

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	23.51	0.30	23.81	<=30	Pass
			2	23.56	0.30	23.86	<=30	Pass
			5	23.50	0.30	23.80	<=30	Pass
		3	0	23.63	0.30	23.93	<=30	Pass
			2	23.65	0.30	23.95	<=30	Pass
			3	23.63	0.30	23.93	<=30	Pass
		6	0	22.70	0.30	23.00	<=30	Pass
	1745	1	0	23.56	0.30	23.86	<=30	Pass
			2	23.62	0.30	23.92	<=30	Pass
			5	23.54	0.30	23.84	<=30	Pass
		3	0	23.63	0.30	23.93	<=30	Pass
			2	23.64	0.30	23.94	<=30	Pass
			3	23.64	0.30	23.94	<=30	Pass
		6	0	22.71	0.30	23.01	<=30	Pass
	1779.3	1	0	23.46	0.30	23.76	<=30	Pass
			2	23.50	0.30	23.80	<=30	Pass
			5	23.46	0.30	23.76	<=30	Pass
		3	0	23.57	0.30	23.87	<=30	Pass
			2	23.60	0.30	23.90	<=30	Pass
			3	23.56	0.30	23.86	<=30	Pass
		6	0	22.68	0.30	22.98	<=30	Pass
16QAM	1710.7	1	0	22.67	0.30	22.97	<=30	Pass
			2	22.69	0.30	22.99	<=30	Pass
			5	22.62	0.30	22.92	<=30	Pass
		3	0	22.56	0.30	22.86	<=30	Pass
			2	22.59	0.30	22.89	<=30	Pass
			3	22.58	0.30	22.88	<=30	Pass
		6	0	21.70	0.30	22.00	<=30	Pass
	1745	1	0	22.56	0.30	22.86	<=30	Pass
			2	22.59	0.30	22.89	<=30	Pass
			5	22.55	0.30	22.85	<=30	Pass
		3	0	22.69	0.30	22.99	<=30	Pass
			2	22.70	0.30	23.00	<=30	Pass
			3	22.67	0.30	22.97	<=30	Pass
		6	0	21.64	0.30	21.94	<=30	Pass
	1779.3	1	0	22.38	0.30	22.68	<=30	Pass
			2	22.45	0.30	22.75	<=30	Pass
			5	22.40	0.30	22.70	<=30	Pass
		3	0	22.69	0.30	22.99	<=30	Pass
			2	22.75	0.30	23.05	<=30	Pass
			3	22.73	0.30	23.03	<=30	Pass
		6	0	21.65	0.30	21.95	<=30	Pass
64QAM	1710.7	1	0	21.80	0.30	22.10	<=30	Pass
			2	21.86	0.30	22.16	<=30	Pass
			5	21.75	0.30	22.05	<=30	Pass
		3	0	21.83	0.30	22.13	<=30	Pass
			2	21.86	0.30	22.16	<=30	Pass
			3	21.84	0.30	22.14	<=30	Pass
		6	0	21.05	0.30	21.35	<=30	Pass

	1745	1	0	21.78	0.30	22.08	<=30	Pass
			2	21.84	0.30	22.14	<=30	Pass
			5	21.81	0.30	22.11	<=30	Pass
		3	0	21.69	0.30	21.99	<=30	Pass
			2	21.69	0.30	21.99	<=30	Pass
			3	21.71	0.30	22.01	<=30	Pass
	1779.3	6	0	20.86	0.30	21.16	<=30	Pass
			0	21.93	0.30	22.23	<=30	Pass
			2	22.02	0.30	22.32	<=30	Pass
		1	5	21.91	0.30	22.21	<=30	Pass
			0	21.88	0.30	22.18	<=30	Pass
			2	21.92	0.30	22.22	<=30	Pass
		3	3	21.91	0.30	22.21	<=30	Pass
			0	20.63	0.30	20.93	<=30	Pass
			0	20.63	0.30	20.93	<=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	23.37	0.30	23.67	<=30	Pass
			7	23.52	0.30	23.82	<=30	Pass
			14	23.43	0.30	23.73	<=30	Pass
		8	0	22.59	0.30	22.89	<=30	Pass
			4	22.67	0.30	22.97	<=30	Pass
			7	22.59	0.30	22.89	<=30	Pass
		15	0	22.60	0.30	22.90	<=30	Pass
	1745	1	0	23.40	0.30	23.70	<=30	Pass
			7	23.53	0.30	23.83	<=30	Pass
			14	23.37	0.30	23.67	<=30	Pass
		8	0	22.63	0.30	22.93	<=30	Pass
			4	22.69	0.30	22.99	<=30	Pass
			7	22.60	0.30	22.90	<=30	Pass
		15	0	22.60	0.30	22.90	<=30	Pass
	1778.5	1	0	23.31	0.30	23.61	<=30	Pass
			7	23.52	0.30	23.82	<=30	Pass
			14	23.39	0.30	23.69	<=30	Pass
		8	0	22.55	0.30	22.85	<=30	Pass
			4	22.60	0.30	22.90	<=30	Pass
			7	22.57	0.30	22.87	<=30	Pass
		15	0	22.52	0.30	22.82	<=30	Pass
16QAM	1711.5	1	0	22.89	0.30	23.19	<=30	Pass
			7	23.01	0.30	23.31	<=30	Pass
			14	22.85	0.30	23.15	<=30	Pass
		8	0	21.73	0.30	22.03	<=30	Pass
			4	21.82	0.30	22.12	<=30	Pass
			7	21.75	0.30	22.05	<=30	Pass
		15	0	21.66	0.30	21.96	<=30	Pass
	1745	1	0	22.55	0.30	22.85	<=30	Pass
			7	22.69	0.30	22.99	<=30	Pass
			14	22.49	0.30	22.79	<=30	Pass
		8	0	21.60	0.30	21.90	<=30	Pass
			4	21.66	0.30	21.96	<=30	Pass
			7	21.53	0.30	21.83	<=30	Pass
		15	0	21.55	0.30	21.85	<=30	Pass
	1778.5	1	0	22.28	0.30	22.58	<=30	Pass

64QAM			7	22.48	0.30	22.78	<=30	Pass
			14	22.34	0.30	22.64	<=30	Pass
			0	21.63	0.30	21.93	<=30	Pass
		8	4	21.65	0.30	21.95	<=30	Pass
			7	21.59	0.30	21.89	<=30	Pass
			15	21.56	0.30	21.86	<=30	Pass
	1711.5	1	0	21.79	0.30	22.09	<=30	Pass
			7	21.92	0.30	22.22	<=30	Pass
			14	21.79	0.30	22.09	<=30	Pass
		8	0	20.80	0.30	21.10	<=30	Pass
			4	20.84	0.30	21.14	<=30	Pass
			7	20.71	0.30	21.01	<=30	Pass
		15	0	20.63	0.30	20.93	<=30	Pass
		1	0	21.68	0.30	21.98	<=30	Pass
			7	21.81	0.30	22.11	<=30	Pass
			14	21.65	0.30	21.95	<=30	Pass
		8	0	20.77	0.30	21.07	<=30	Pass
			4	20.80	0.30	21.10	<=30	Pass
			7	20.70	0.30	21.00	<=30	Pass
		15	0	20.71	0.30	21.01	<=30	Pass
	1778.5	1	0	21.54	0.30	21.84	<=30	Pass
			7	21.73	0.30	22.03	<=30	Pass
			14	21.55	0.30	21.85	<=30	Pass
		8	0	20.48	0.30	20.78	<=30	Pass
			4	20.51	0.30	20.81	<=30	Pass
			7	20.43	0.30	20.73	<=30	Pass
		15	0	20.58	0.30	20.88	<=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	23.61	0.30	23.91	<=30	Pass
			13	23.76	0.30	24.06	<=30	Pass
			24	23.59	0.30	23.89	<=30	Pass
		12	0	22.62	0.30	22.92	<=30	Pass
			6	22.67	0.30	22.97	<=30	Pass
			13	22.68	0.30	22.98	<=30	Pass
		25	0	22.62	0.30	22.92	<=30	Pass
	1745	1	0	23.66	0.30	23.96	<=30	Pass
			13	23.77	0.30	24.07	<=30	Pass
			24	23.57	0.30	23.87	<=30	Pass
		12	0	22.67	0.30	22.97	<=30	Pass
			6	22.73	0.30	23.03	<=30	Pass
			13	22.66	0.30	22.96	<=30	Pass
		25	0	22.68	0.30	22.98	<=30	Pass
	1777.5	1	0	23.48	0.30	23.78	<=30	Pass
			13	23.67	0.30	23.97	<=30	Pass
			24	23.57	0.30	23.87	<=30	Pass
		12	0	22.55	0.30	22.85	<=30	Pass
			6	22.59	0.30	22.89	<=30	Pass
			13	22.54	0.30	22.84	<=30	Pass
		25	0	22.52	0.30	22.82	<=30	Pass
16QAM	1712.5	1	0	22.45	0.30	22.75	<=30	Pass
			13	22.58	0.30	22.88	<=30	Pass

				24	22.48	0.30	22.78	<=30	Pass
			12	0	21.58	0.30	21.88	<=30	Pass
				6	21.68	0.30	21.98	<=30	Pass
				13	21.70	0.30	22.00	<=30	Pass
				25	0	21.69	0.30	21.99	<=30
		1745	1	0	22.91	0.30	23.21	<=30	Pass
				13	23.02	0.30	23.32	<=30	Pass
				24	22.79	0.30	23.09	<=30	Pass
			12	0	21.68	0.30	21.98	<=30	Pass
				6	21.76	0.30	22.06	<=30	Pass
	13			21.69	0.30	21.99	<=30	Pass	
	25		0	21.69	0.30	21.99	<=30	Pass	
	1777.5		1	0	22.52	0.30	22.82	<=30	Pass
				13	22.68	0.30	22.98	<=30	Pass
		24		22.61	0.30	22.91	<=30	Pass	
		12	0	21.49	0.30	21.79	<=30	Pass	
			6	21.59	0.30	21.89	<=30	Pass	
			13	21.55	0.30	21.85	<=30	Pass	
		25	0	21.58	0.30	21.88	<=30	Pass	

64QAM	1712.5	1	0	21.58	0.30	21.88	<=30	Pass	
			13	21.72	0.30	22.02	<=30	Pass	
			24	21.57	0.30	21.87	<=30	Pass	
		12	0	20.72	0.30	21.02	<=30	Pass	
			6	20.79	0.30	21.09	<=30	Pass	
			13	20.78	0.30	21.08	<=30	Pass	
		25	0	20.73	0.30	21.03	<=30	Pass	
		1745	1	0	22.05	0.30	22.35	<=30	Pass
				13	22.16	0.30	22.46	<=30	Pass
				24	21.99	0.30	22.29	<=30	Pass
	12		0	20.65	0.30	20.95	<=30	Pass	
			6	20.75	0.30	21.05	<=30	Pass	
			13	20.68	0.30	20.98	<=30	Pass	
	25		0	20.75	0.30	21.05	<=30	Pass	
	1777.5	1	0	21.65	0.30	21.95	<=30	Pass	
			13	21.86	0.30	22.16	<=30	Pass	
			24	21.76	0.30	22.06	<=30	Pass	
		12	0	20.65	0.30	20.95	<=30	Pass	
			6	20.70	0.30	21.00	<=30	Pass	
			13	20.66	0.30	20.96	<=30	Pass	
		25	0	20.61	0.30	20.91	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain									
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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	23.74	0.30	24.04	<=30	Pass
			25	23.73	0.30	24.03	<=30	Pass
			49	23.71	0.30	24.01	<=30	Pass
		25	0	22.57	0.30	22.87	<=30	Pass
			13	22.70	0.30	23.00	<=30	Pass
			25	22.66	0.30	22.96	<=30	Pass
		50	0	22.69	0.30	22.99	<=30	Pass
	1745	1	0	23.76	0.30	24.06	<=30	Pass
			25	23.77	0.30	24.07	<=30	Pass
			49	23.61	0.30	23.91	<=30	Pass

		25	0	22.63	0.30	22.93	<=30	Pass
			13	22.74	0.30	23.04	<=30	Pass
			25	22.69	0.30	22.99	<=30	Pass
		50	0	22.71	0.30	23.01	<=30	Pass
	1775	1	0	23.60	0.30	23.90	<=30	Pass
			25	23.64	0.30	23.94	<=30	Pass
			49	23.72	0.30	24.02	<=30	Pass
		25	0	22.49	0.30	22.79	<=30	Pass
			13	22.57	0.30	22.87	<=30	Pass
			25	22.52	0.30	22.82	<=30	Pass
		50	0	22.49	0.30	22.79	<=30	Pass
16QAM	1715	1	0	23.19	0.30	23.49	<=30	Pass
			25	23.22	0.30	23.52	<=30	Pass
			49	23.19	0.30	23.49	<=30	Pass
		25	0	21.64	0.30	21.94	<=30	Pass
			13	21.80	0.30	22.10	<=30	Pass
			25	21.74	0.30	22.04	<=30	Pass
		50	0	21.66	0.30	21.96	<=30	Pass
	1745	1	0	22.92	0.30	23.22	<=30	Pass
			25	22.93	0.30	23.23	<=30	Pass
			49	22.74	0.30	23.04	<=30	Pass
		25	0	21.70	0.30	22.00	<=30	Pass
			13	21.83	0.30	22.13	<=30	Pass
			25	21.73	0.30	22.03	<=30	Pass
		50	0	21.71	0.30	22.01	<=30	Pass
	1775	1	0	22.55	0.30	22.85	<=30	Pass
			25	22.57	0.30	22.87	<=30	Pass
			49	22.64	0.30	22.94	<=30	Pass
		25	0	21.66	0.30	21.96	<=30	Pass
			13	21.65	0.30	21.95	<=30	Pass
			25	21.58	0.30	21.88	<=30	Pass
		50	0	21.52	0.30	21.82	<=30	Pass
64QAM	1715	1	0	21.97	0.30	22.27	<=30	Pass
			25	22.02	0.30	22.32	<=30	Pass
			49	21.99	0.30	22.29	<=30	Pass
		25	0	20.75	0.30	21.05	<=30	Pass
			13	20.86	0.30	21.16	<=30	Pass
			25	20.84	0.30	21.14	<=30	Pass
		50	0	20.78	0.30	21.08	<=30	Pass
	1745	1	0	21.92	0.30	22.22	<=30	Pass
			25	21.95	0.30	22.25	<=30	Pass
			49	21.81	0.30	22.11	<=30	Pass
		25	0	20.84	0.30	21.14	<=30	Pass
			13	20.95	0.30	21.25	<=30	Pass
			25	20.86	0.30	21.16	<=30	Pass
		50	0	20.78	0.30	21.08	<=30	Pass
	1775	1	0	21.71	0.30	22.01	<=30	Pass
			25	21.73	0.30	22.03	<=30	Pass
			49	21.76	0.30	22.06	<=30	Pass
		25	0	20.63	0.30	20.93	<=30	Pass
			13	20.71	0.30	21.01	<=30	Pass
			25	20.62	0.30	20.92	<=30	Pass
		50	0	20.56	0.30	20.86	<=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	23.67	0.30	23.97	<=30	Pass
			38	23.74	0.30	24.04	<=30	Pass
			74	23.68	0.30	23.98	<=30	Pass
		36	0	22.65	0.30	22.95	<=30	Pass
			18	22.75	0.30	23.05	<=30	Pass
			39	22.68	0.30	22.98	<=30	Pass
		75	0	22.79	0.30	23.09	<=30	Pass
	1745	1	0	23.73	0.30	24.03	<=30	Pass
			38	23.79	0.30	24.09	<=30	Pass
			74	23.53	0.30	23.83	<=30	Pass
		36	0	22.70	0.30	23.00	<=30	Pass
			18	22.80	0.30	23.10	<=30	Pass
			39	22.70	0.30	23.00	<=30	Pass
		75	0	22.73	0.30	23.03	<=30	Pass
	1772.5	1	0	23.65	0.30	23.95	<=30	Pass
			38	23.60	0.30	23.90	<=30	Pass
			74	23.65	0.30	23.95	<=30	Pass
		36	0	22.60	0.30	22.90	<=30	Pass
			18	22.59	0.30	22.89	<=30	Pass
			39	22.58	0.30	22.88	<=30	Pass
		75	0	22.58	0.30	22.88	<=30	Pass
16QAM	1717.5	1	0	23.15	0.30	23.45	<=30	Pass
			38	23.21	0.30	23.51	<=30	Pass
			74	23.16	0.30	23.46	<=30	Pass
		36	0	21.67	0.30	21.97	<=30	Pass
			18	21.73	0.30	22.03	<=30	Pass
			39	21.74	0.30	22.04	<=30	Pass
		75	0	21.73	0.30	22.03	<=30	Pass
	1745	1	0	22.88	0.30	23.18	<=30	Pass
			38	22.94	0.30	23.24	<=30	Pass
			74	22.66	0.30	22.96	<=30	Pass
		36	0	21.69	0.30	21.99	<=30	Pass
			18	21.81	0.30	22.11	<=30	Pass
			39	21.70	0.30	22.00	<=30	Pass
		75	0	21.71	0.30	22.01	<=30	Pass
	1772.5	1	0	22.88	0.30	23.18	<=30	Pass
			38	22.89	0.30	23.19	<=30	Pass
			74	22.83	0.30	23.13	<=30	Pass
		36	0	21.60	0.30	21.90	<=30	Pass
			18	21.59	0.30	21.89	<=30	Pass
			39	21.50	0.30	21.80	<=30	Pass
		75	0	21.51	0.30	21.81	<=30	Pass
64QAM	1717.5	1	0	21.95	0.30	22.25	<=30	Pass
			38	22.01	0.30	22.31	<=30	Pass
			74	21.95	0.30	22.25	<=30	Pass
		36	0	20.75	0.30	21.05	<=30	Pass
			18	20.83	0.30	21.13	<=30	Pass
			39	20.85	0.30	21.15	<=30	Pass
		75	0	20.77	0.30	21.07	<=30	Pass
	1745	1	0	21.91	0.30	22.21	<=30	Pass
			38	21.97	0.30	22.27	<=30	Pass
			74	21.68	0.30	21.98	<=30	Pass

		36	0	20.82	0.30	21.12	<=30	Pass
			18	20.89	0.30	21.19	<=30	Pass
			39	20.82	0.30	21.12	<=30	Pass
	1772.5	75	0	20.77	0.30	21.07	<=30	Pass
		1	0	22.13	0.30	22.43	<=30	Pass
			38	22.11	0.30	22.41	<=30	Pass
			74	22.13	0.30	22.43	<=30	Pass
		36	0	20.62	0.30	20.92	<=30	Pass
			18	20.59	0.30	20.89	<=30	Pass
			39	20.56	0.30	20.86	<=30	Pass
		75	0	20.57	0.30	20.87	<=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	23.61	0.30	23.91	<=30	Pass
			50	23.78	0.30	24.08	<=30	Pass
			99	23.59	0.30	23.89	<=30	Pass
		50	0	22.69	0.30	22.99	<=30	Pass
			25	22.74	0.30	23.04	<=30	Pass
			50	22.67	0.30	22.97	<=30	Pass
		100	0	22.68	0.30	22.98	<=30	Pass
	1745	1	0	23.62	0.30	23.92	<=30	Pass
			50	23.79	0.30	24.09	<=30	Pass
			99	23.49	0.30	23.79	<=30	Pass
		50	0	22.64	0.30	22.94	<=30	Pass
			25	22.74	0.30	23.04	<=30	Pass
			50	22.72	0.30	23.02	<=30	Pass
		100	0	22.64	0.30	22.94	<=30	Pass
	1770	1	0	23.55	0.30	23.85	<=30	Pass
			50	23.57	0.30	23.87	<=30	Pass
			99	23.47	0.30	23.77	<=30	Pass
		50	0	22.61	0.30	22.91	<=30	Pass
			25	22.59	0.30	22.89	<=30	Pass
			50	22.40	0.30	22.70	<=30	Pass
		100	0	22.50	0.30	22.80	<=30	Pass
16QAM	1720	1	0	22.84	0.30	23.14	<=30	Pass
			50	23.05	0.30	23.35	<=30	Pass
			99	22.85	0.30	23.15	<=30	Pass
		50	0	21.64	0.30	21.94	<=30	Pass
			25	21.74	0.30	22.04	<=30	Pass
			50	21.68	0.30	21.98	<=30	Pass
		100	0	21.69	0.30	21.99	<=30	Pass
	1745	1	0	22.80	0.30	23.10	<=30	Pass
			50	22.97	0.30	23.27	<=30	Pass
			99	22.61	0.30	22.91	<=30	Pass
		50	0	21.66	0.30	21.96	<=30	Pass
			25	21.78	0.30	22.08	<=30	Pass
			50	21.67	0.30	21.97	<=30	Pass
		100	0	21.67	0.30	21.97	<=30	Pass
	1770	1	0	23.03	0.30	23.33	<=30	Pass
			50	23.05	0.30	23.35	<=30	Pass
			99	22.93	0.30	23.23	<=30	Pass
		50	0	21.62	0.30	21.92	<=30	Pass

