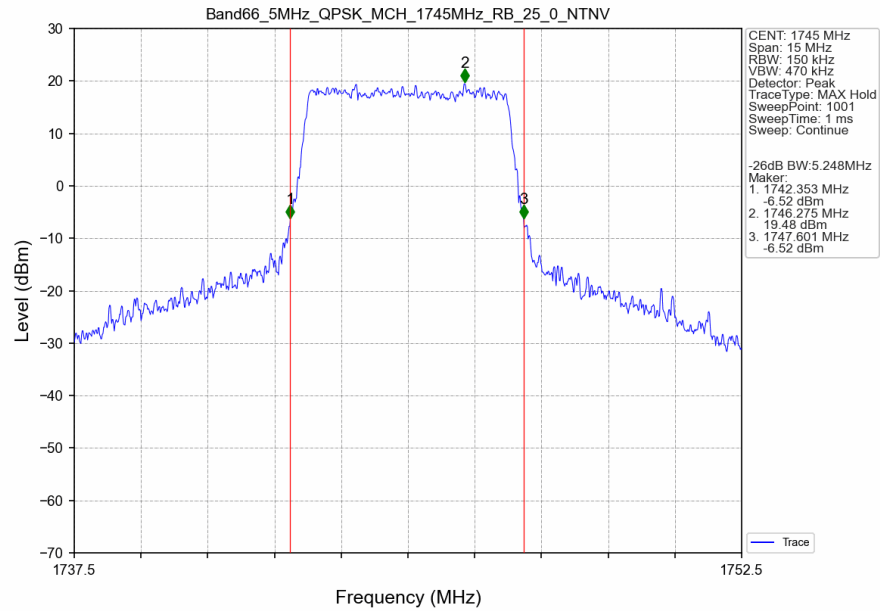
Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTN



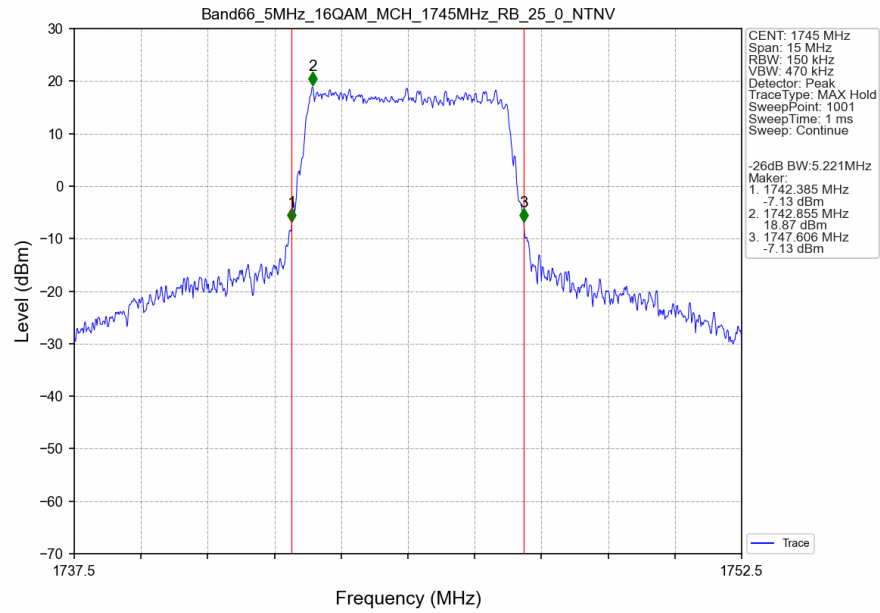
Band66 3MHz 256QAM MCH 1745MHz RB 15 0 NTN



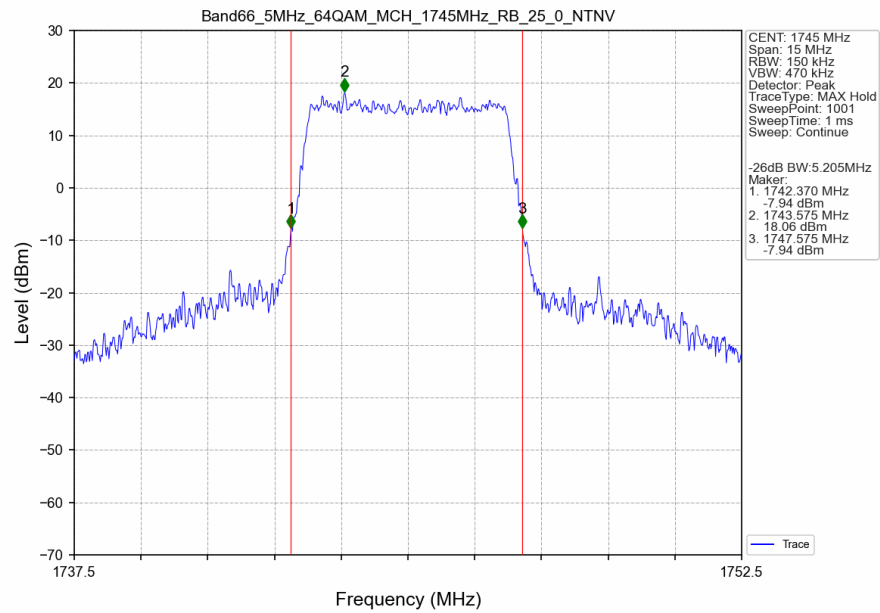
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTN



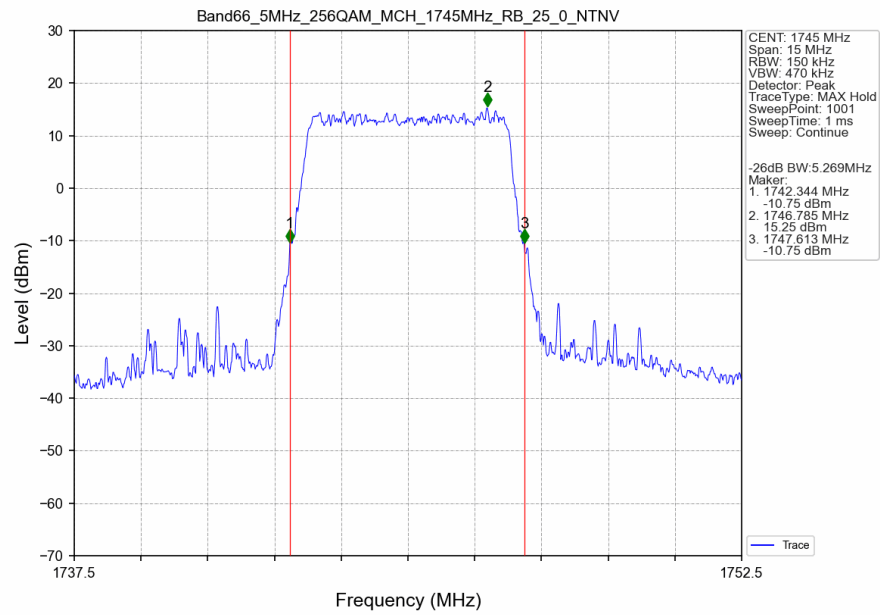
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTN



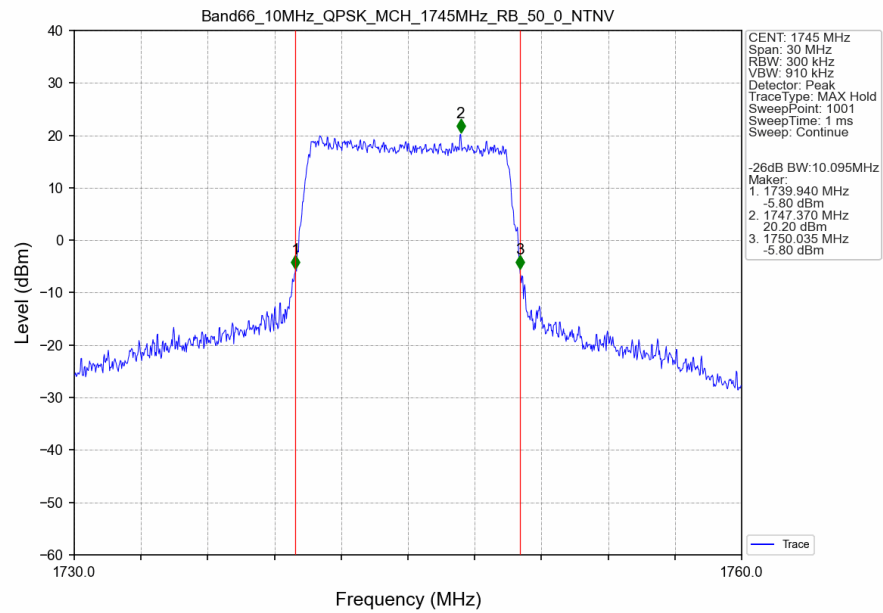
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTN



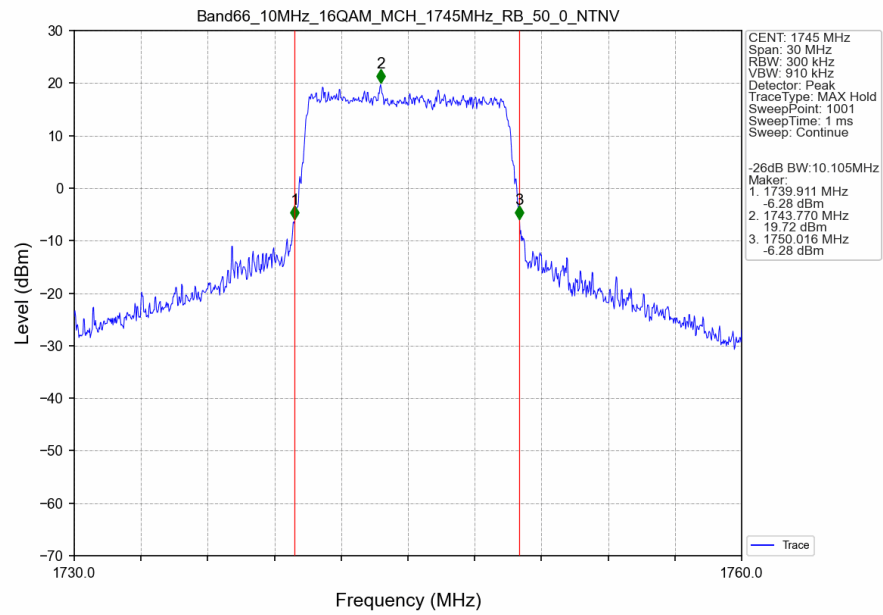
Band66 5MHz 256QAM MCH 1745MHz RB 25 0 NTN



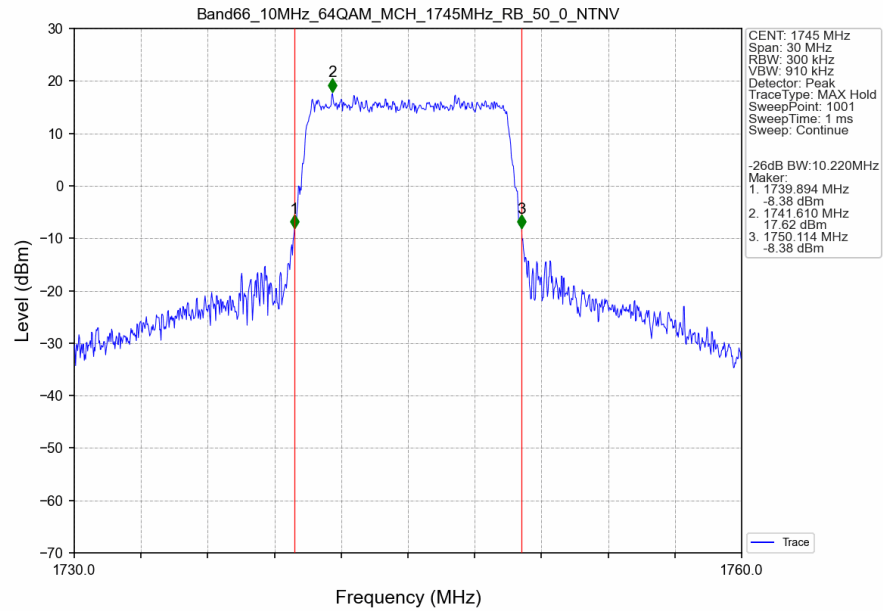
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