64QAM	1720	100	25	21.55	0.30	21.85	<=30	Pass
			50	21.41	0.30	21.71	<=30	Pass
			0	21.53	0.30	21.83	<=30	Pass
		1	0	21.99	0.30	22.29	<=30	Pass
			50	22.20	0.30	22.50	<=30	Pass
			99	22.00	0.30	22.30	<=30	Pass
		50	0	20.80	0.30	21.10	<=30	Pass
			25	20.88	0.30	21.18	<=30	Pass
			50	20.86	0.30	21.16	<=30	Pass
		100	0	20.76	0.30	21.06	<=30	Pass
	1745	1	0	22.28	0.30	22.58	<=30	Pass
			50	22.41	0.30	22.71	<=30	Pass
			99	22.06	0.30	22.36	<=30	Pass
		50	0	20.81	0.30	21.11	<=30	Pass
			25	20.91	0.30	21.21	<=30	Pass
			50	20.77	0.30	21.07	<=30	Pass
		100	0	20.76	0.30	21.06	<=30	Pass
	1770	1	0	21.76	0.30	22.06	<=30	Pass
			50	21.79	0.30	22.09	<=30	Pass
			99	21.71	0.30	22.01	<=30	Pass
		50	0	20.69	0.30	20.99	<=30	Pass
			25	20.64	0.30	20.94	<=30	Pass
			50	20.41	0.30	20.71	<=30	Pass
		100	0	20.59	0.30	20.89	<=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	2.411	0.0014	-2.5 to 2.5	Pass
					NV	-2.553	-0.0015	-2.5 to 2.5	Pass
					HV	-2.127	-0.0012	-2.5 to 2.5	Pass
				-30	NV	-0.135	-0.0001	-2.5 to 2.5	Pass
				-20	NV	6.305	0.0036	-2.5 to 2.5	Pass
				-10	NV	4.231	0.0024	-2.5 to 2.5	Pass
				0	NV	3.057	0.0018	-2.5 to 2.5	Pass
				10	NV	3.697	0.0021	-2.5 to 2.5	Pass
				30	NV	1.084	0.0006	-2.5 to 2.5	Pass
				40	NV	-0.156	-0.0001	-2.5 to 2.5	Pass
				50	NV	5.634	0.0032	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

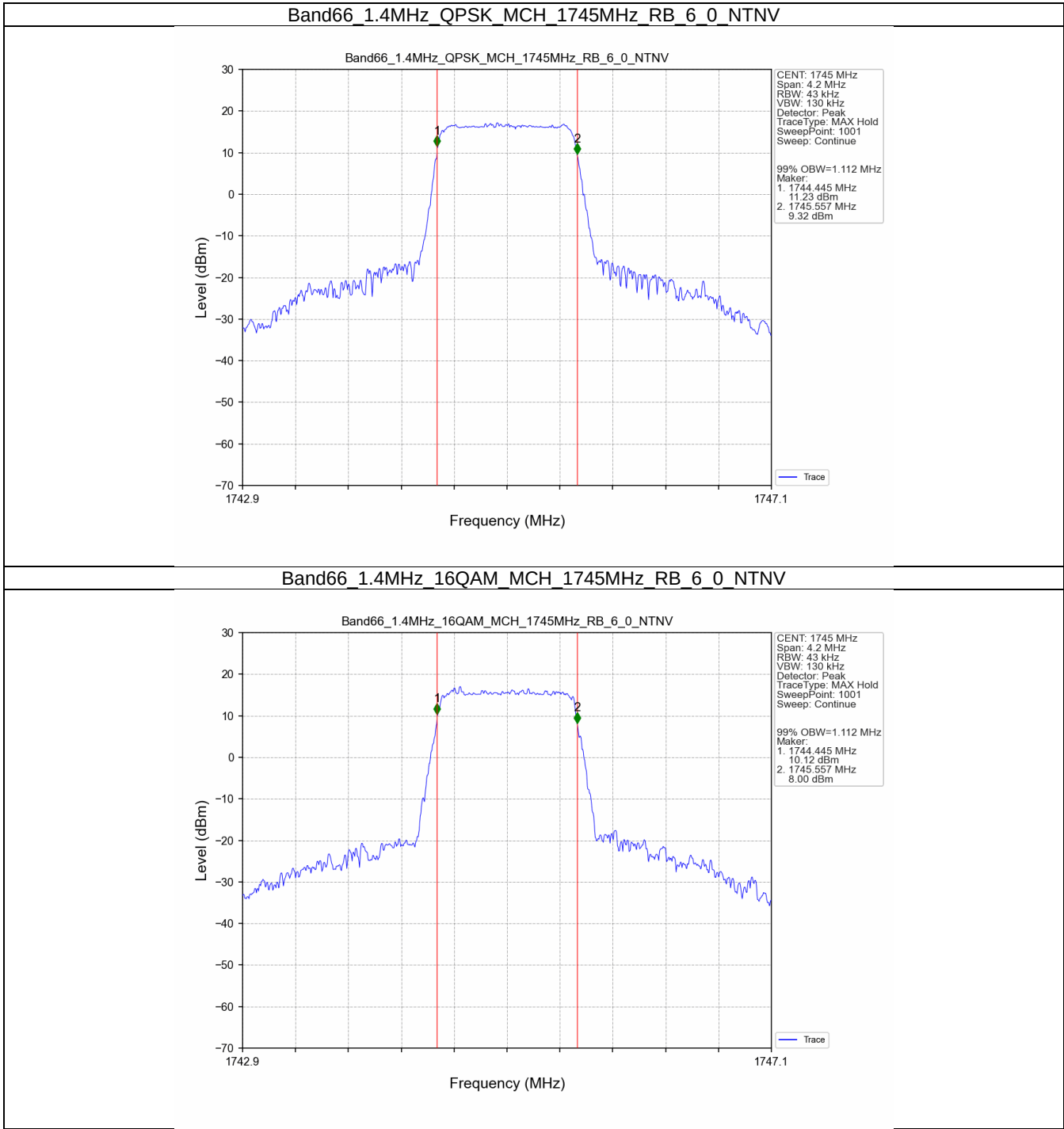
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.112	/	Pass
	16QAM	1745	6	0	1.112	/	Pass
	64QAM	1745	6	0	1.104	/	Pass
3	QPSK	1745	15	0	2.737	/	Pass
	16QAM	1745	15	0	2.729	/	Pass
	64QAM	1745	15	0	2.724	/	Pass
5	QPSK	1745	25	0	4.560	/	Pass
	16QAM	1745	25	0	4.541	/	Pass
	64QAM	1745	25	0	4.554	/	Pass
10	QPSK	1745	50	0	9.014	/	Pass
	16QAM	1745	50	0	9.031	/	Pass
	64QAM	1745	50	0	9.054	/	Pass
15	QPSK	1745	75	0	13.572	/	Pass
	16QAM	1745	75	0	13.572	/	Pass
	64QAM	1745	75	0	13.555	/	Pass
20	QPSK	1745	100	0	18.067	/	Pass
	16QAM	1745	100	0	18.085	/	Pass
	64QAM	1745	100	0	18.082	/	Pass

3.1.2 Band66_XDB

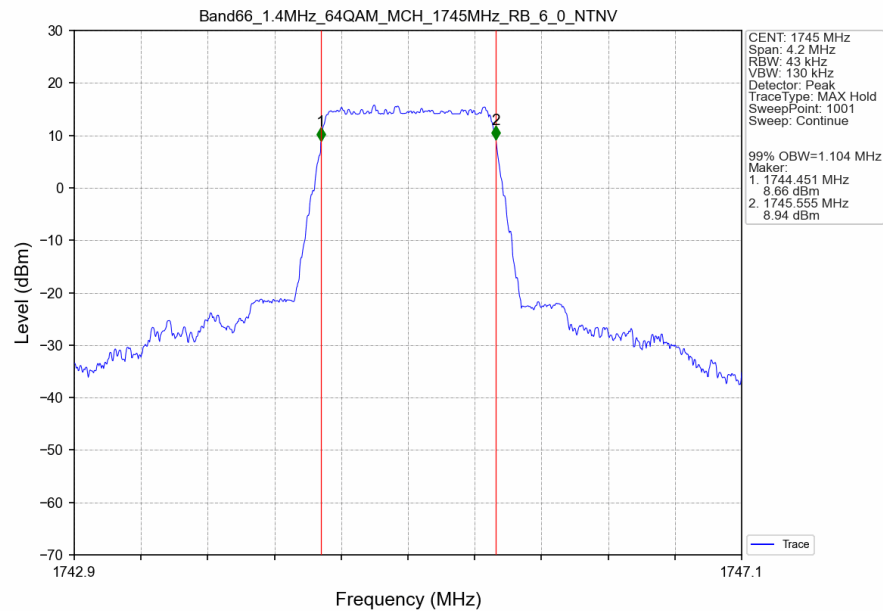
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.304	/	Pass
	16QAM	1745	6	0	1.312	/	Pass
	64QAM	1745	6	0	1.305	/	Pass
3	QPSK	1745	15	0	3.042	/	Pass
	16QAM	1745	15	0	3.024	/	Pass
	64QAM	1745	15	0	3.041	/	Pass
5	QPSK	1745	25	0	5.010	/	Pass
	16QAM	1745	25	0	5.017	/	Pass
	64QAM	1745	25	0	5.022	/	Pass
10	QPSK	1745	50	0	9.960	/	Pass
	16QAM	1745	50	0	9.916	/	Pass
	64QAM	1745	50	0	9.853	/	Pass
15	QPSK	1745	75	0	14.803	/	Pass
	16QAM	1745	75	0	14.859	/	Pass
	64QAM	1745	75	0	14.899	/	Pass
20	QPSK	1745	100	0	19.656	/	Pass
	16QAM	1745	100	0	19.770	/	Pass
	64QAM	1745	100	0	19.748	/	Pass

3.2 Test Graph

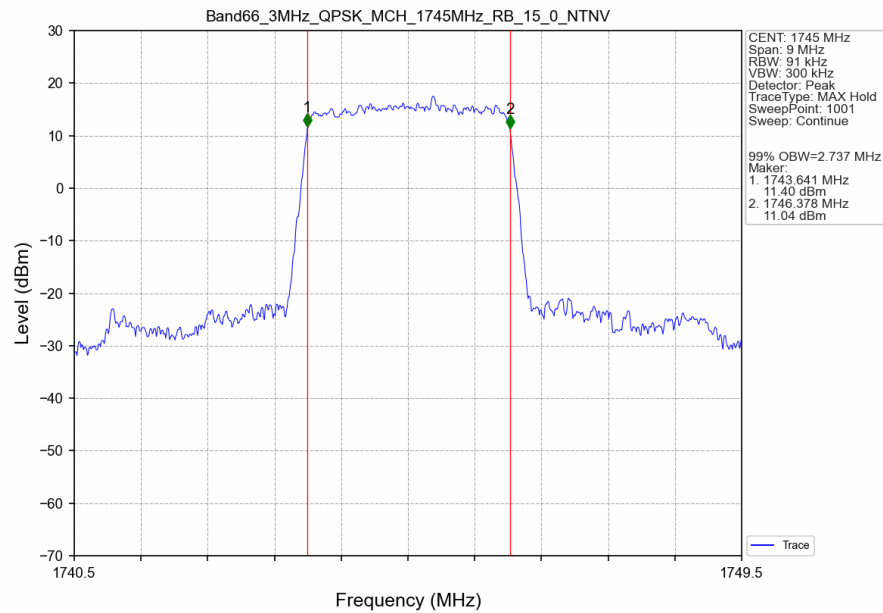
3.2.1 Band66_OBW



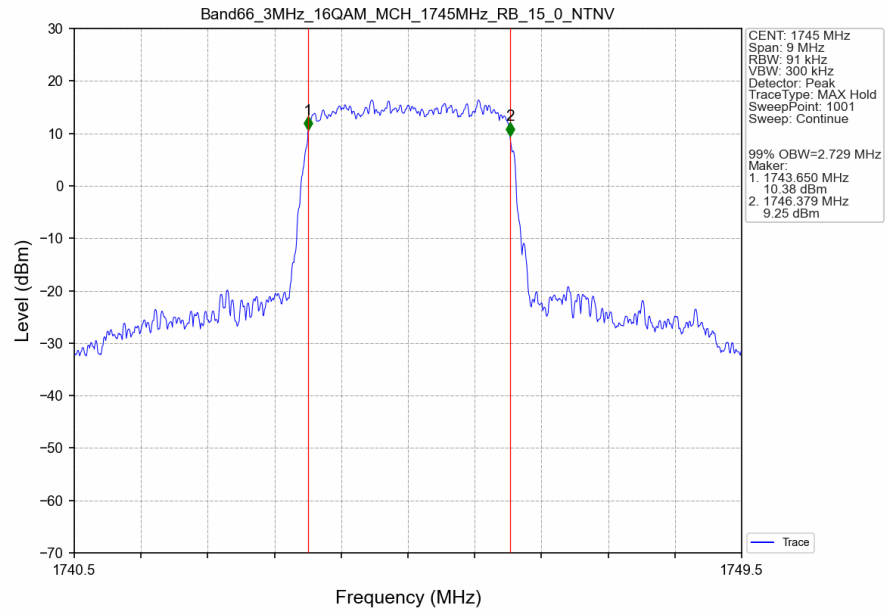
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTN



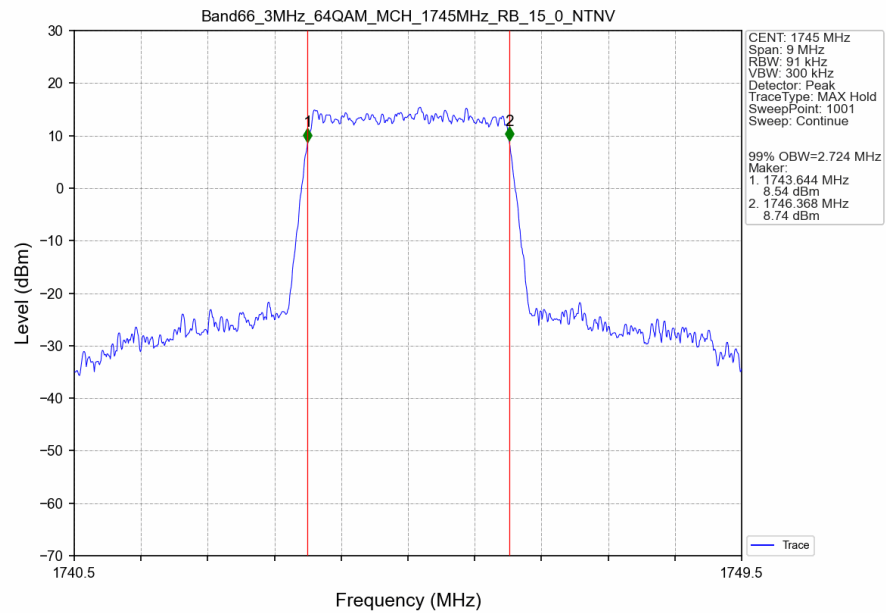
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTN



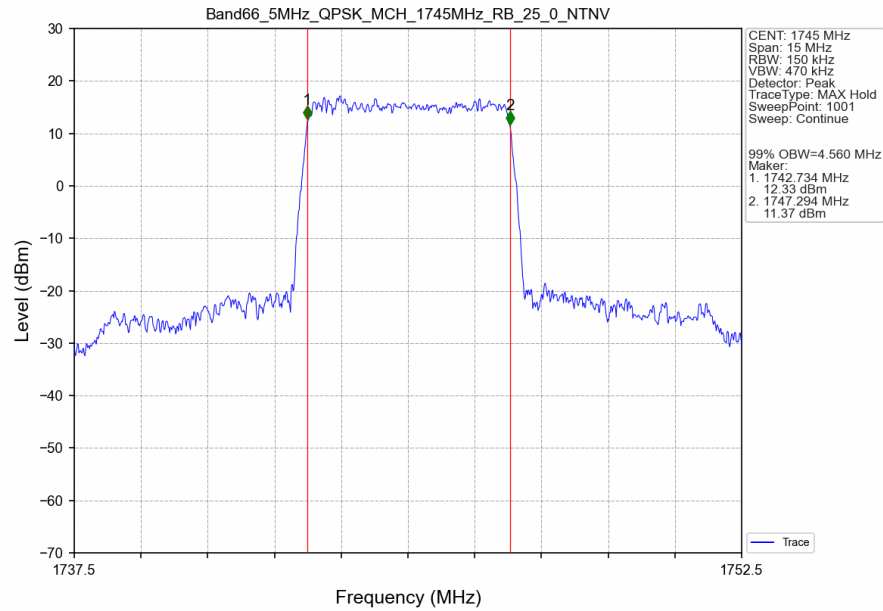
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



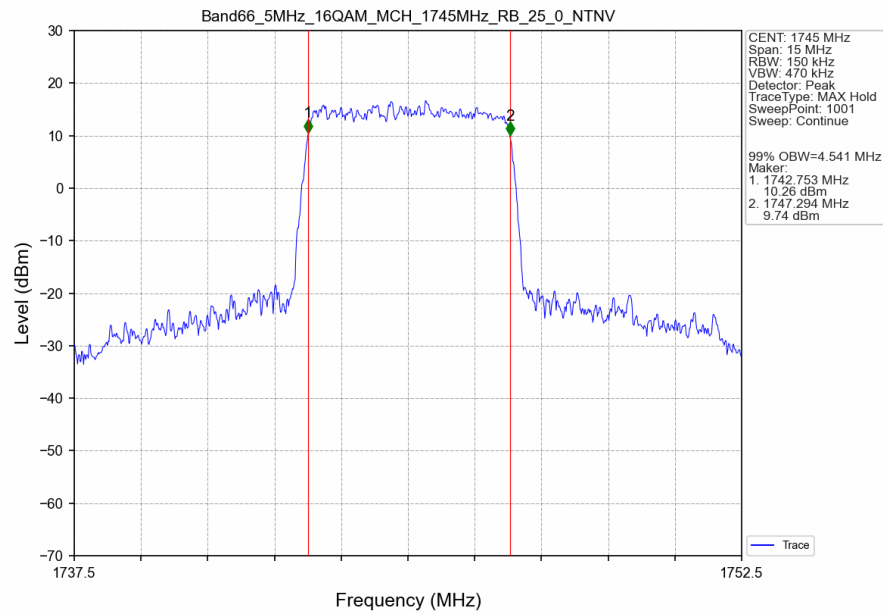
Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTV