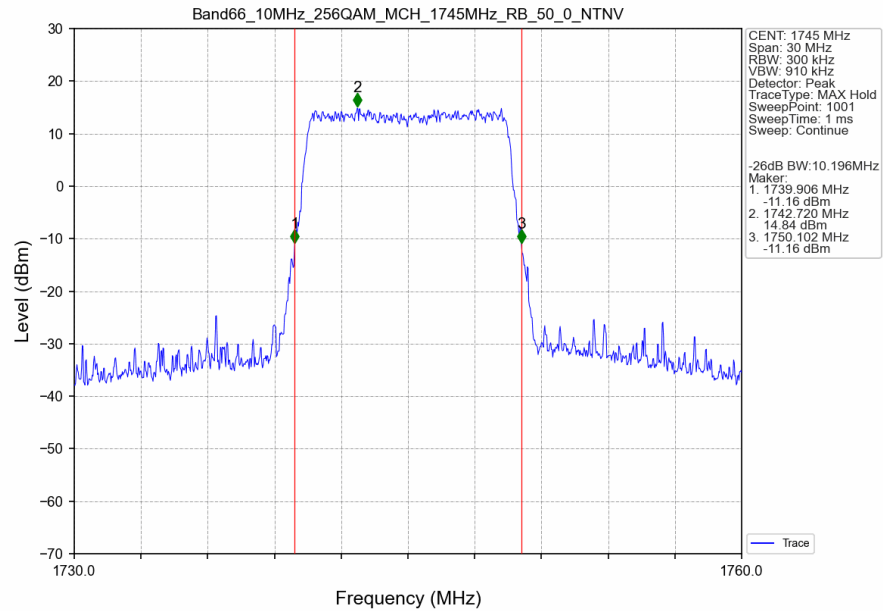
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



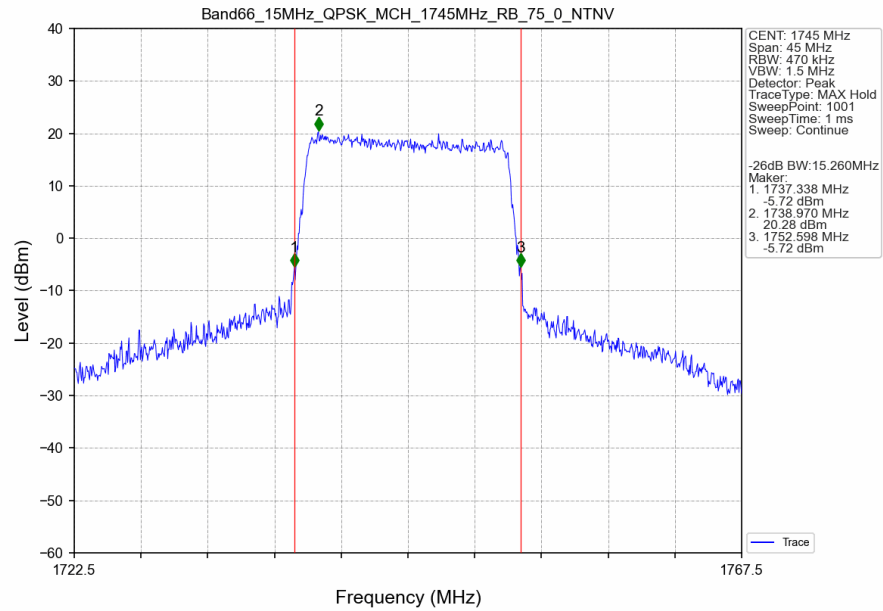
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTV



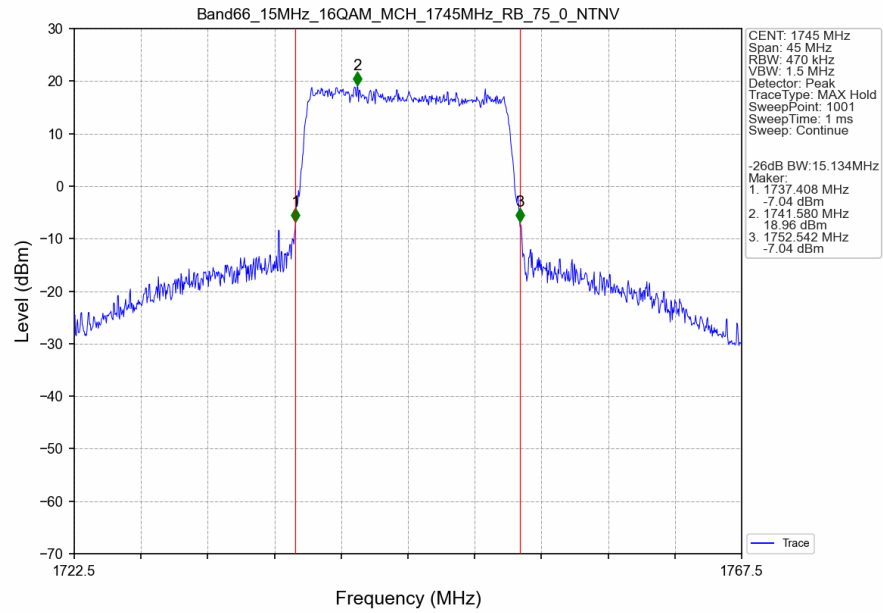
Band66 10MHz 256QAM MCH 1745MHz RB 50 0 NTV



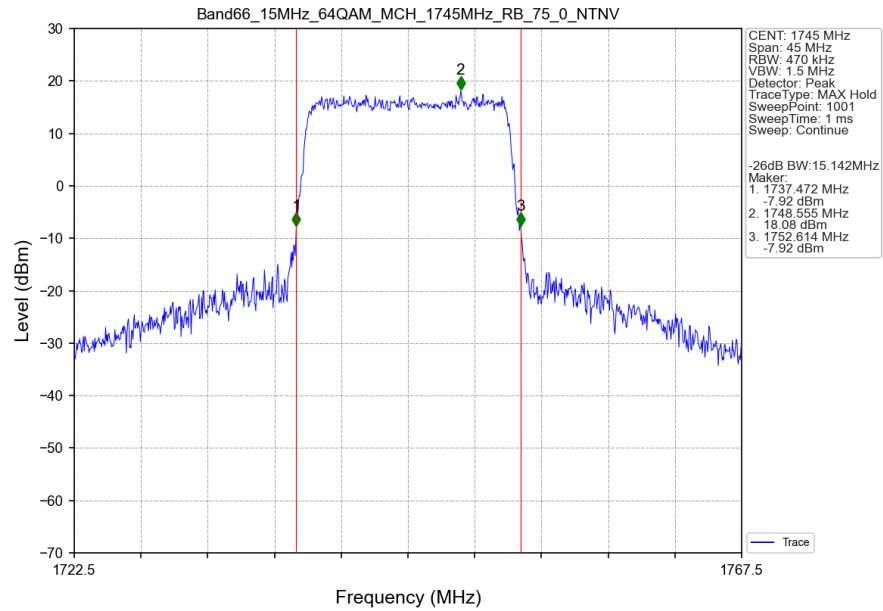
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