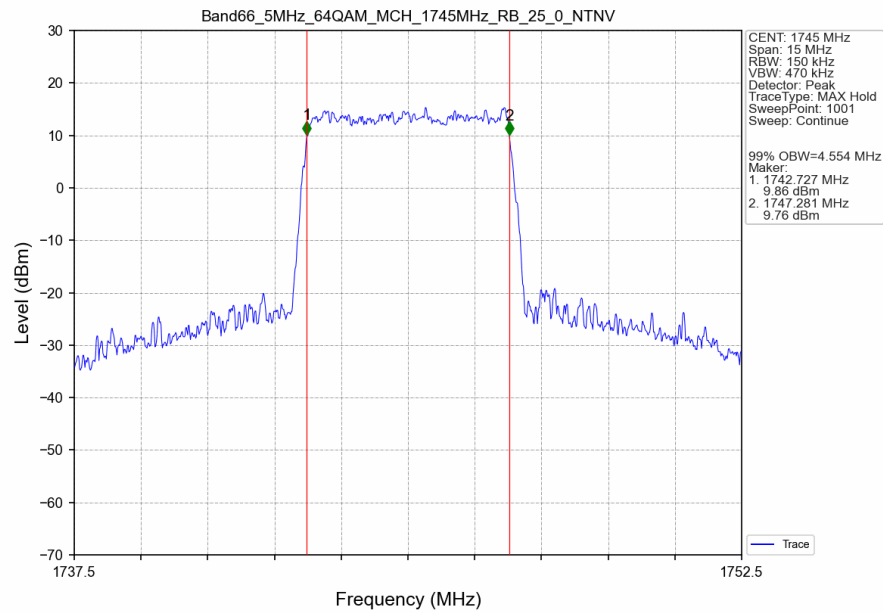
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



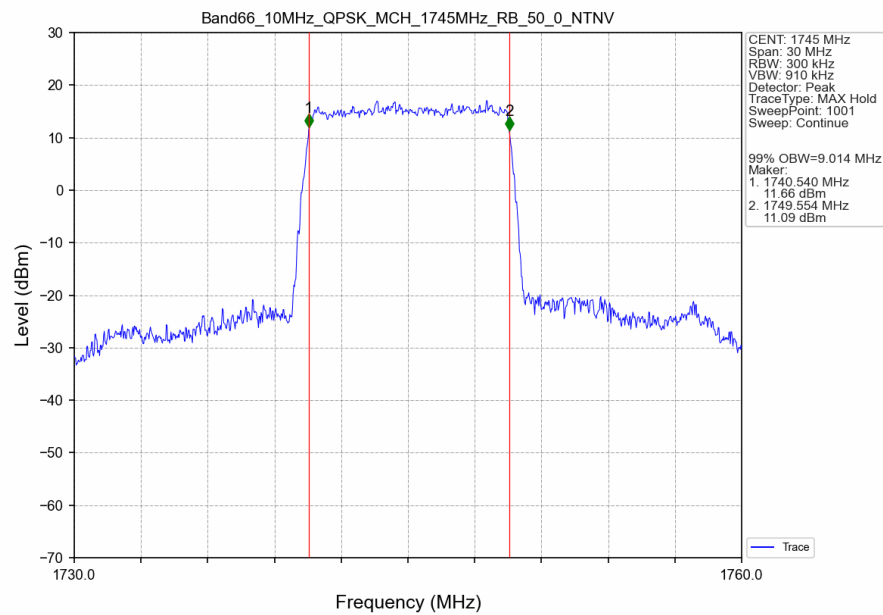
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



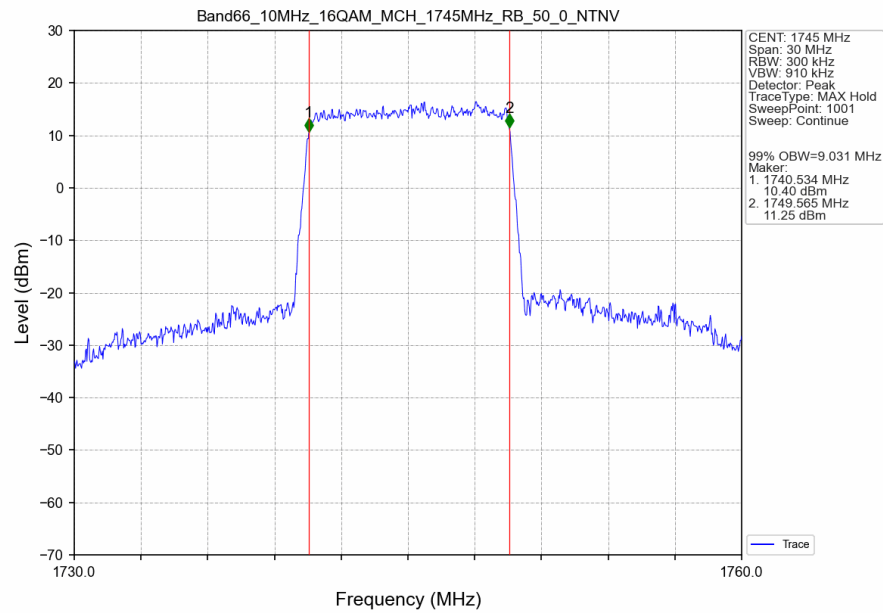
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



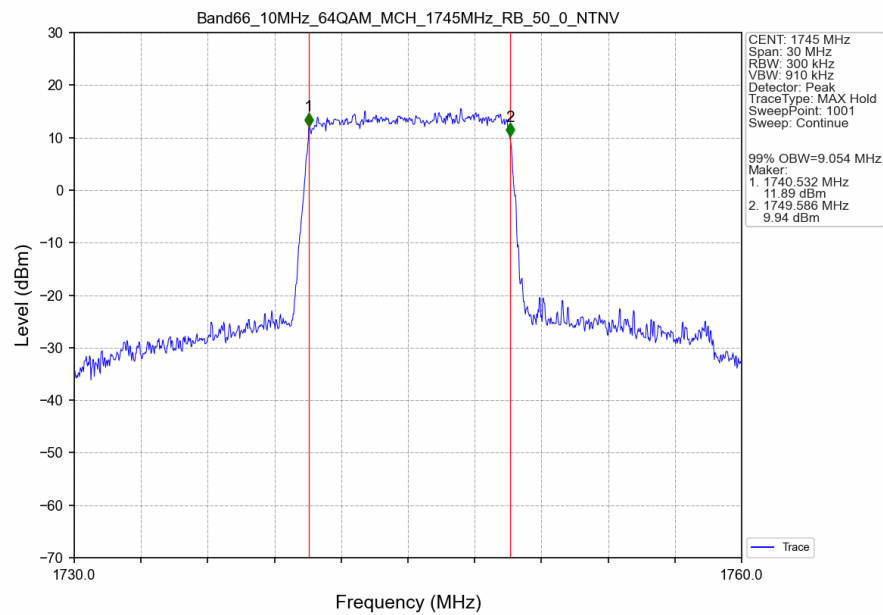
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



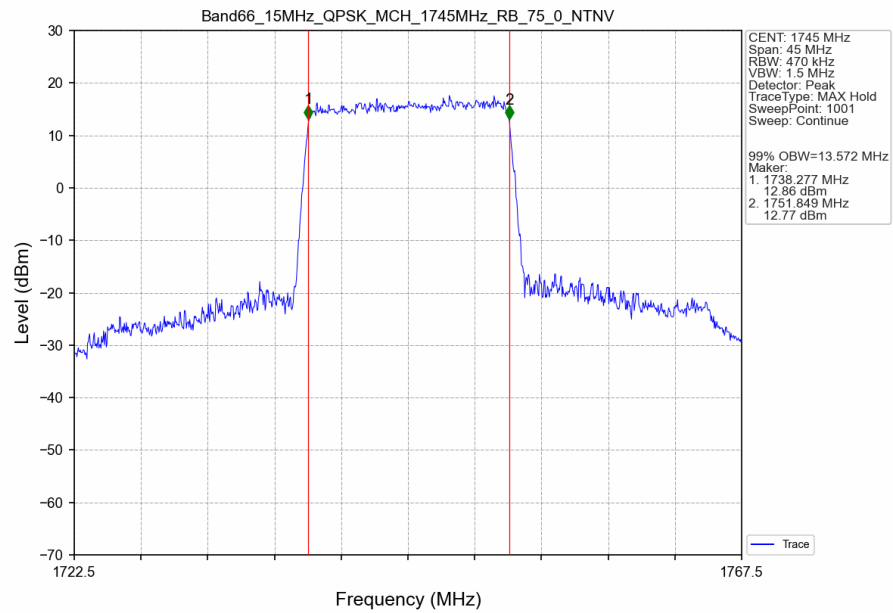
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



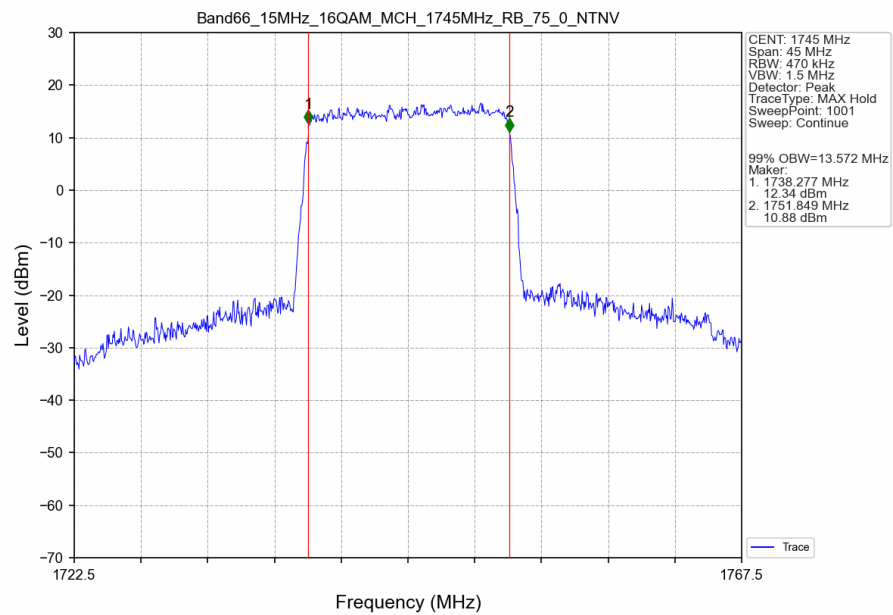
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



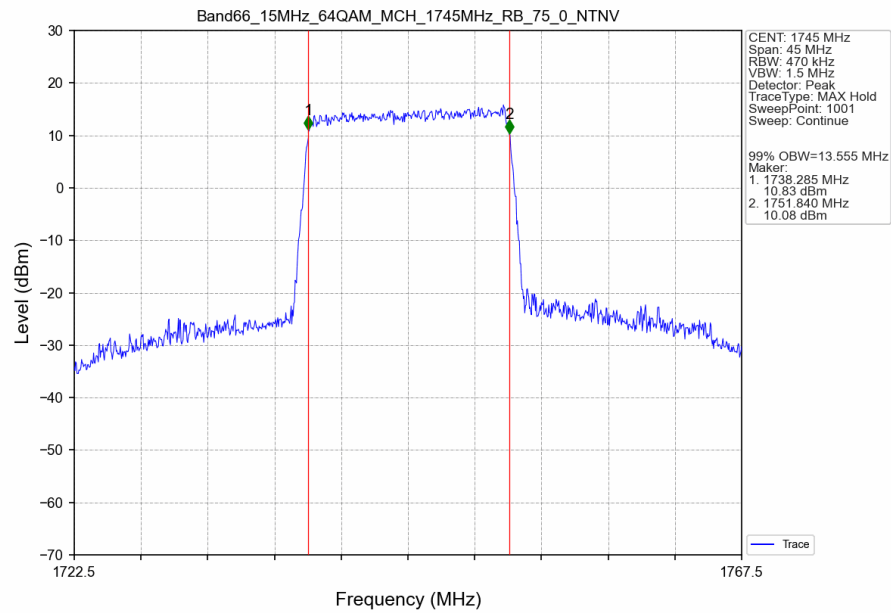
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



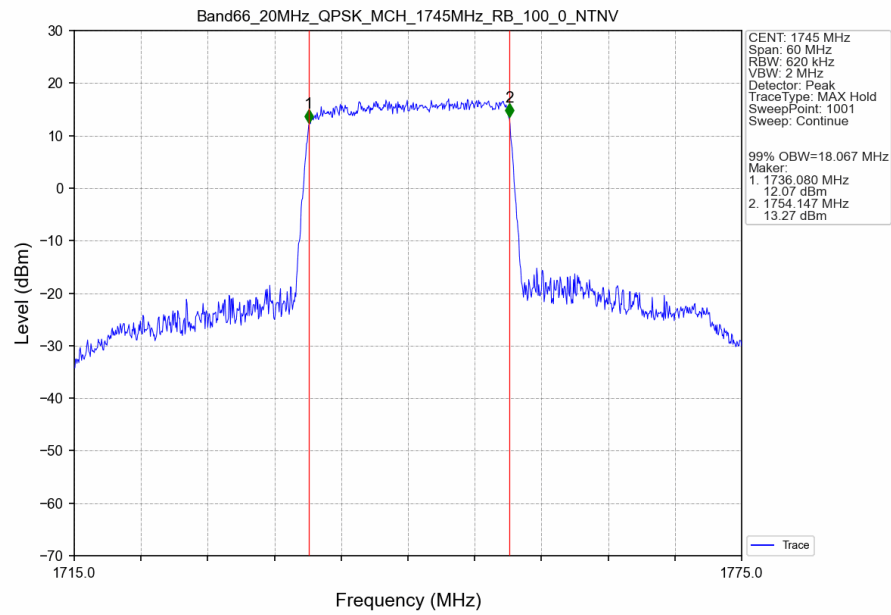
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



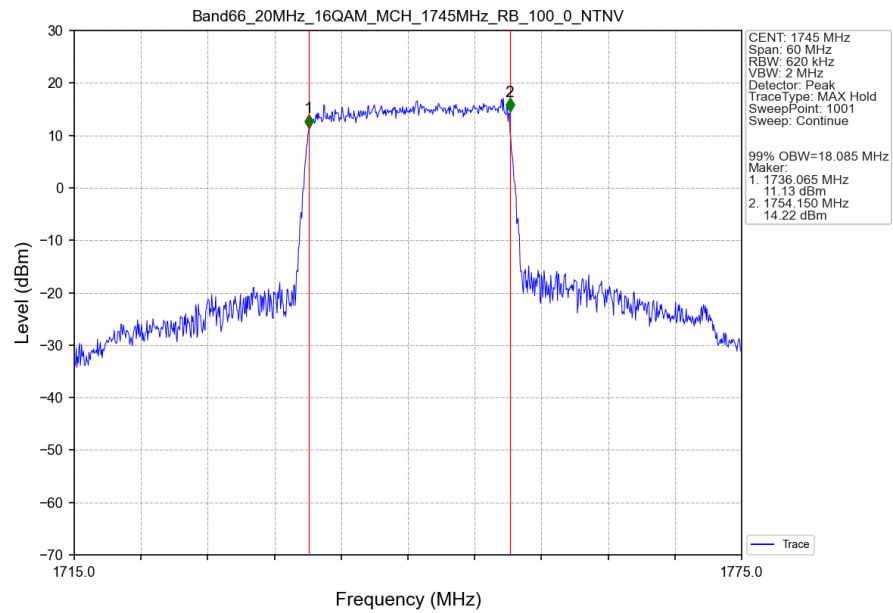
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



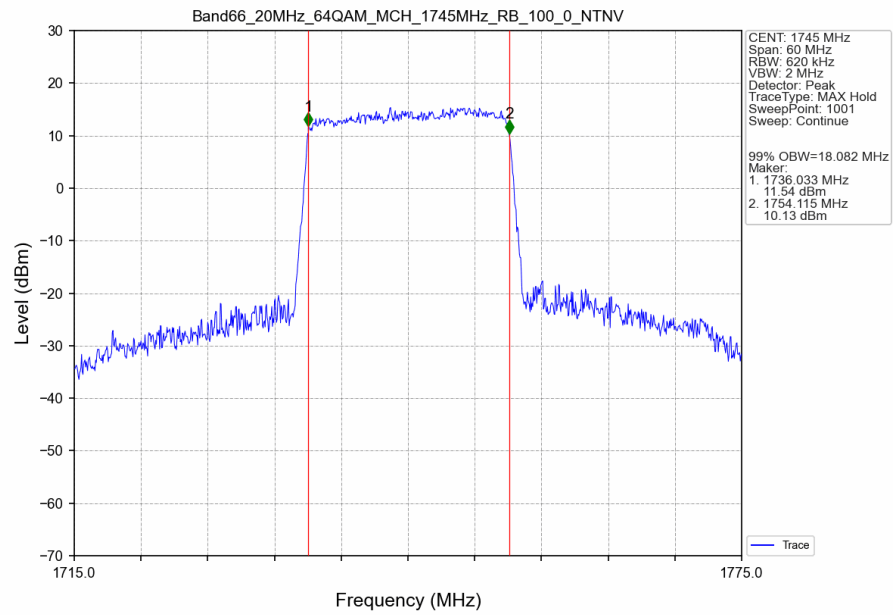
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



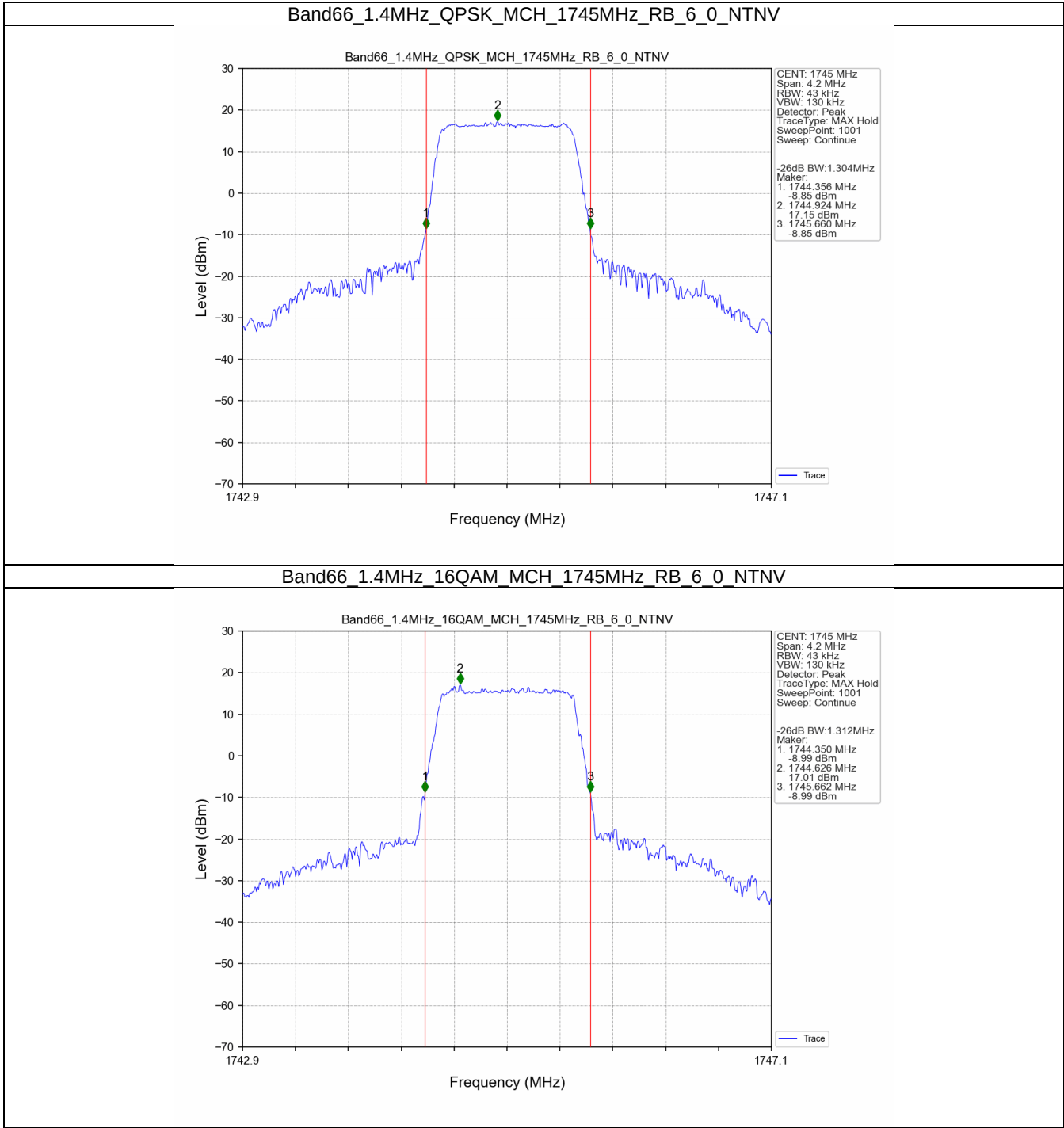
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTV



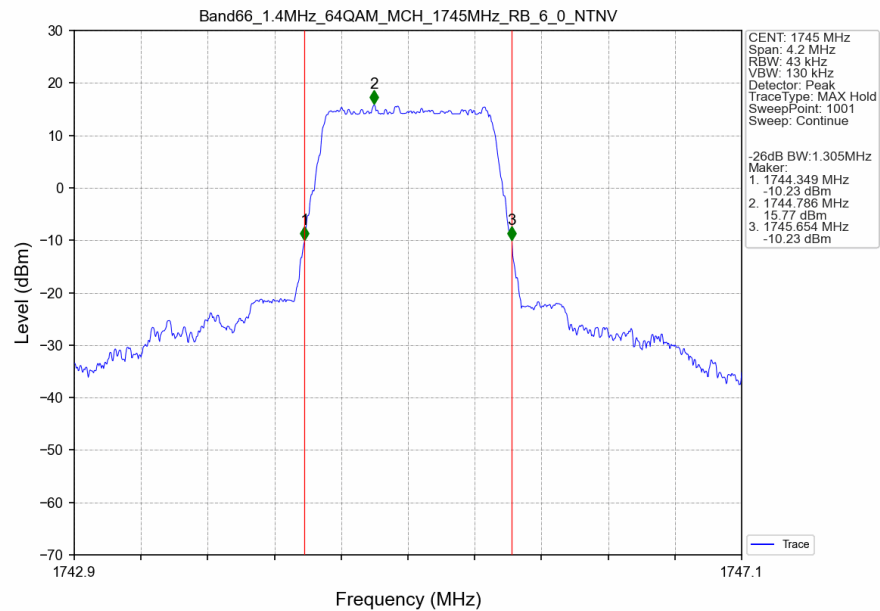
Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTV



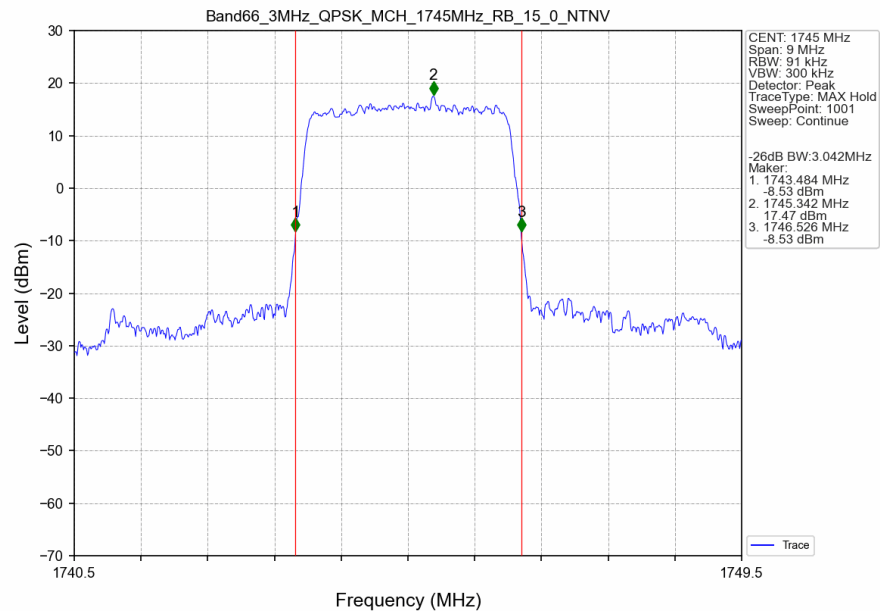
3.2.2 Band66_XDB



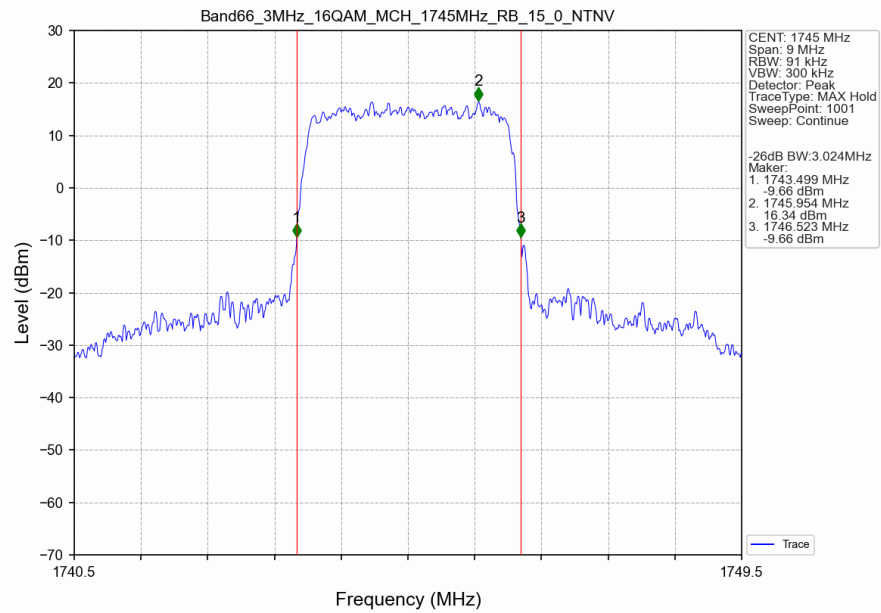
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV



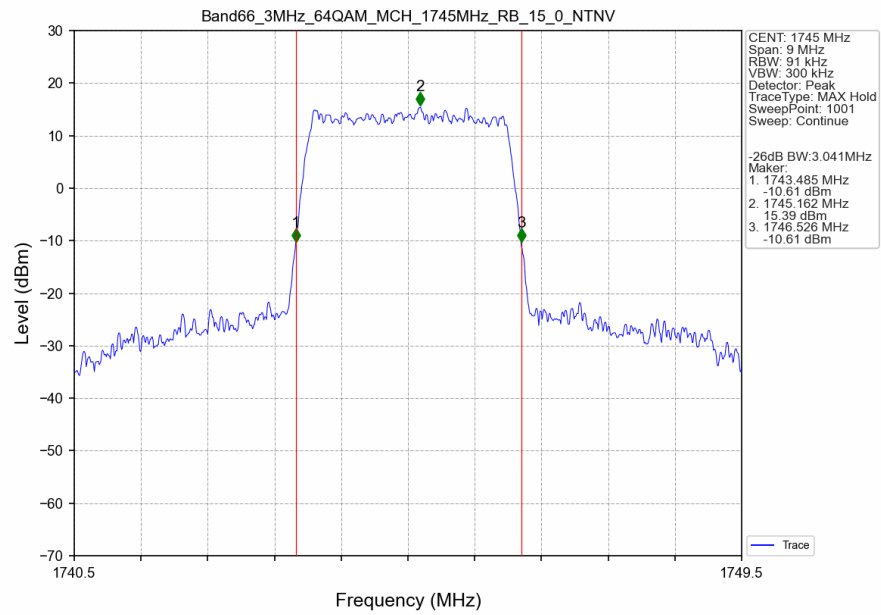
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



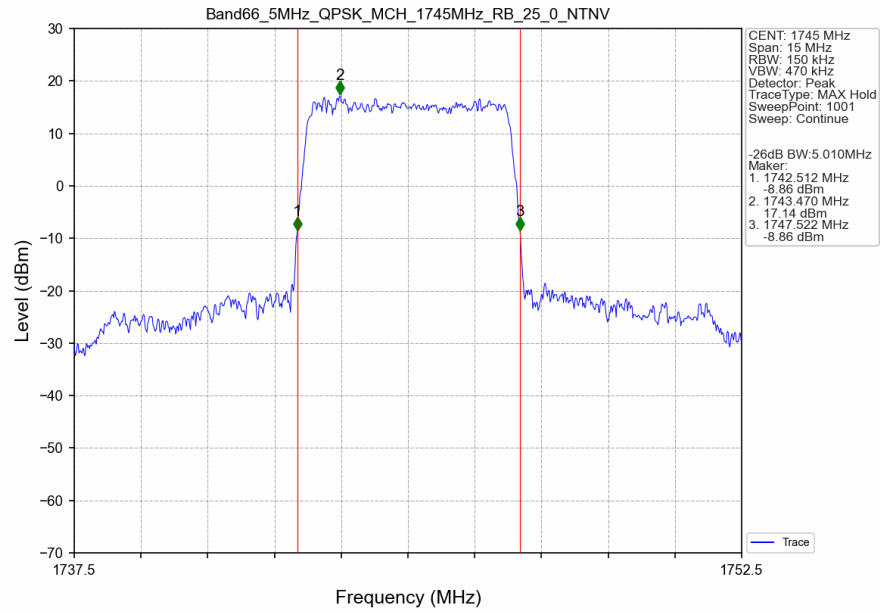
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



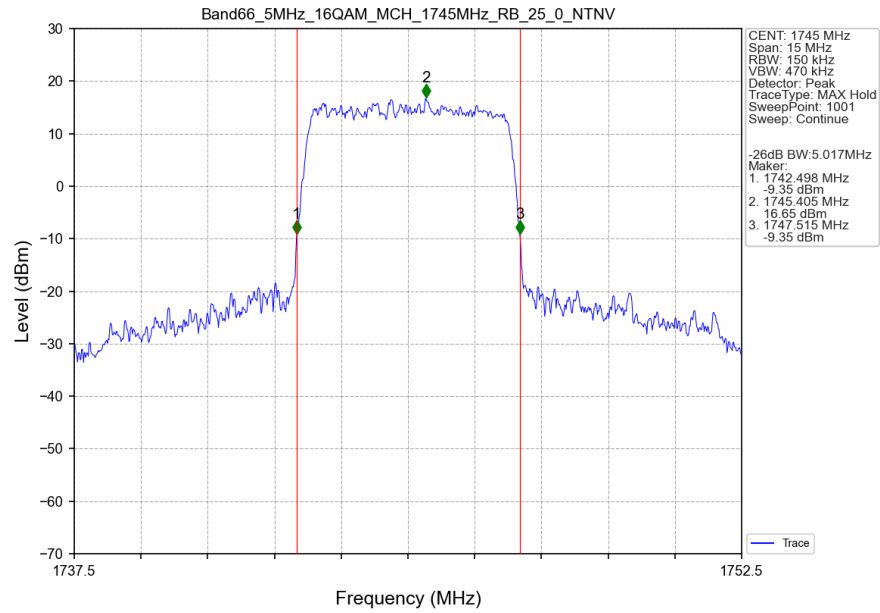
Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTNV



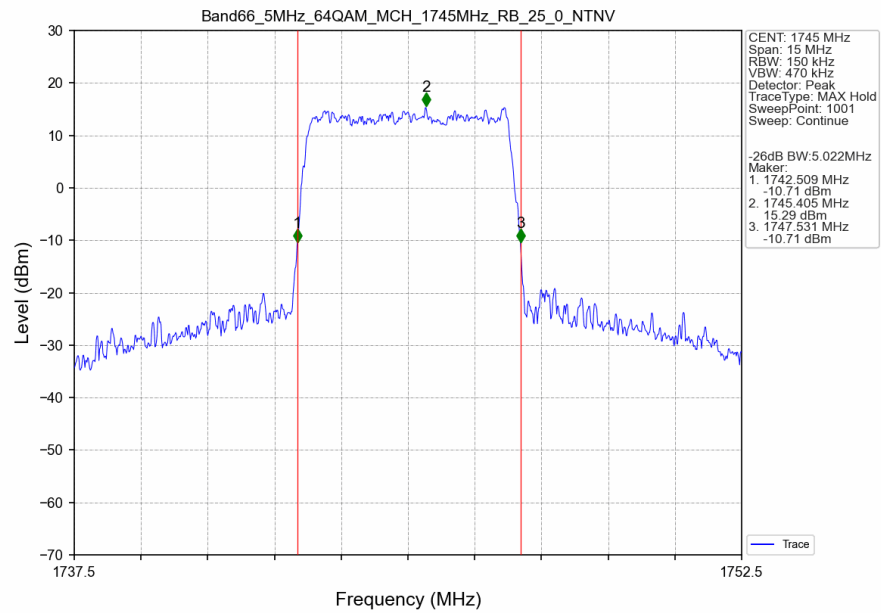
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTN



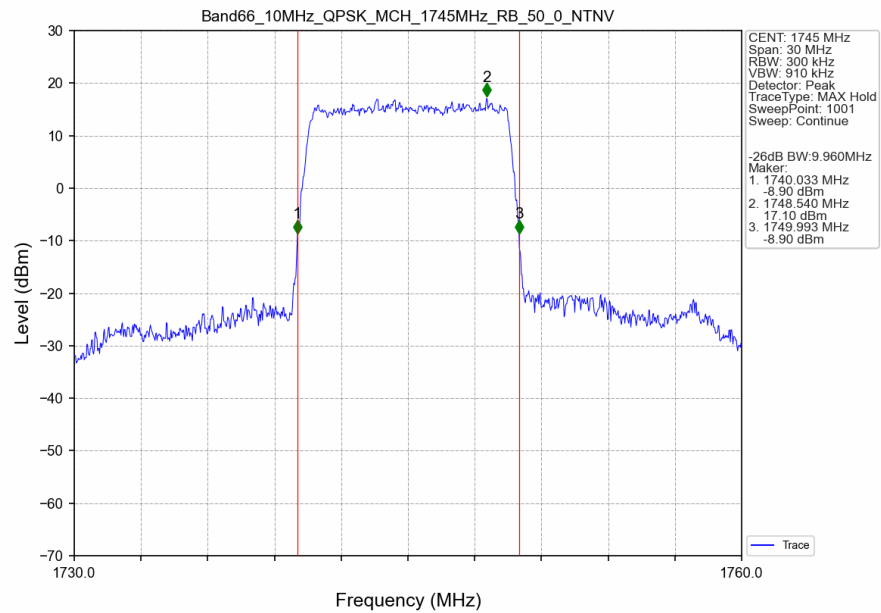
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTN



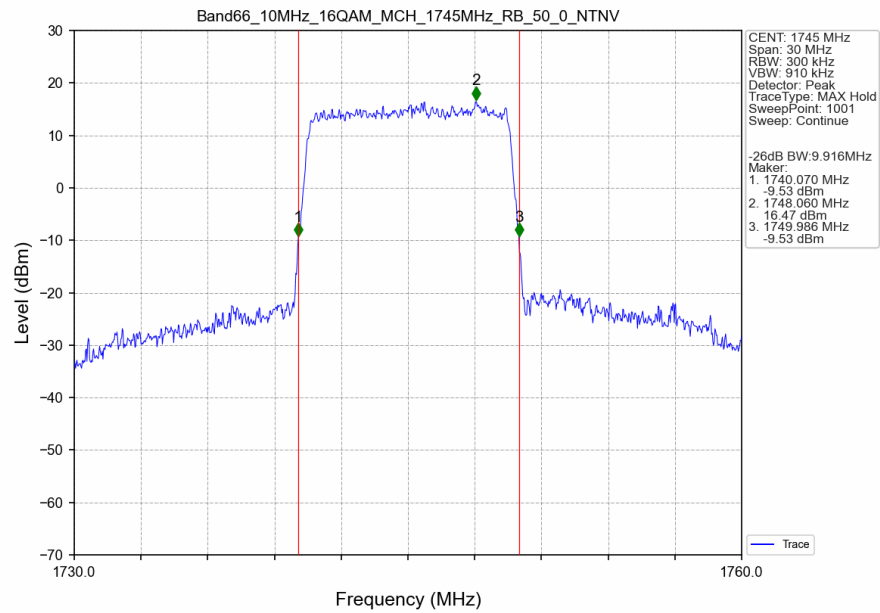
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



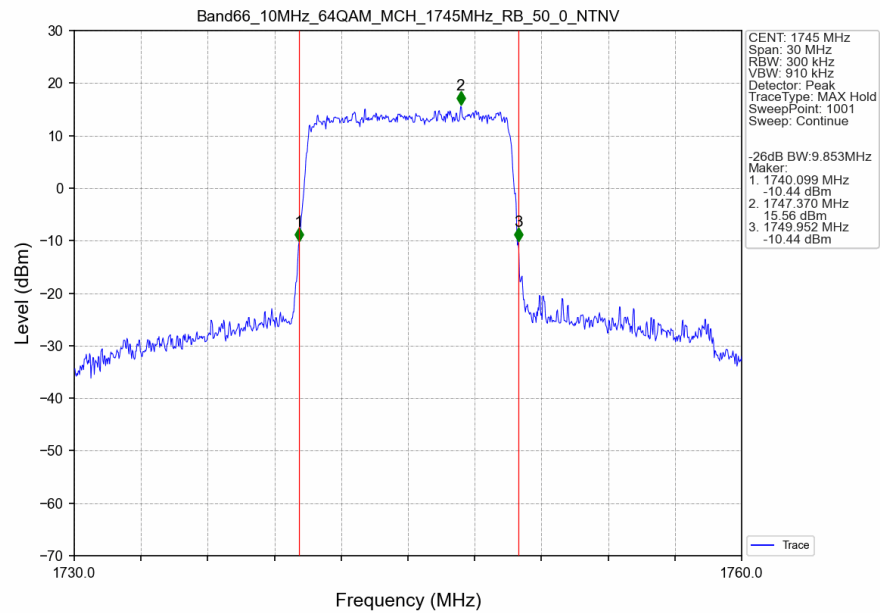
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



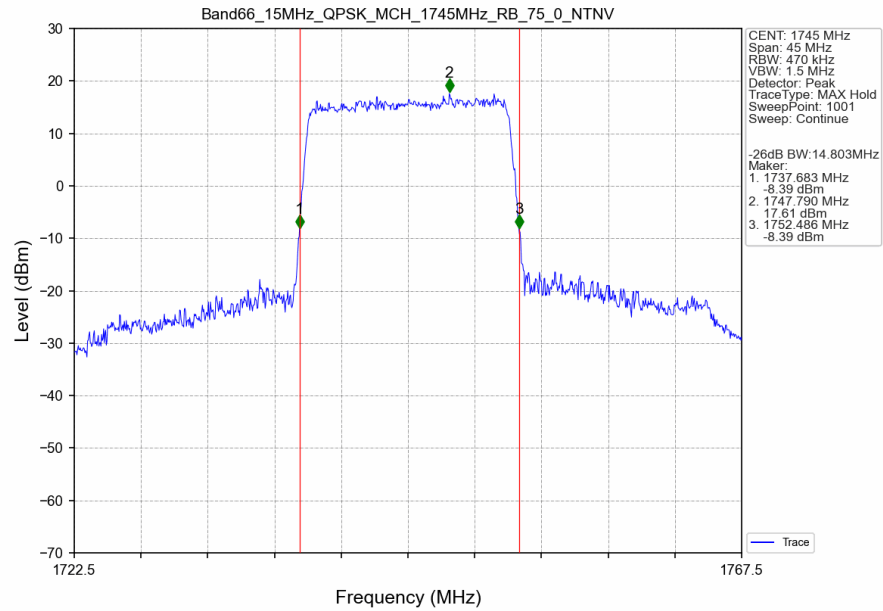
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