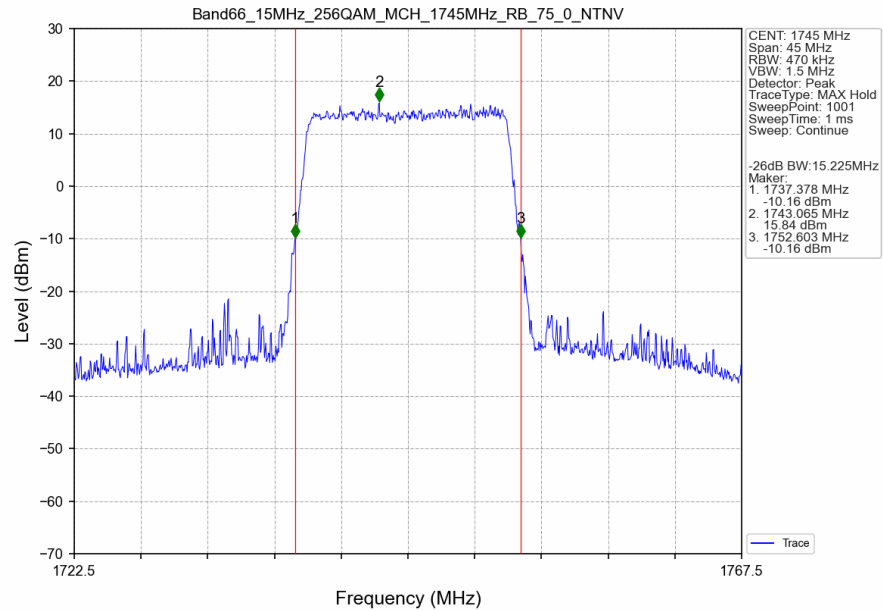
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



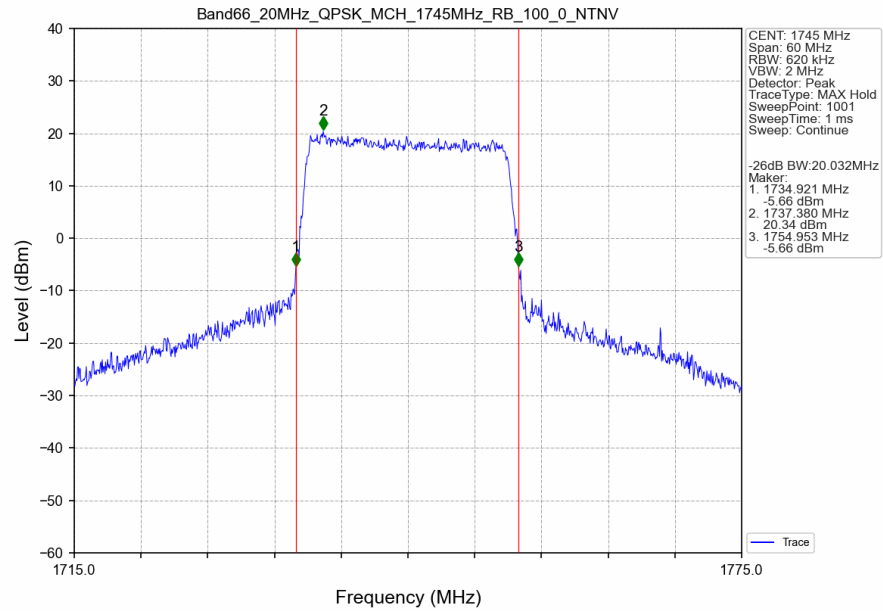
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



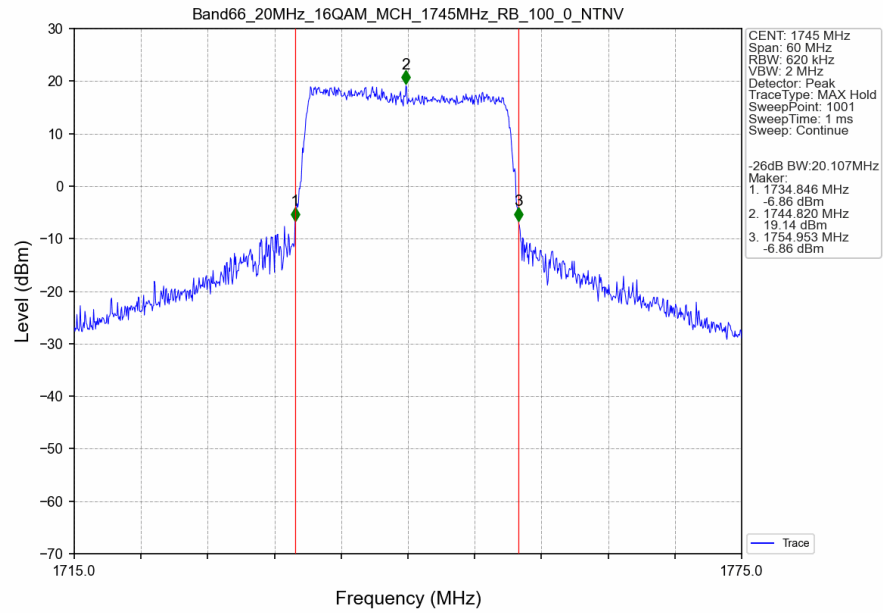
Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTNV



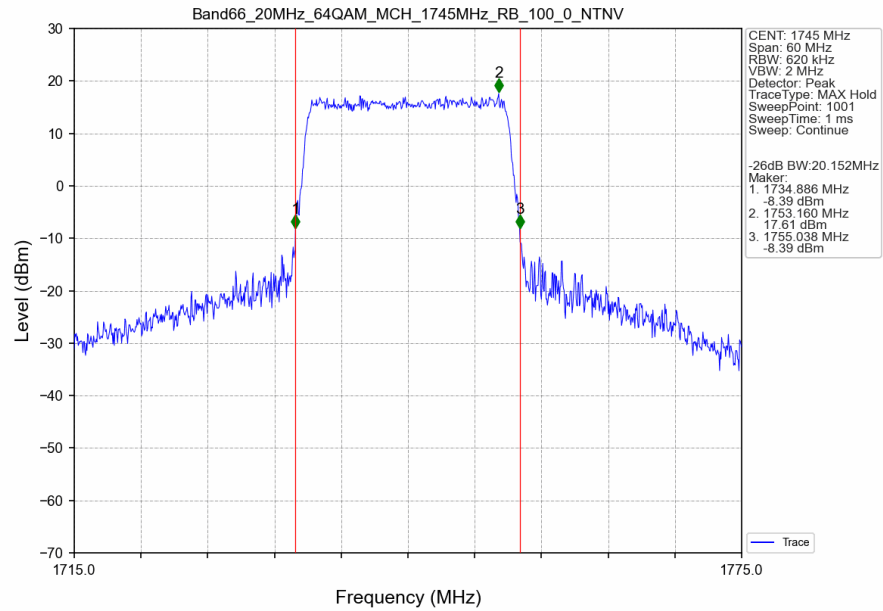
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