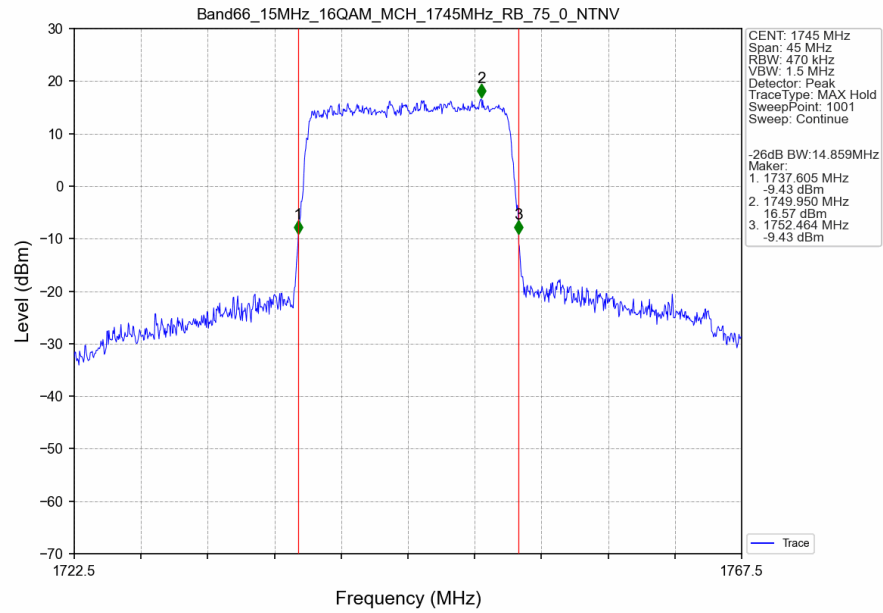
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



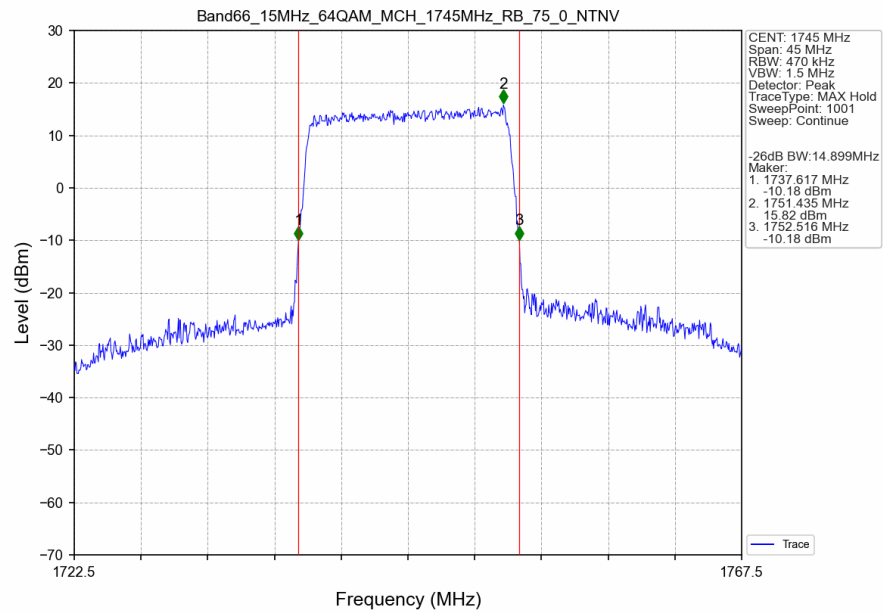
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



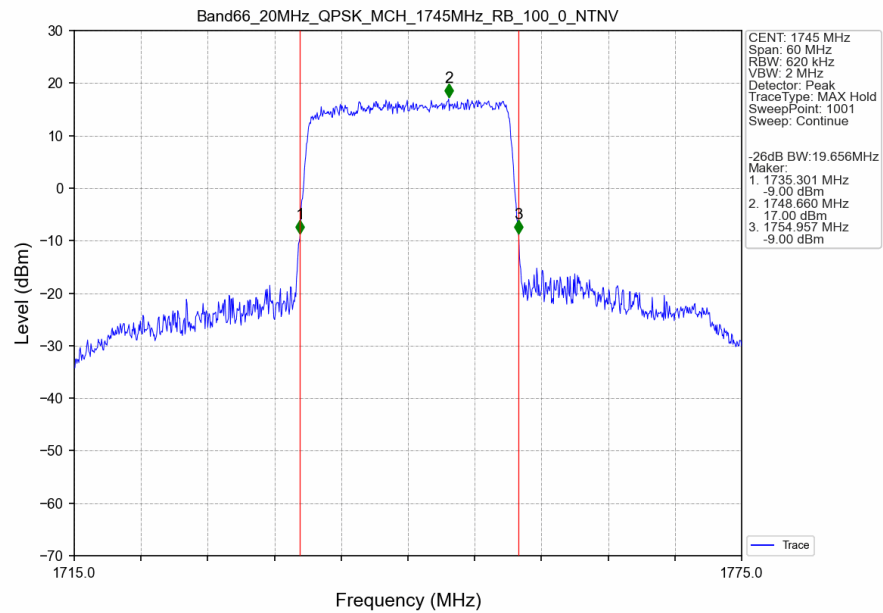
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



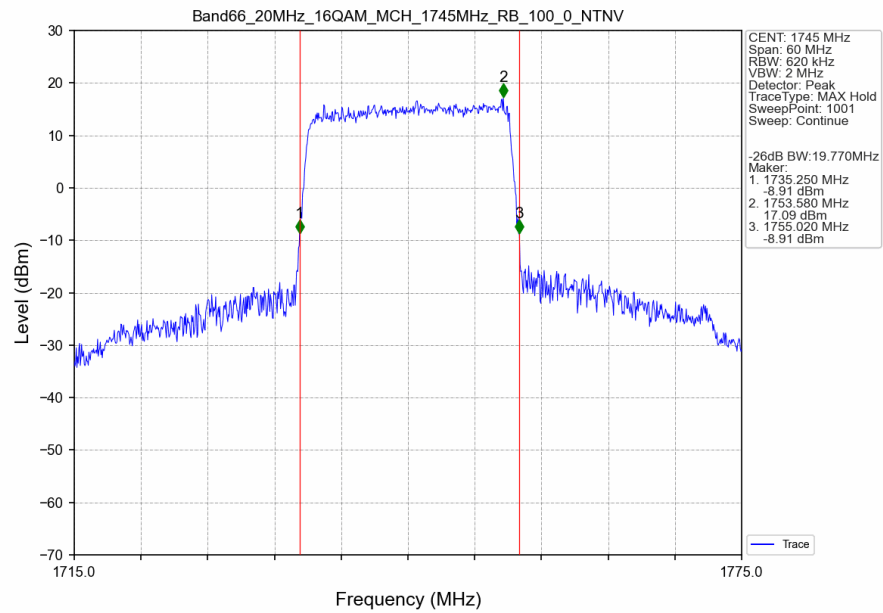
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



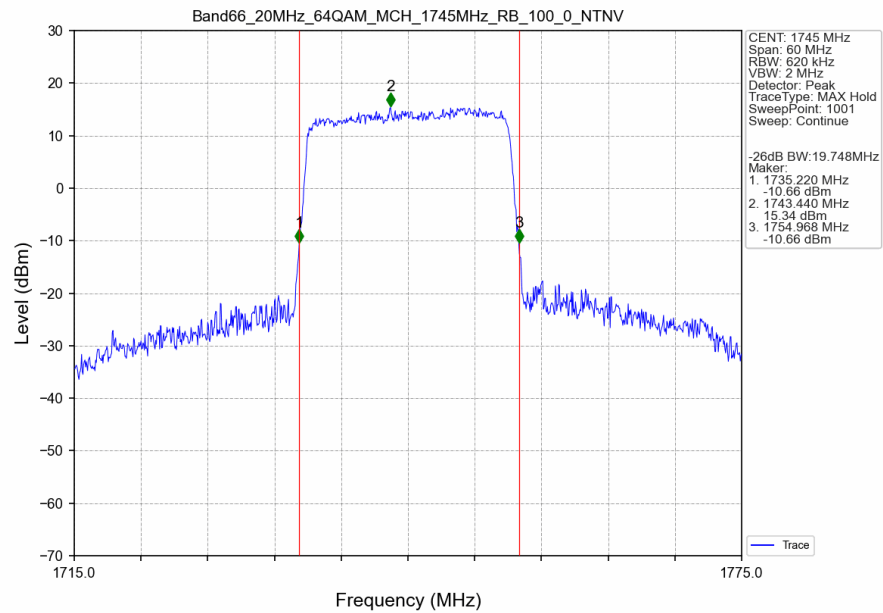
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

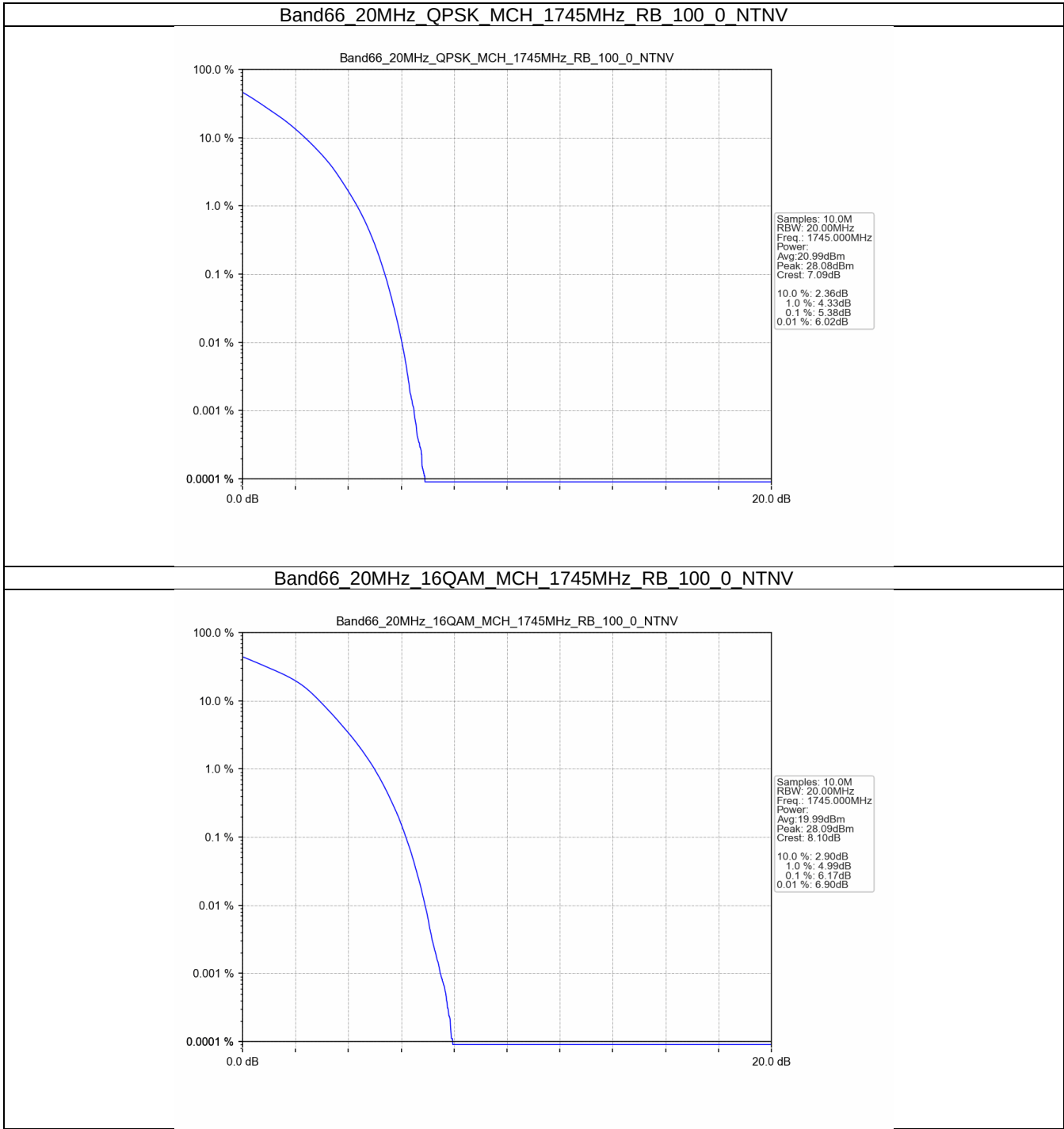
4.1 Test Result

4.1.1 B66_20MHz

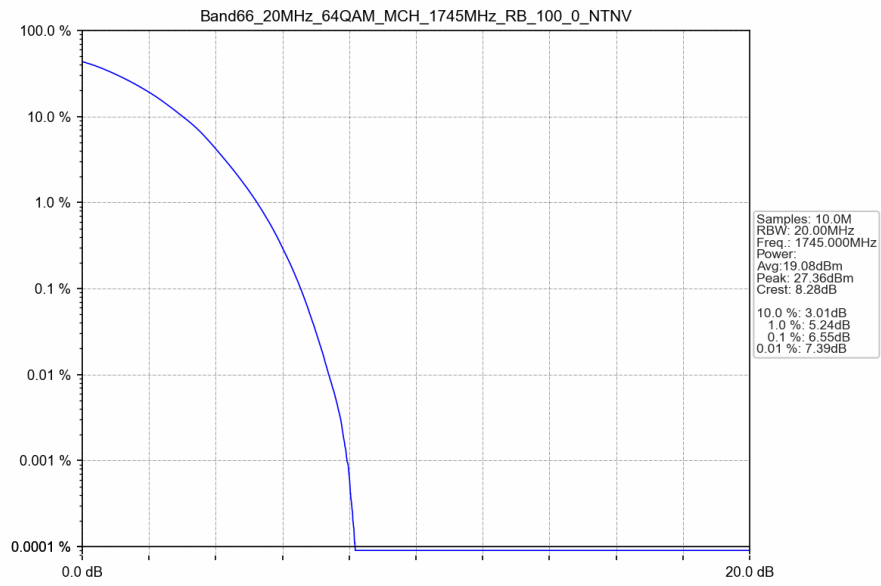
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.38	<=13	Pass
16QAM	1745	100	0	6.17	<=13	Pass
64QAM	1745	100	0	6.55	<=13	Pass

4.2 Test Graph

4.2.1 B66_20MHz



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



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 / NTNV						
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 / NTNV						
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

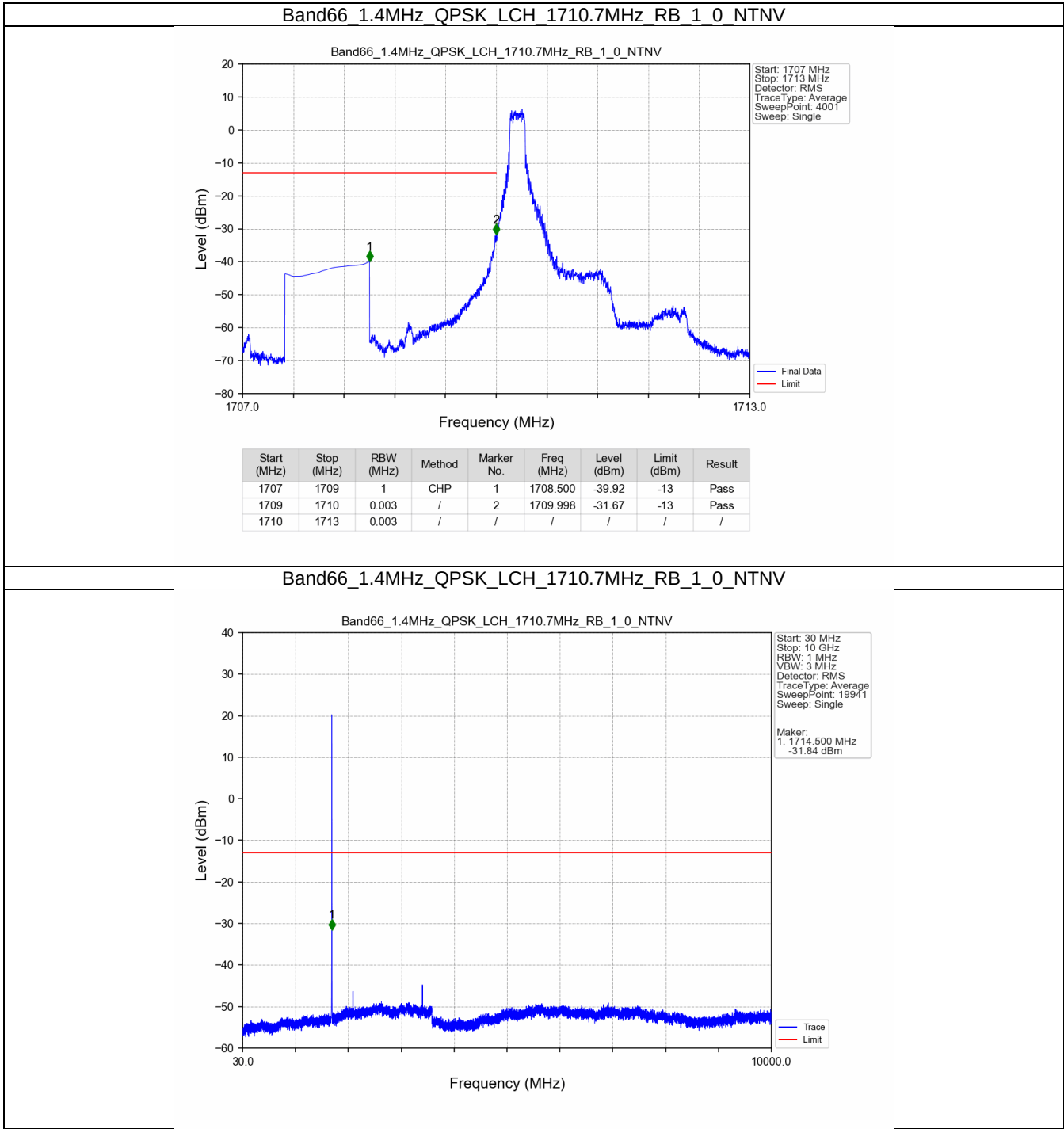
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

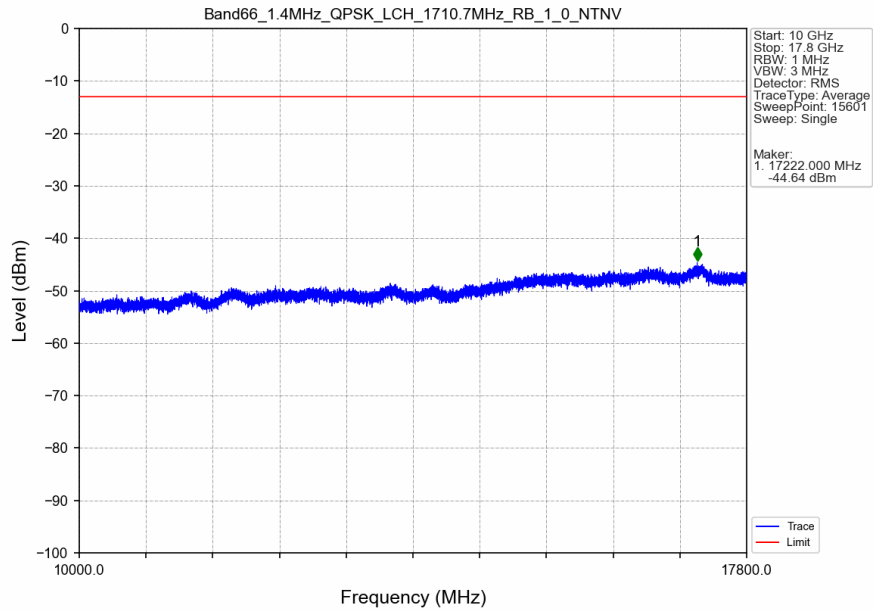
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

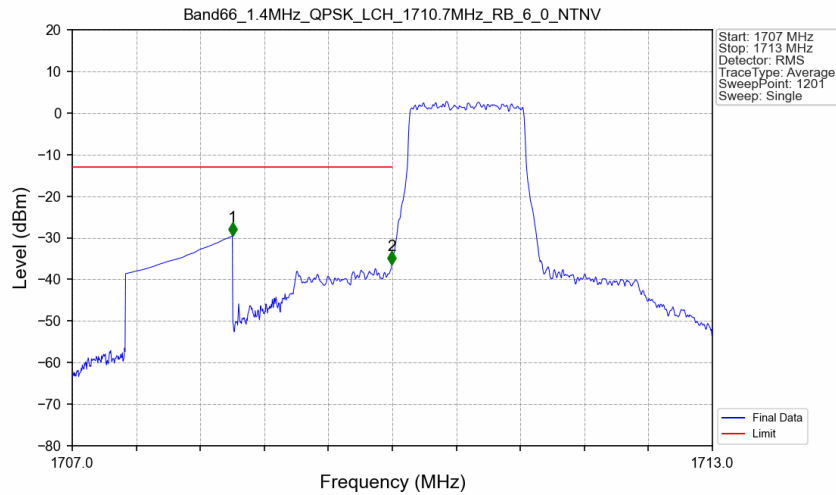
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

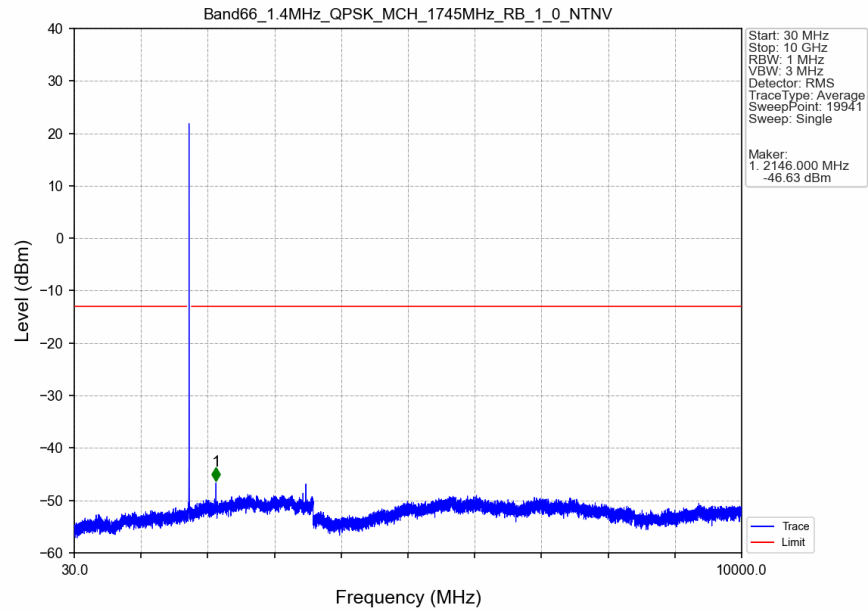


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

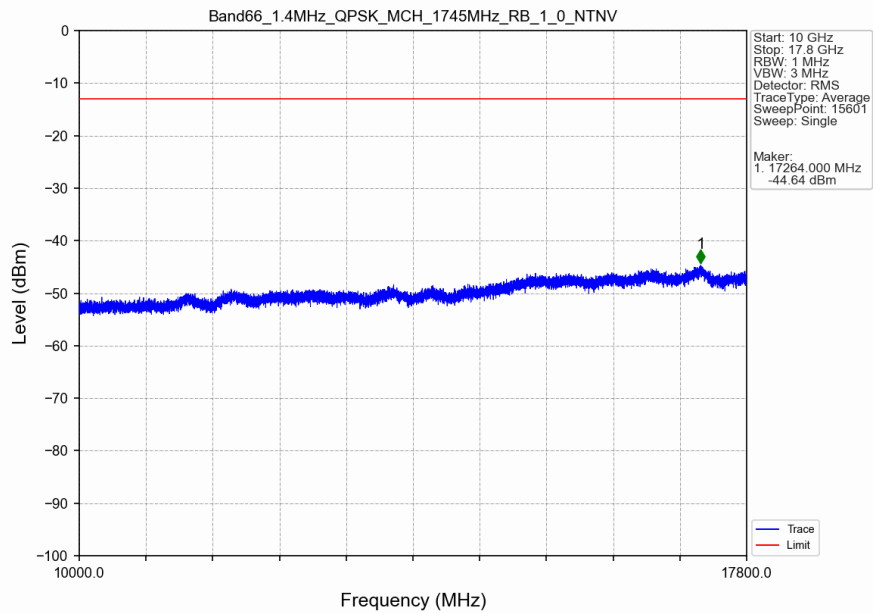


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.55	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-36.40	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

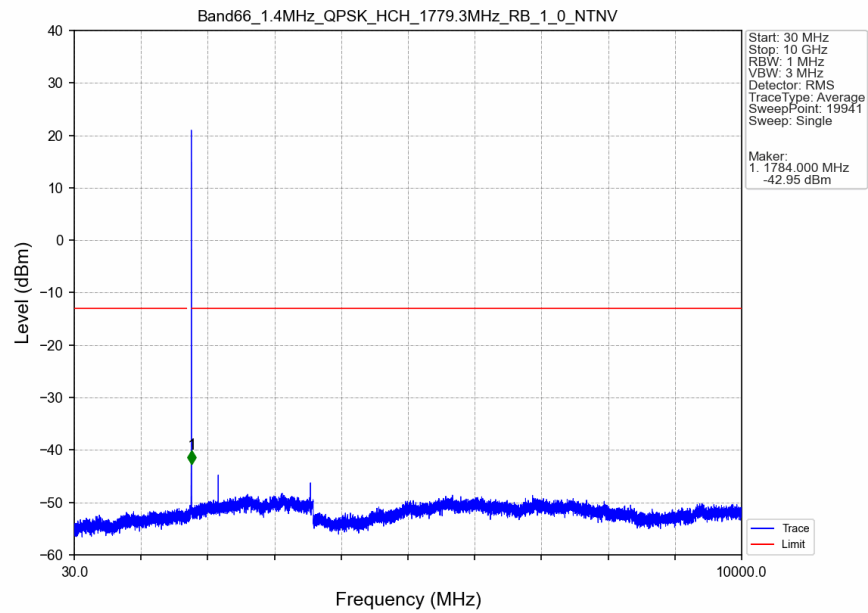
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



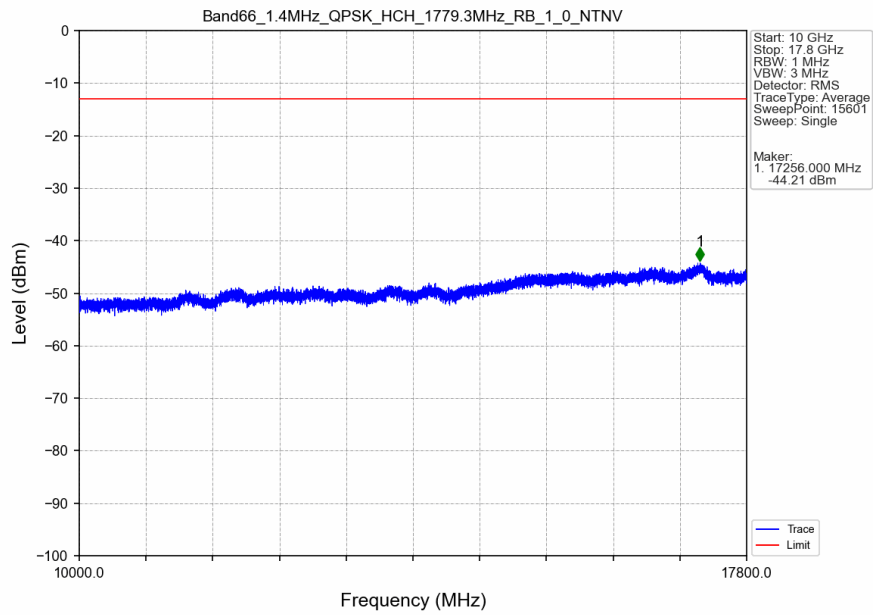
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



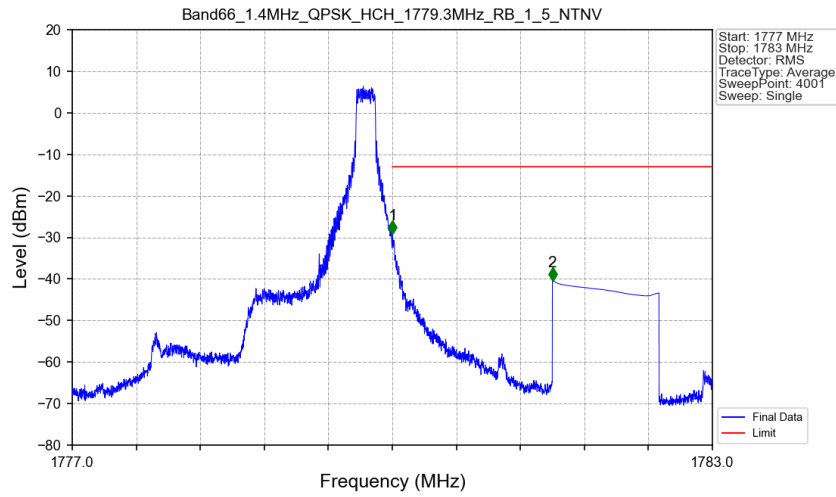
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

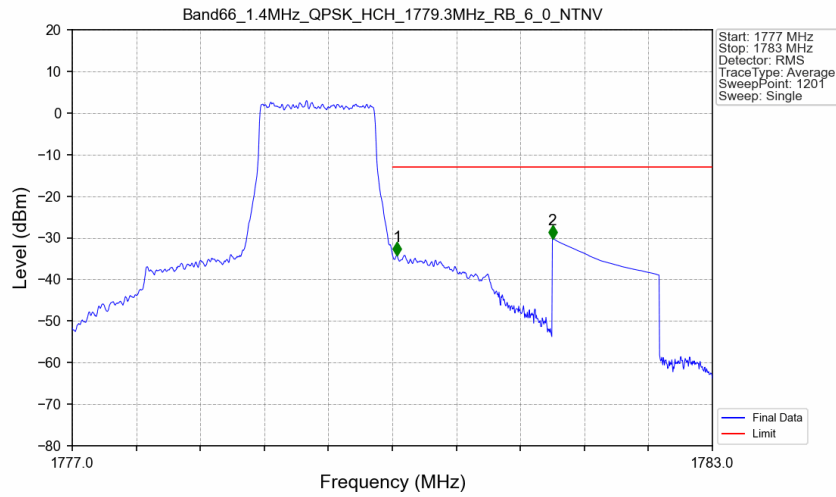


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



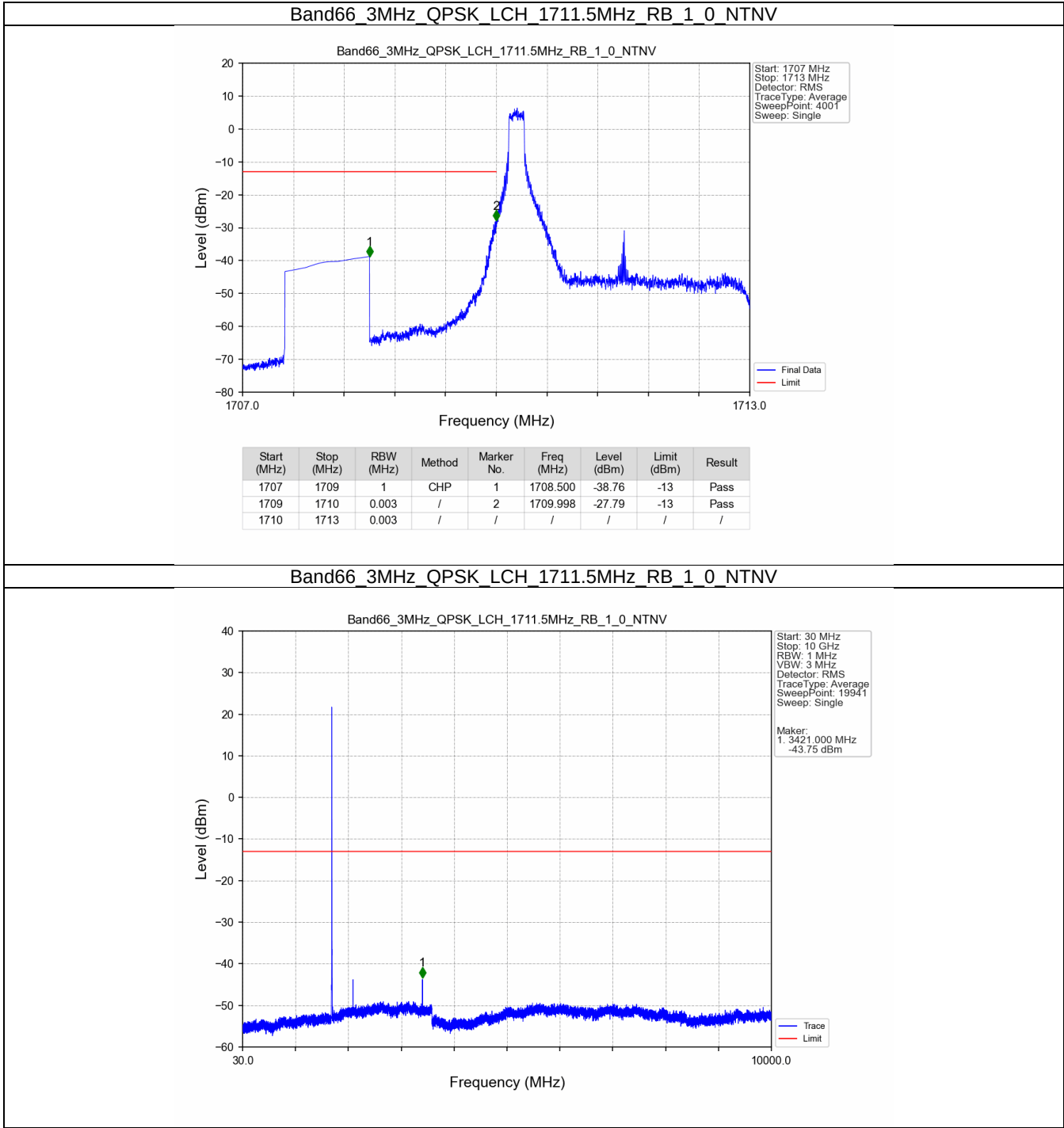
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-29.19	-13	Pass
1781	1783	1	CHP	2	1781.500	-40.36	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

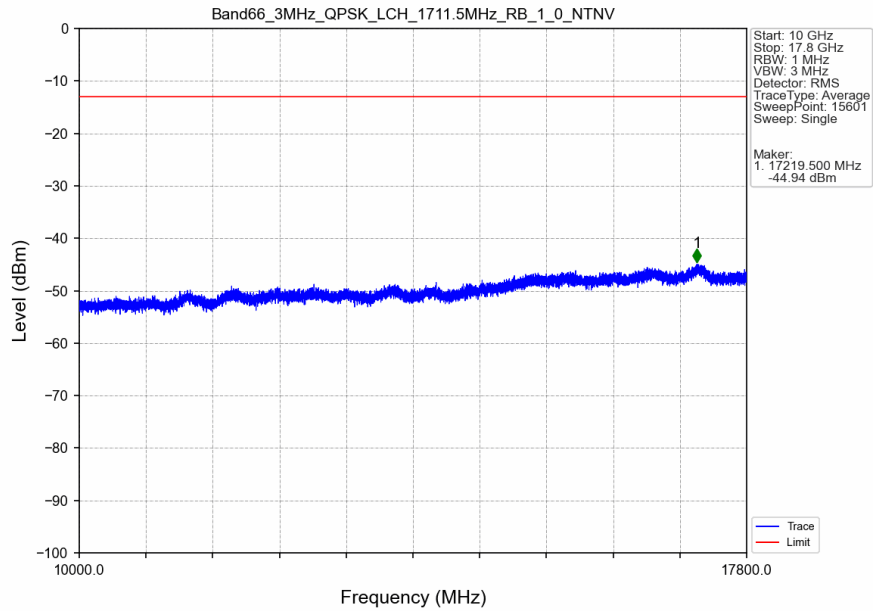


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.045	-34.24	-13	Pass
1781	1783	1	CHP	2	1781.500	-30.14	-13	Pass

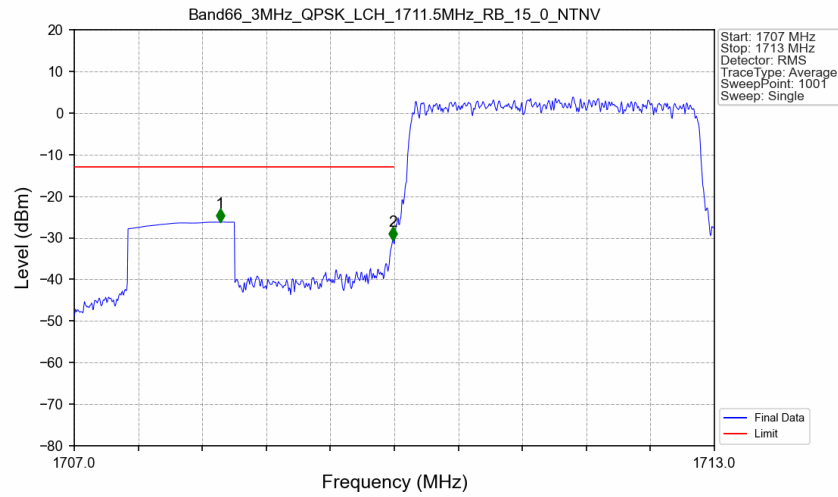
5.2.2 B66_3MHz



Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTV

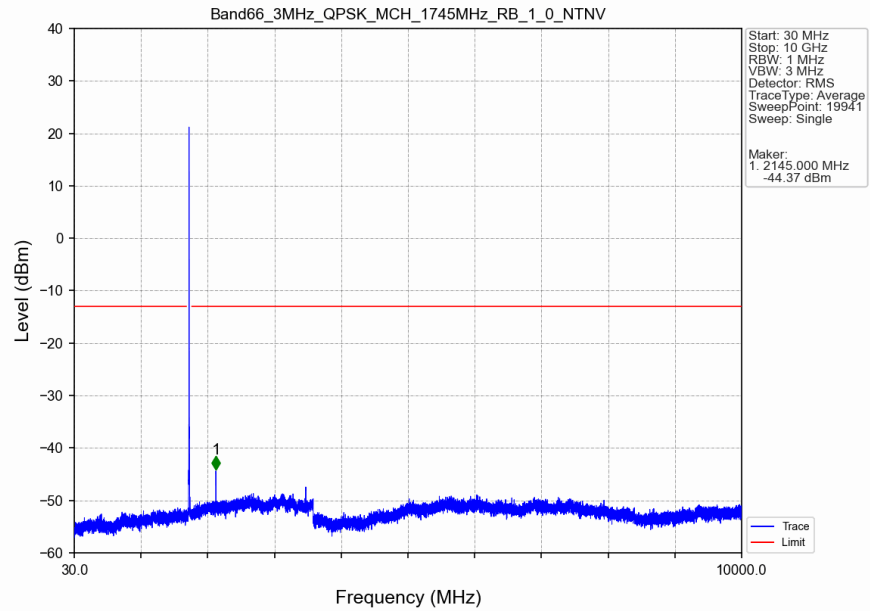


Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV

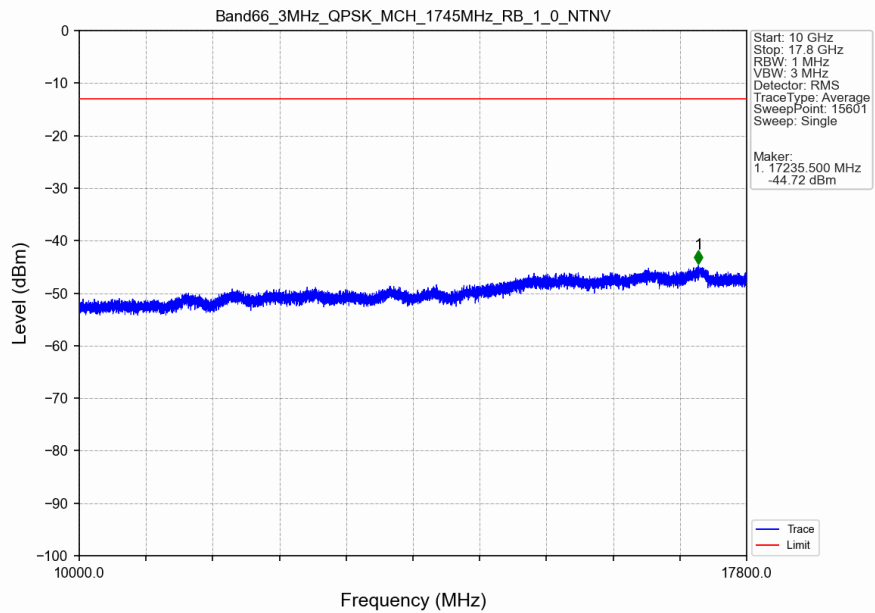


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.368	-26.22	-13	Pass
1709	1710	0.03	/	2	1709.988	-30.50	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