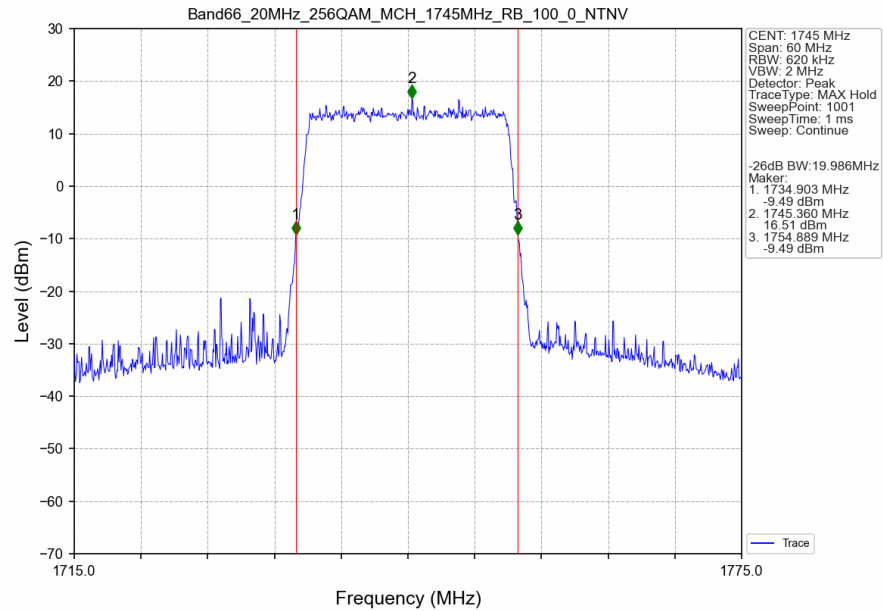
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTV



Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTV



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



4. Peak-Average Ratio

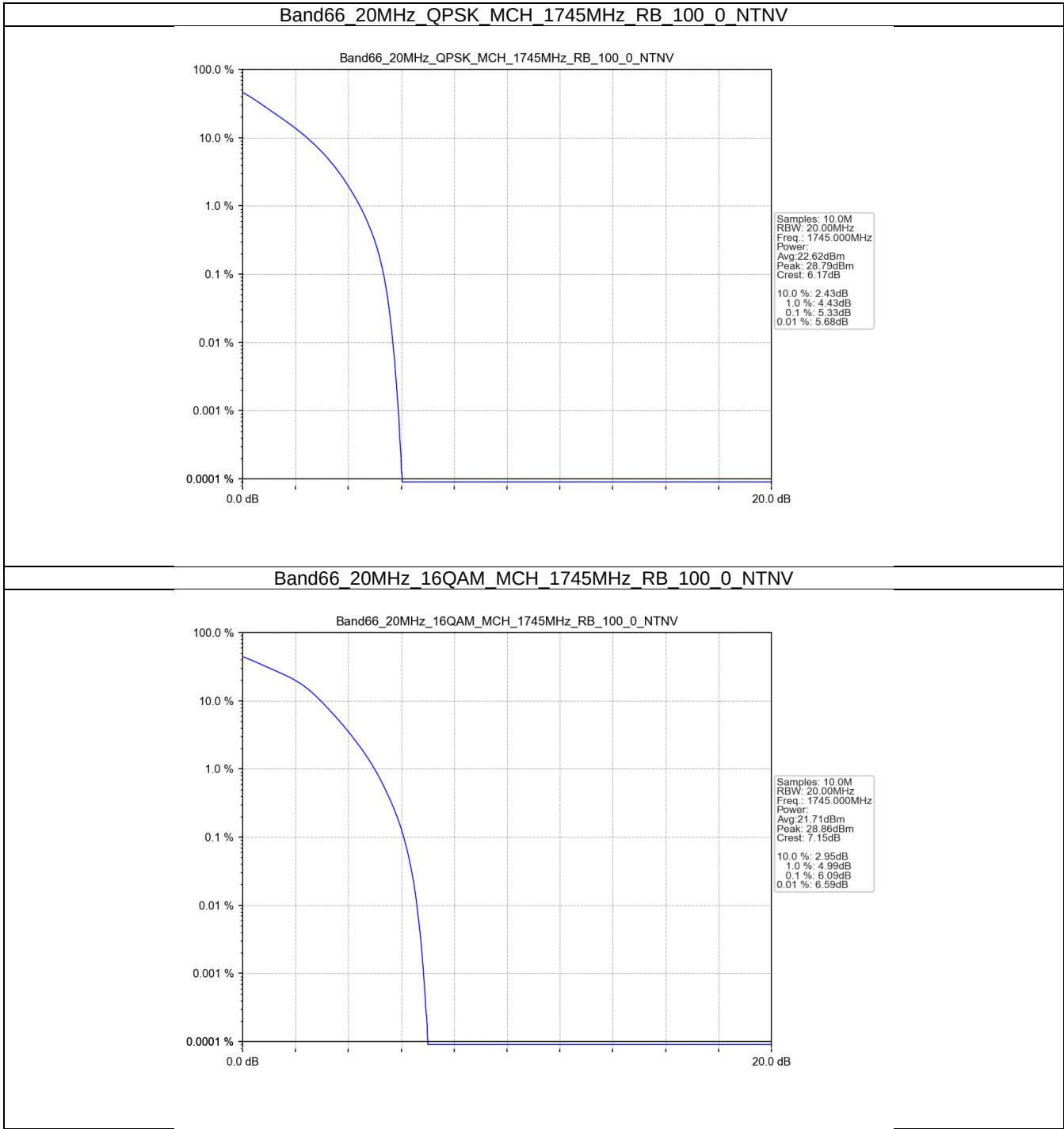
4.1 Test Result

4.1.1 B66_20MHz

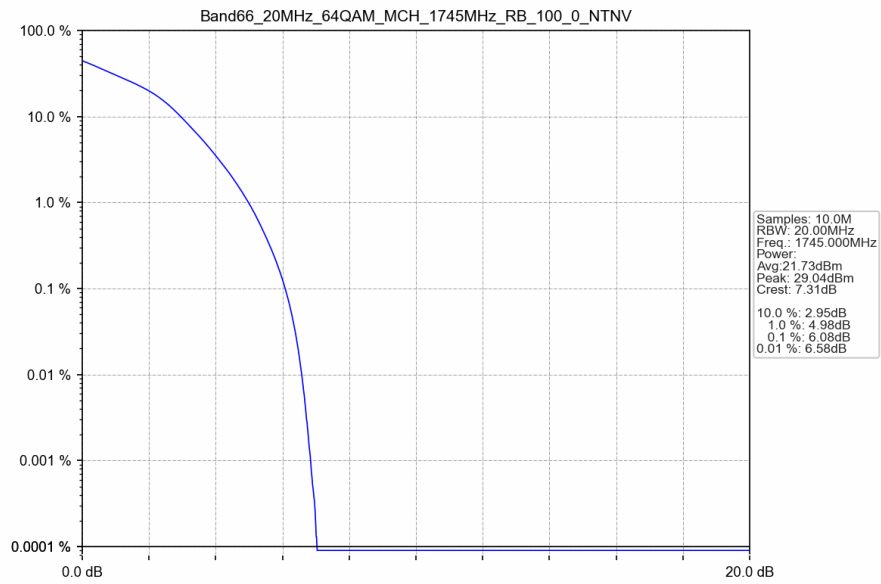
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.33	<=13	Pass
16QAM	1745	100	0	6.09	<=13	Pass
64QAM	1745	100	0	6.08	<=13	Pass
256QAM	1745	100	0	6.72	<=13	Pass

4.2 Test Graph

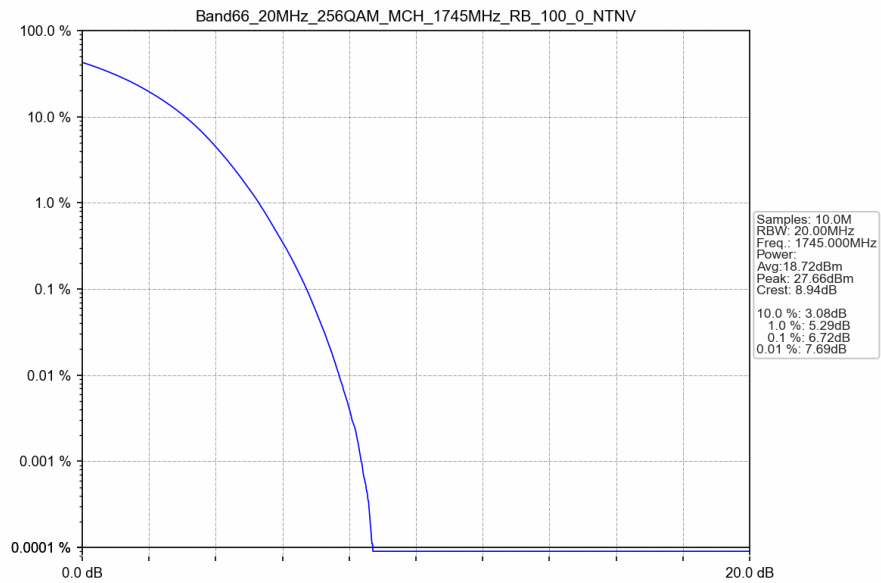
4.2.1 B66_20MHz



Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTN



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



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 / NTVN						
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

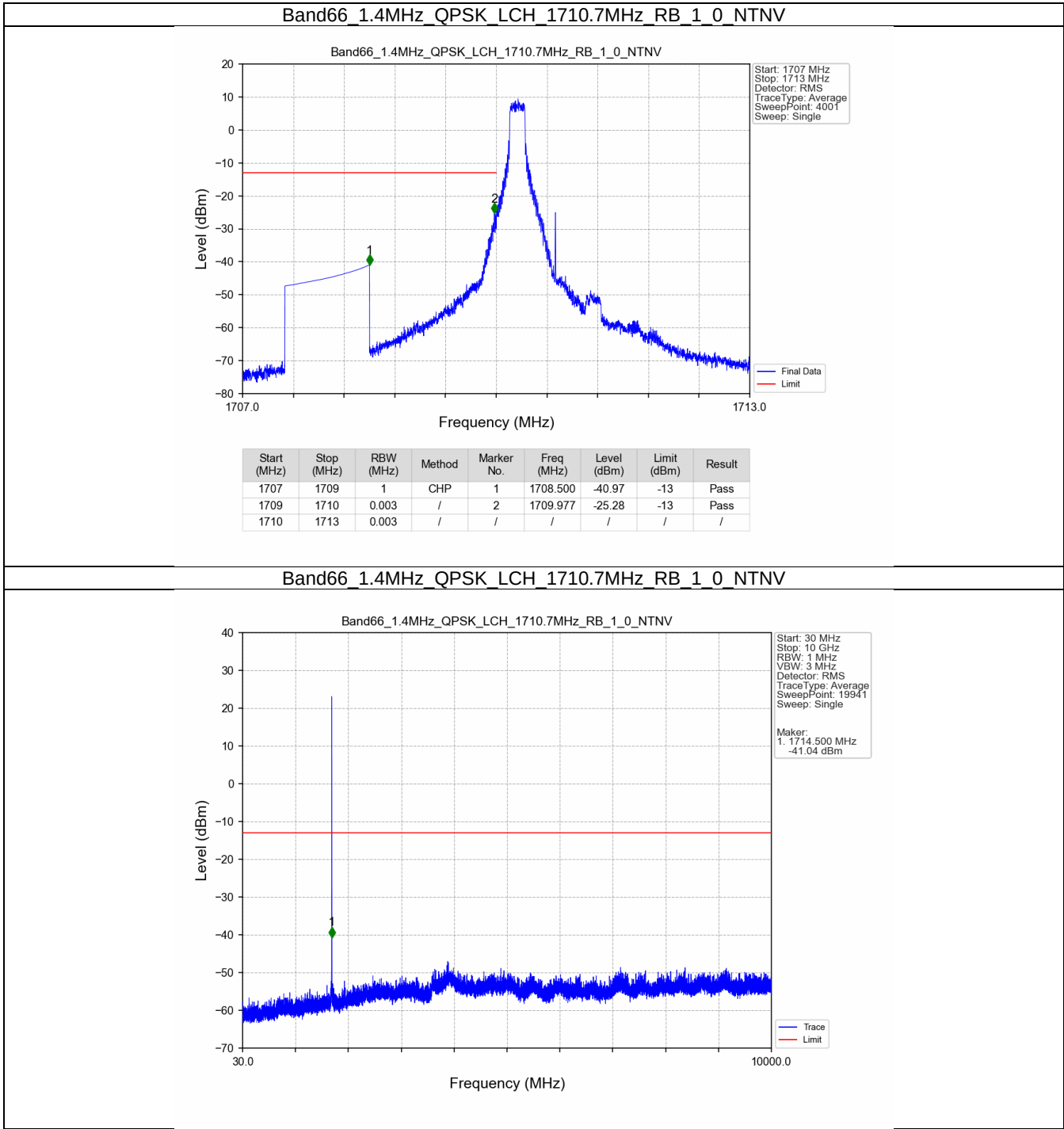
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