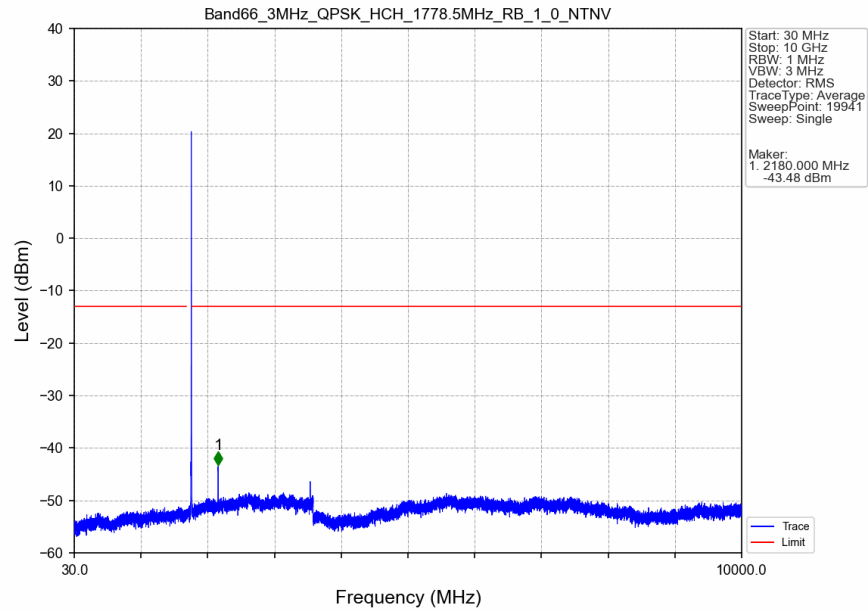
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



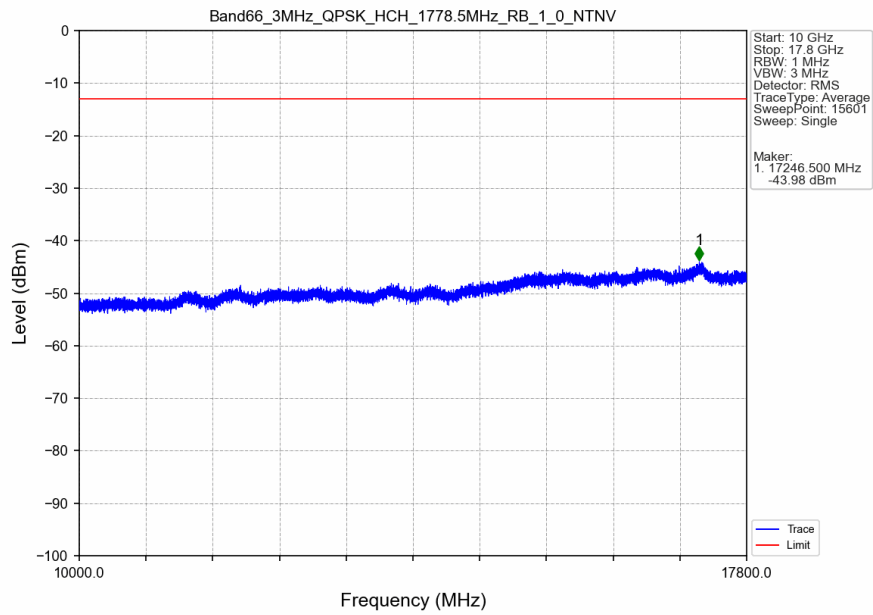
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



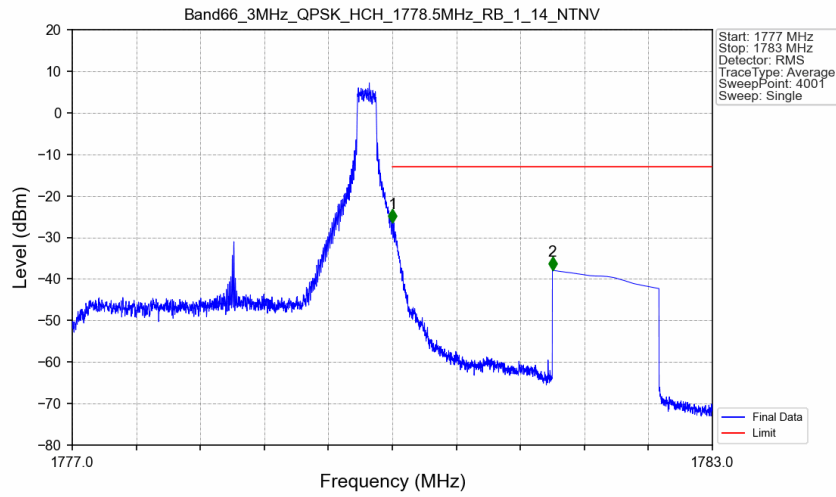
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV

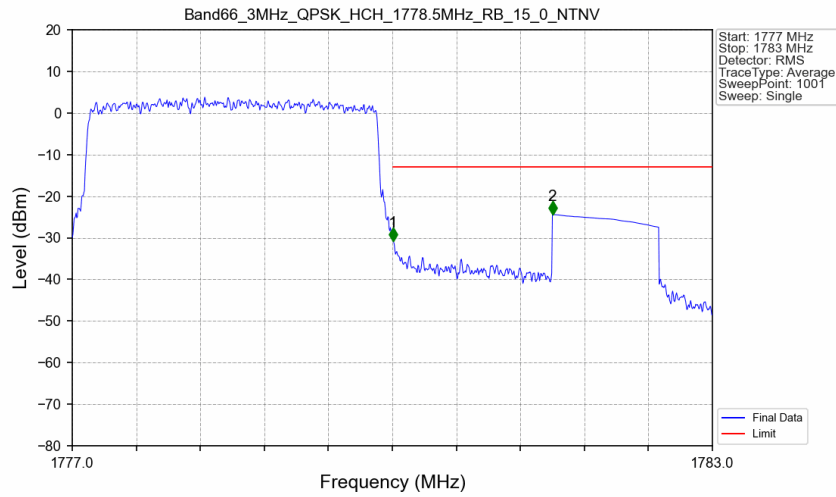


Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTNV



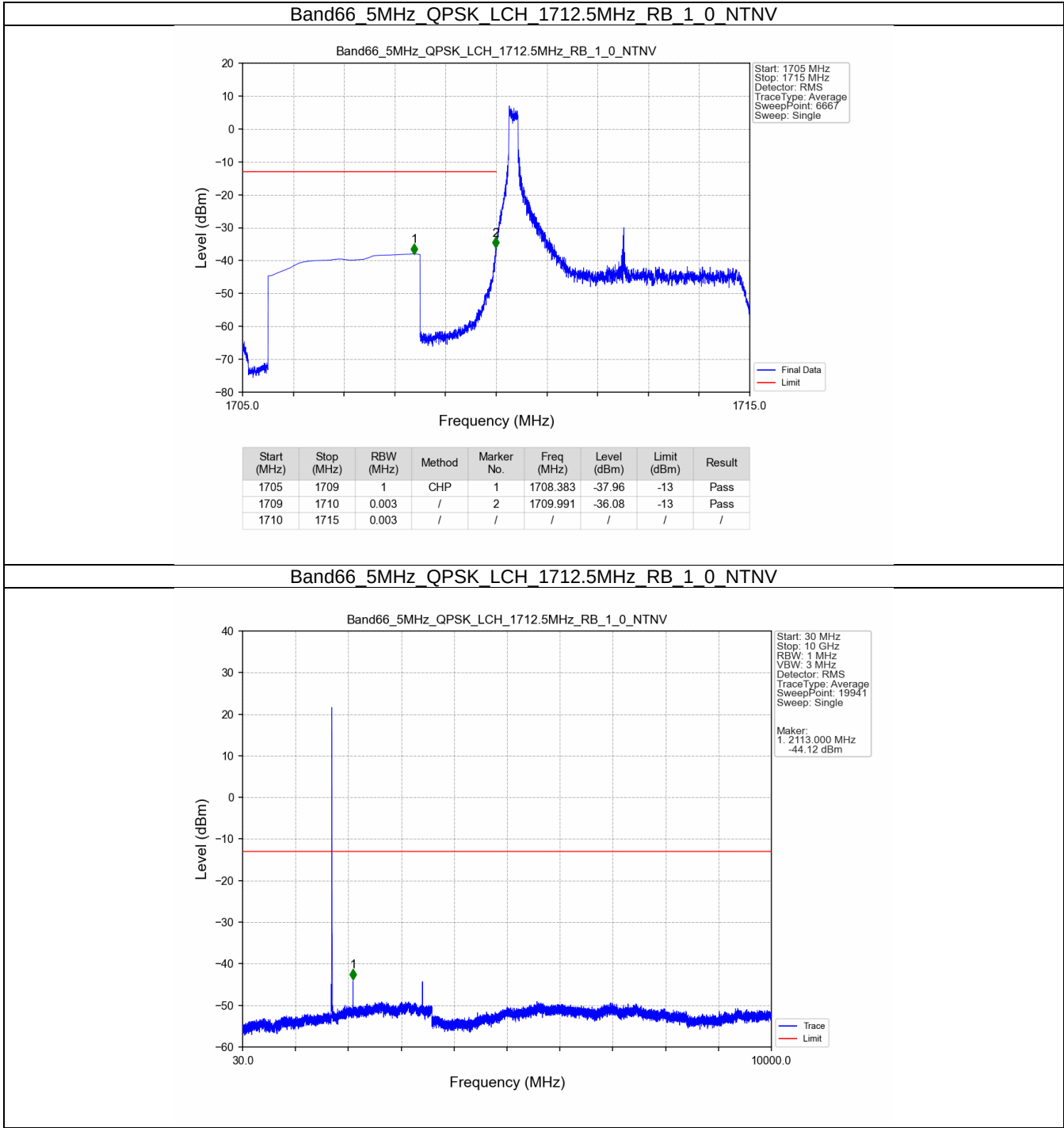
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-26.45	-13	Pass
1781	1783	1	CHP	2	1781.500	-37.88	-13	Pass

Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV

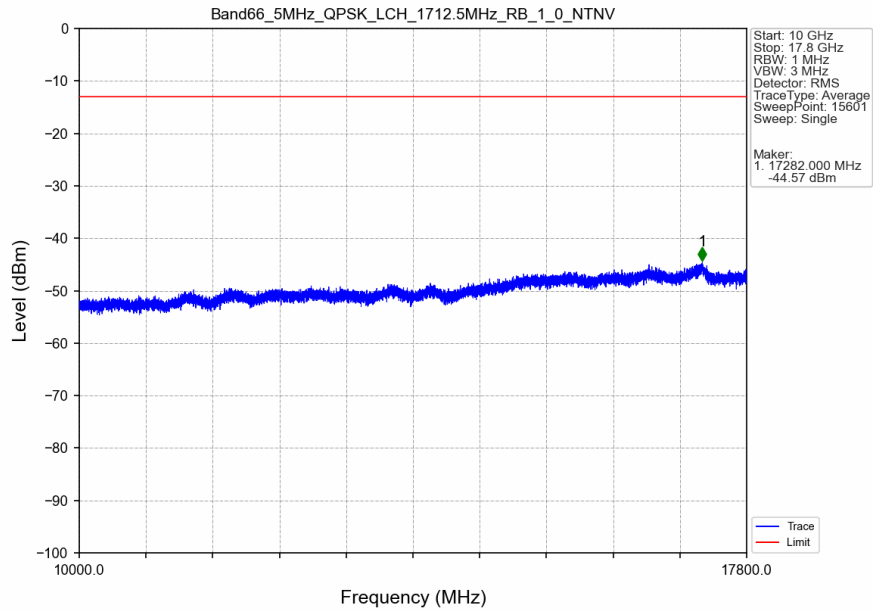


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-30.81	-13	Pass
1781	1783	1	CHP	2	1781.500	-24.41	-13	Pass

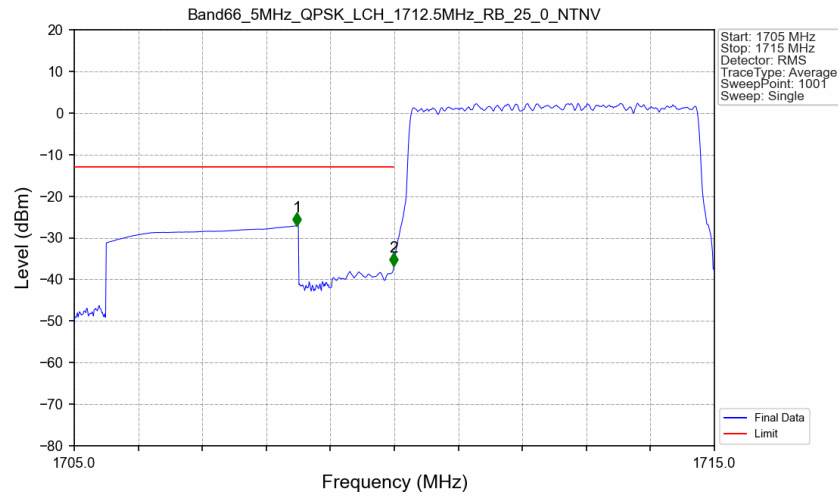
5.2.3 B66_5MHz



Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

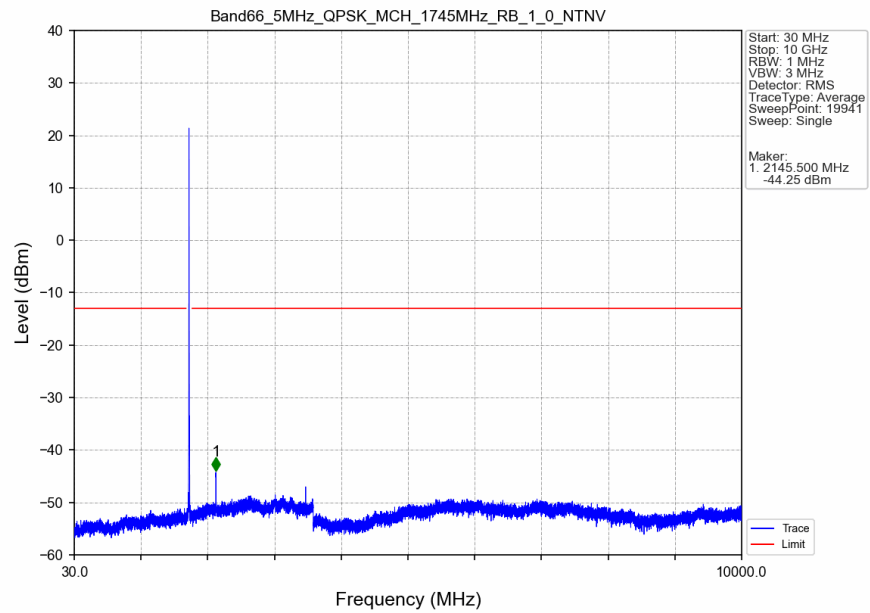


Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

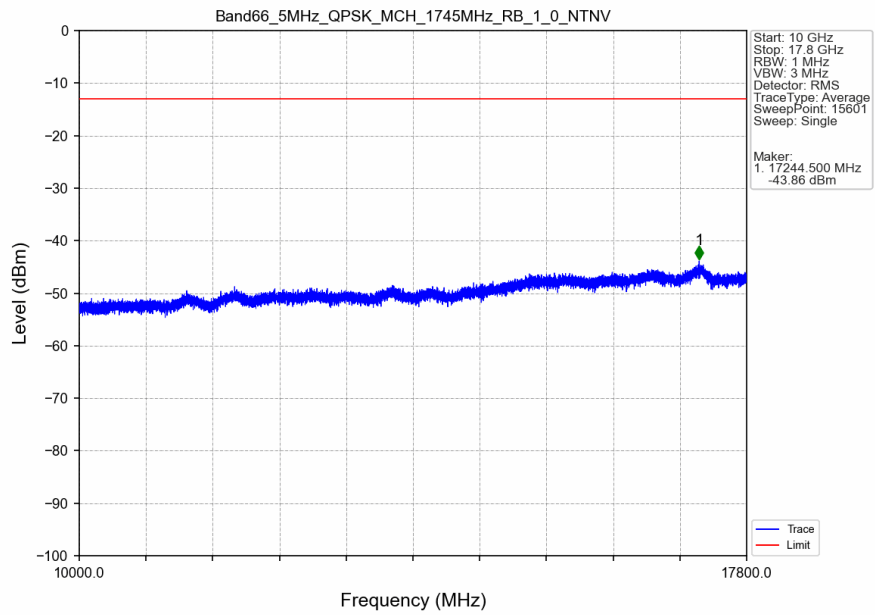


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-27.14	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-36.85	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

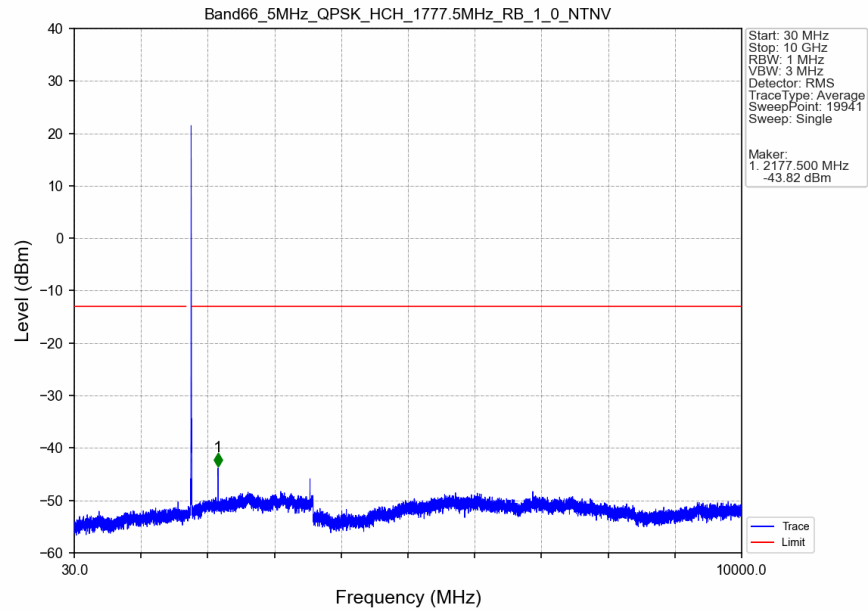
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



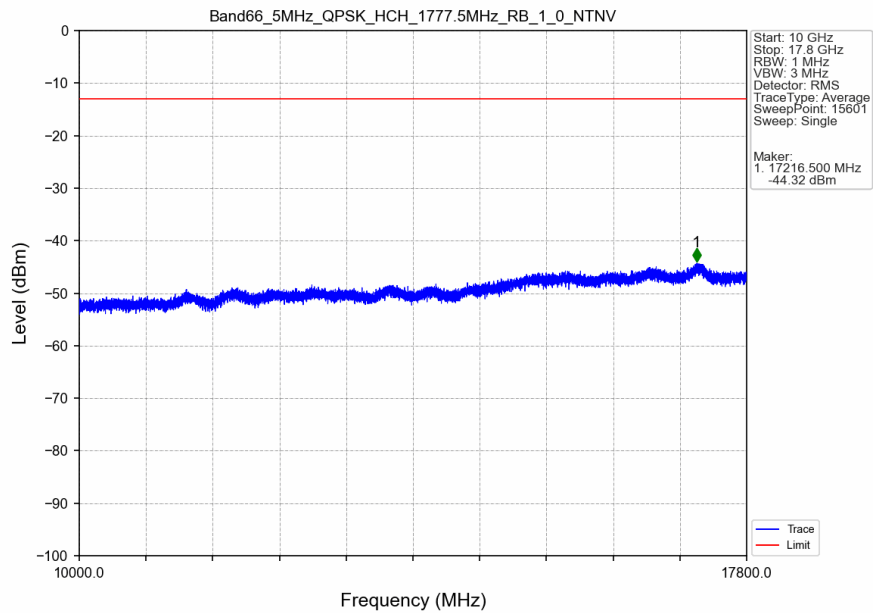
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