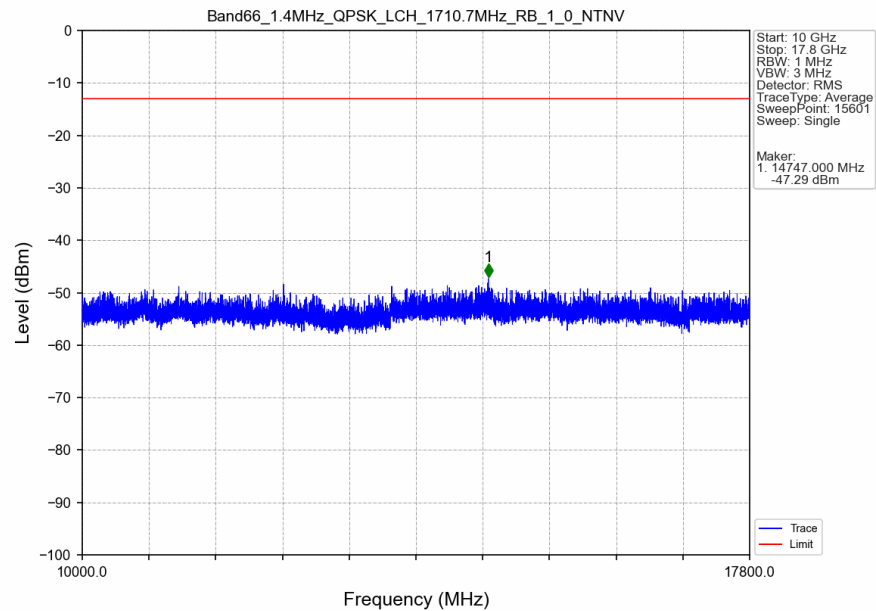
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

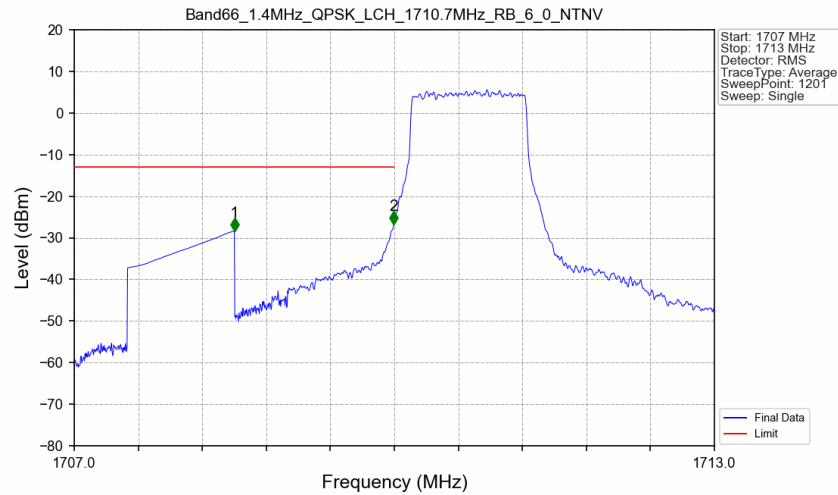
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

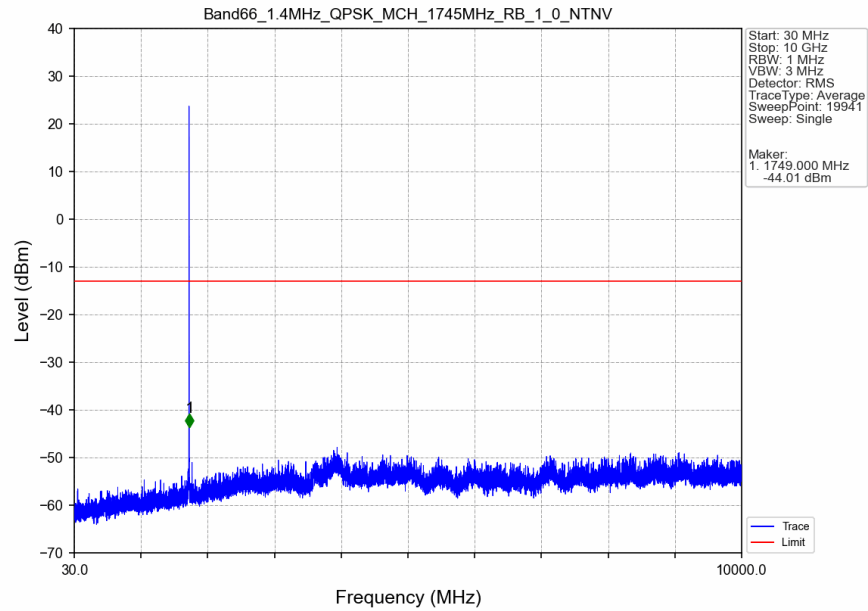


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

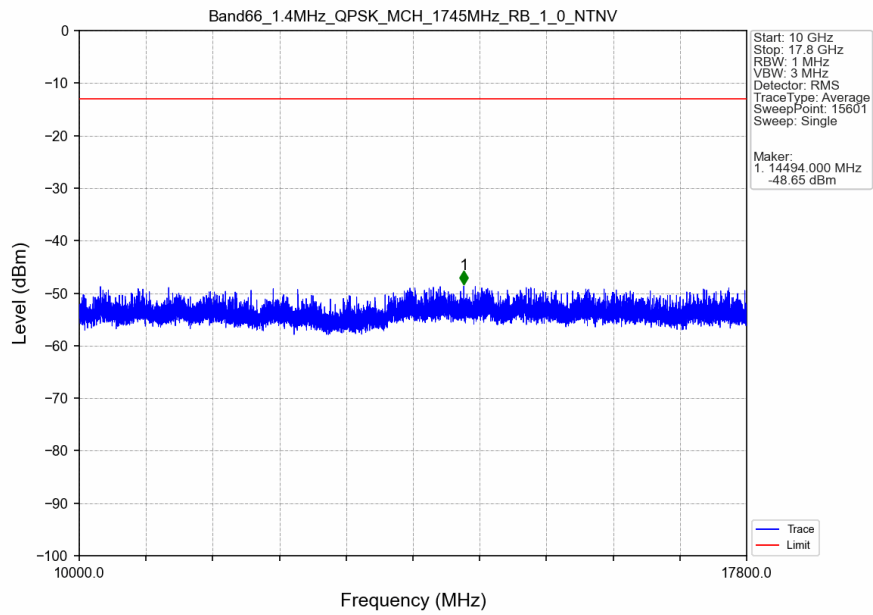


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-28.35	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-26.68	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/

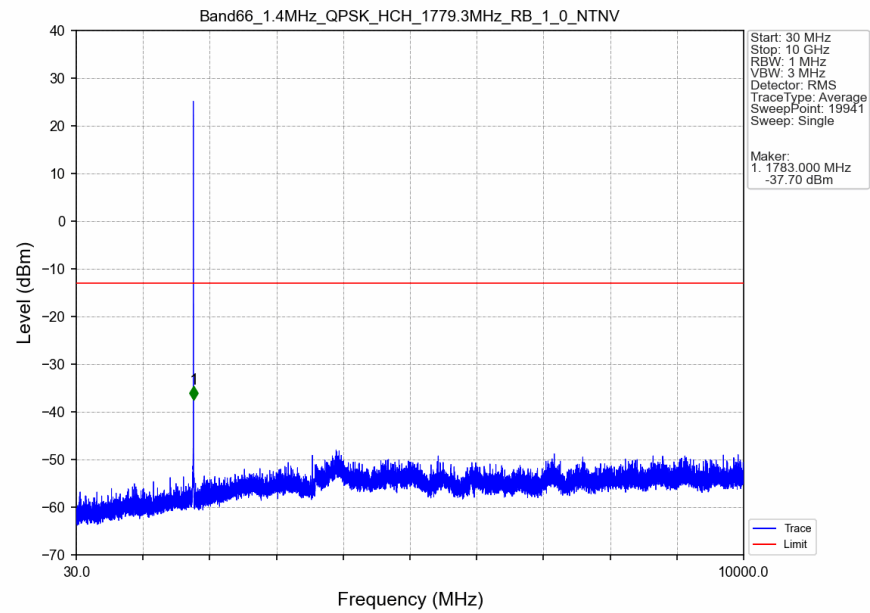
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



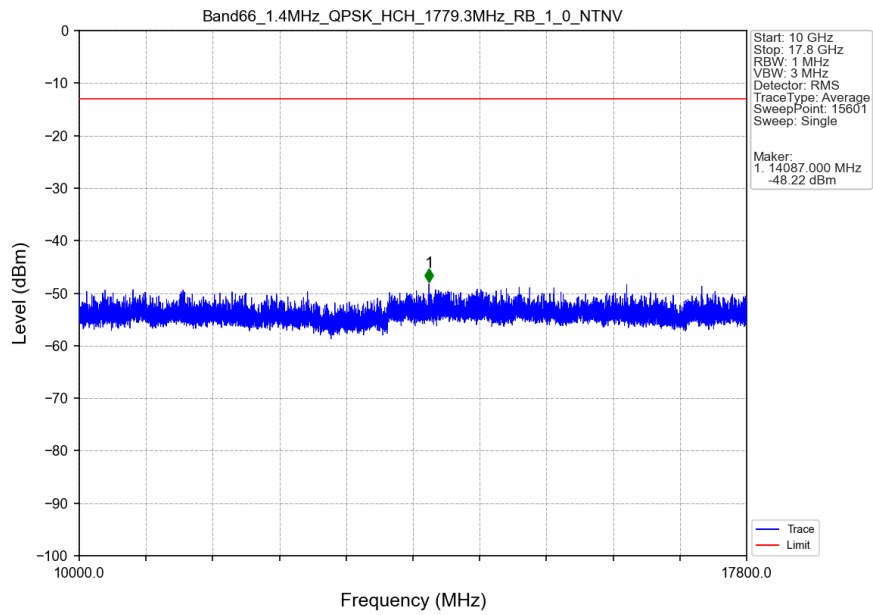
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



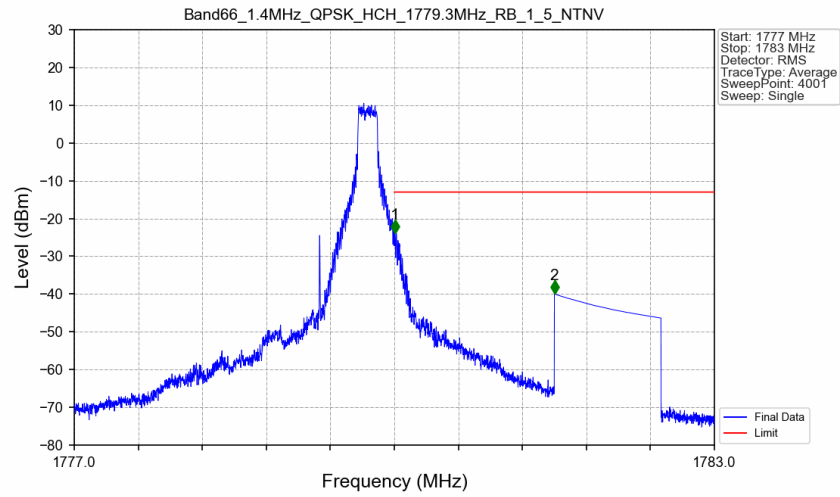
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

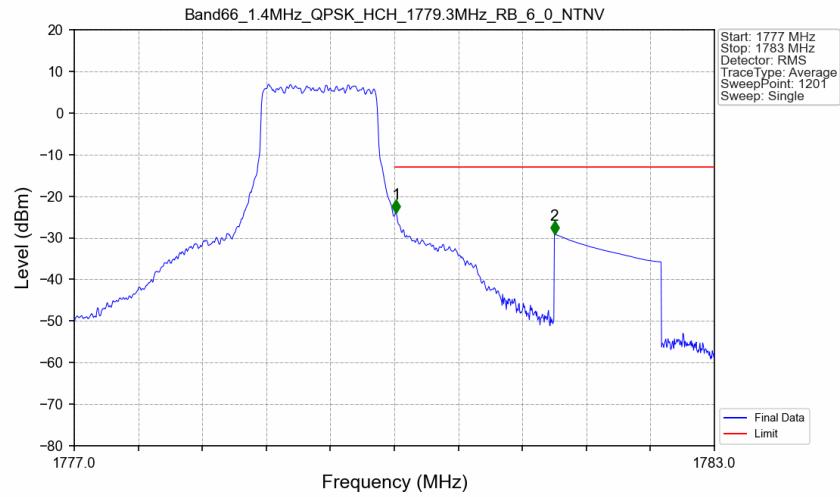


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



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	1780.005	-23.90	-13	Pass
1781	1783	1	CHP	2	1781.500	-39.96	-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	0.014	CHP	/	/	/	/	/
1780	1781	0.014	CHP	1	1780.015	-24.04	-13	Pass
1781	1783	1	CHP	2	1781.500	-29.13	-13	Pass

5.2.2 B66_3MHz