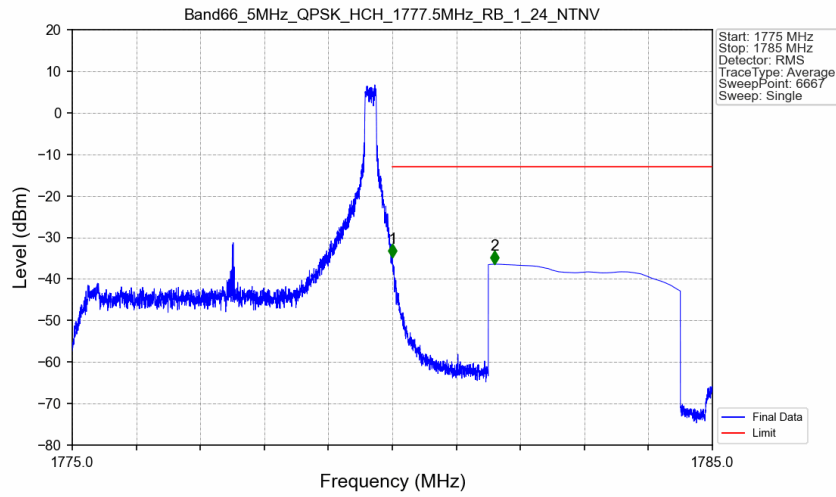
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV

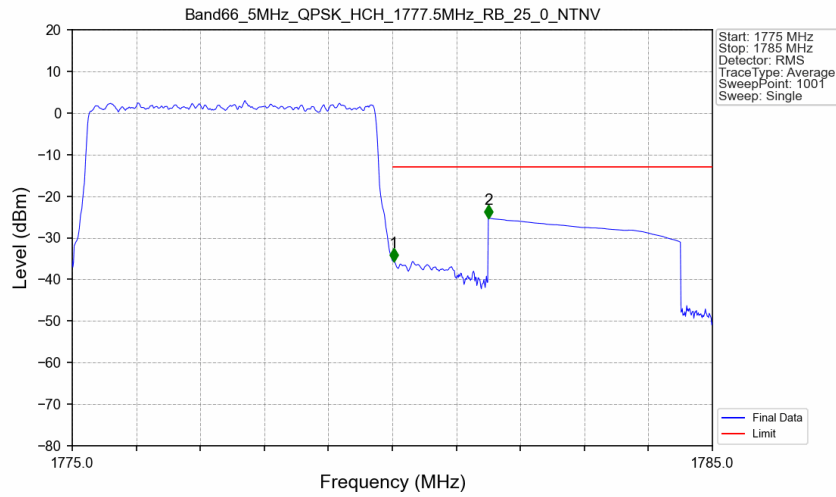


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTNV



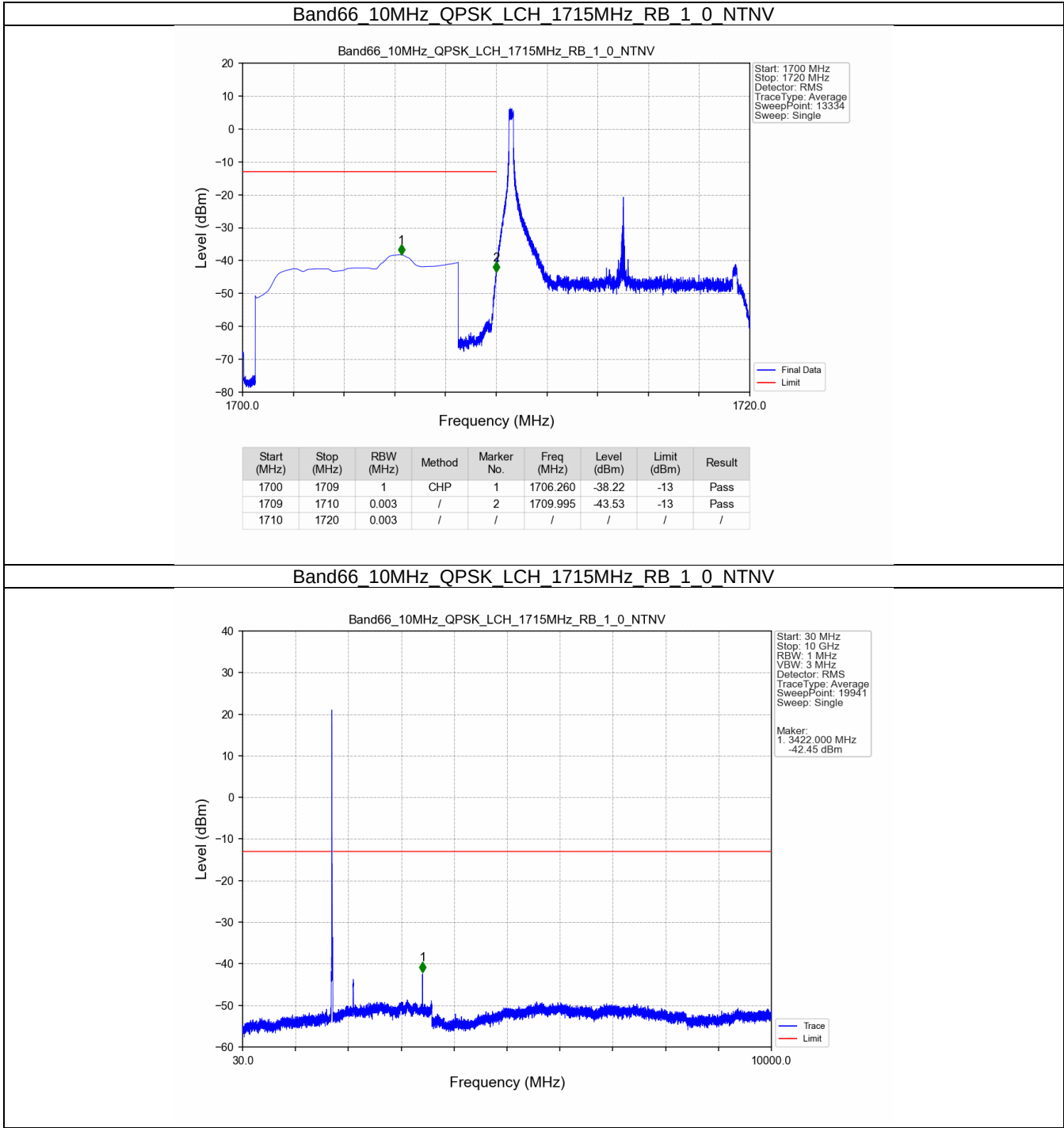
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-34.74	-13	Pass
1781	1785	1	CHP	2	1781.593	-36.44	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV

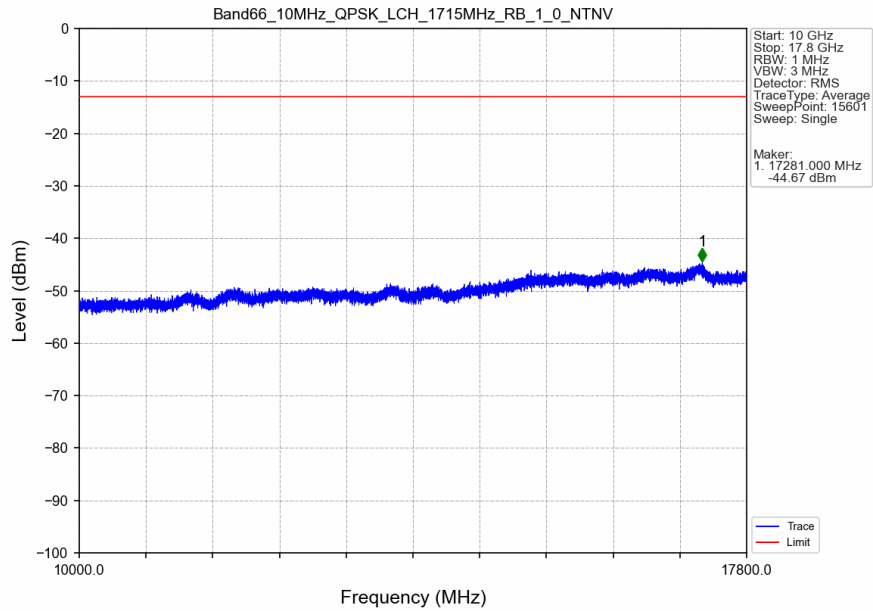


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.05	CHP	/	/	/	/	/
1780	1781	0.05	CHP	1	1780.020	-35.67	-13	Pass
1781	1785	1	CHP	2	1781.500	-25.27	-13	Pass

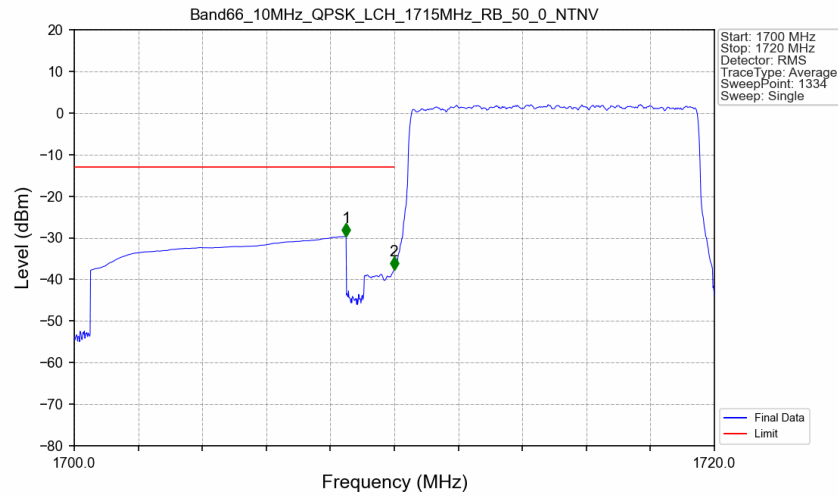
5.2.4 B66_10MHz



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

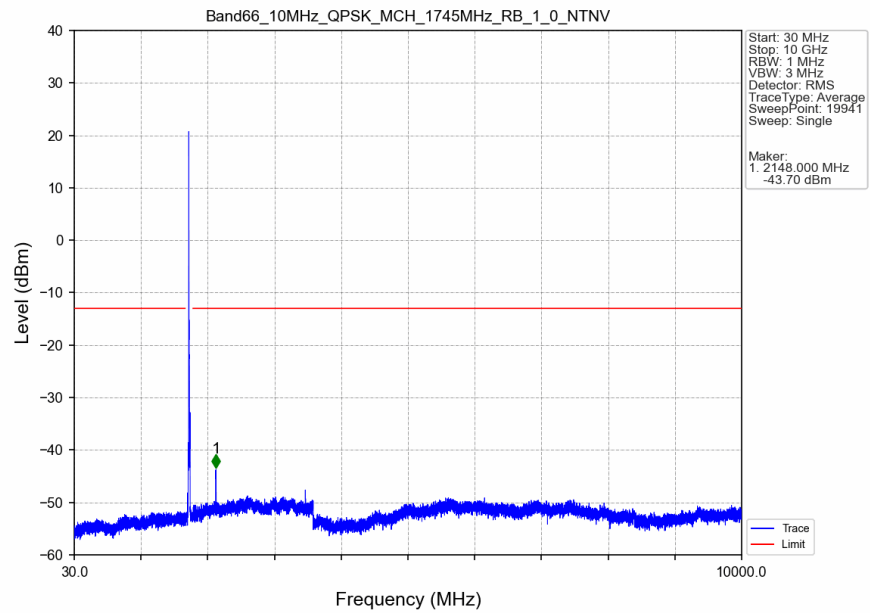


Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

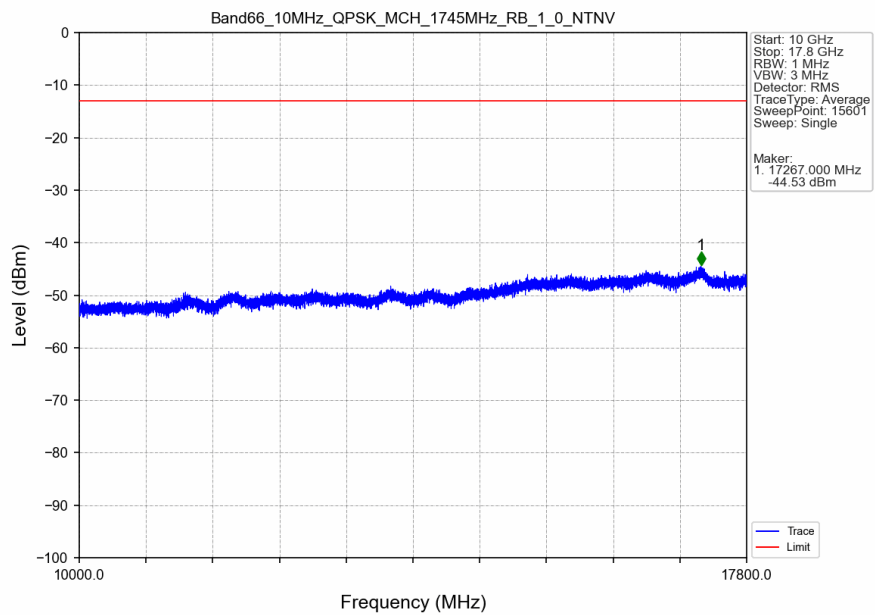


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-29.69	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-37.69	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

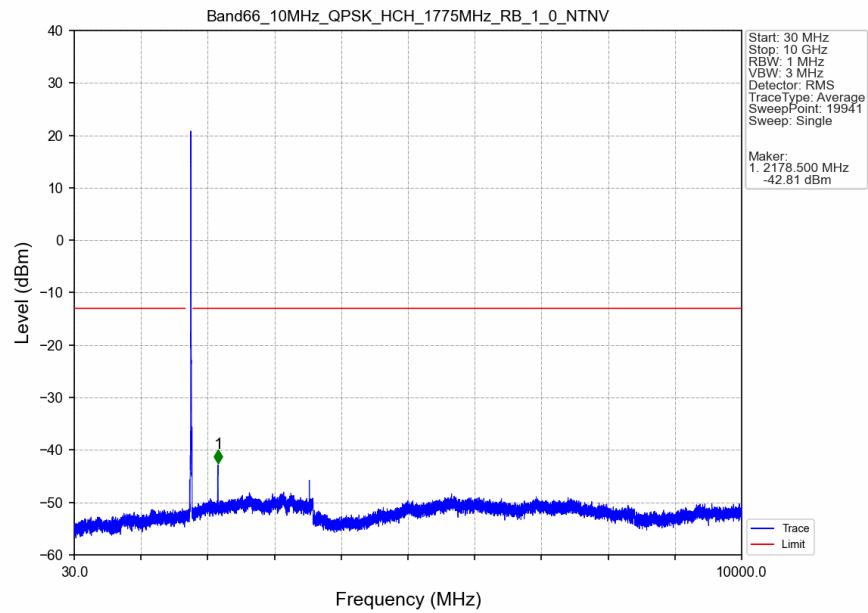
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



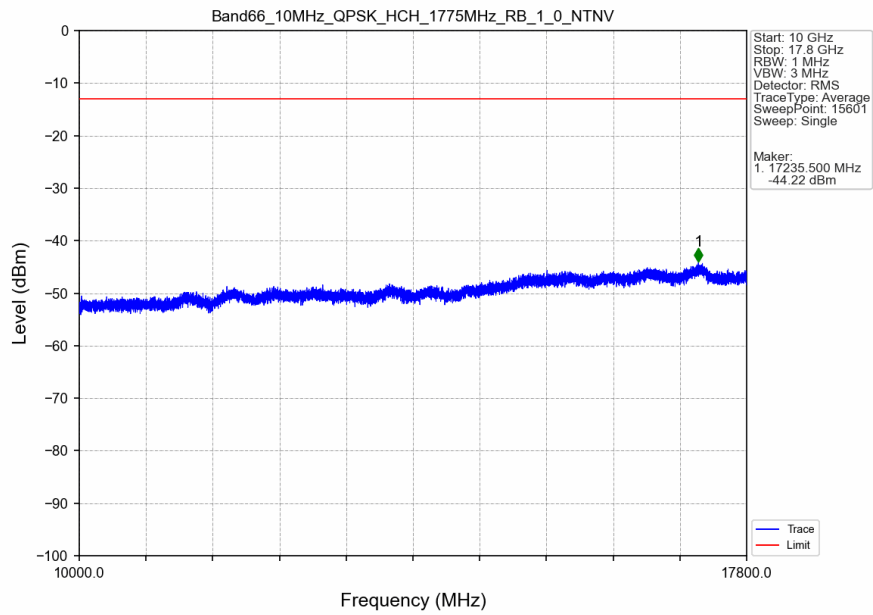
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



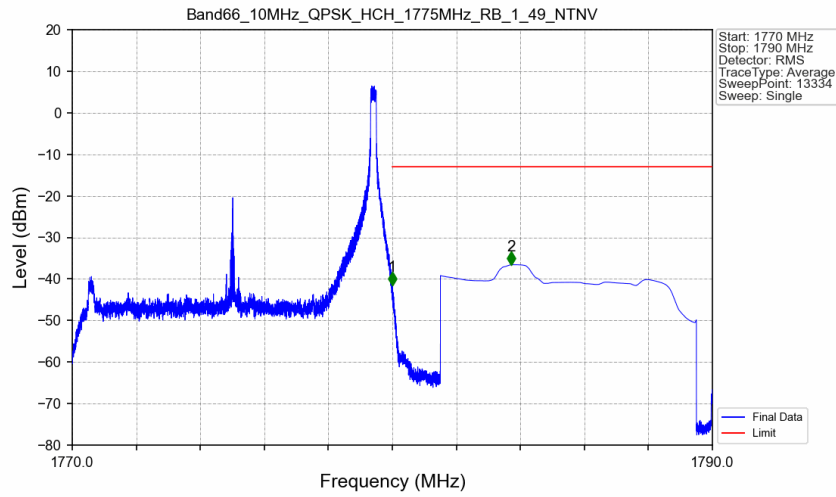
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV

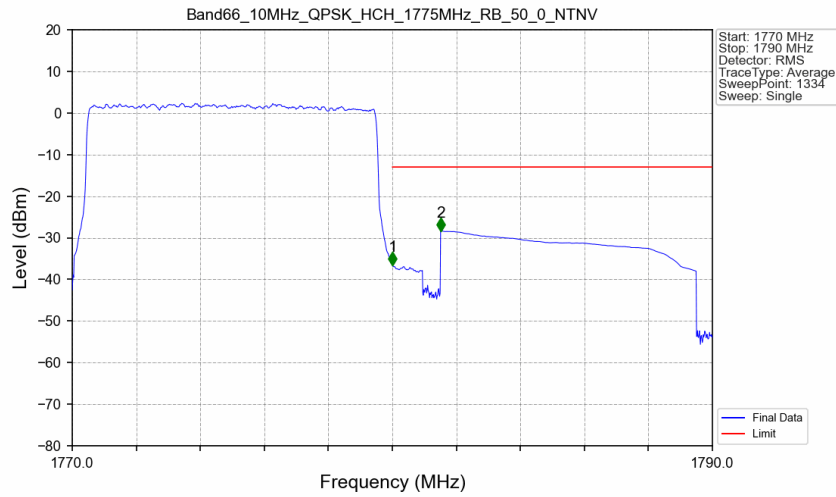


Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTV



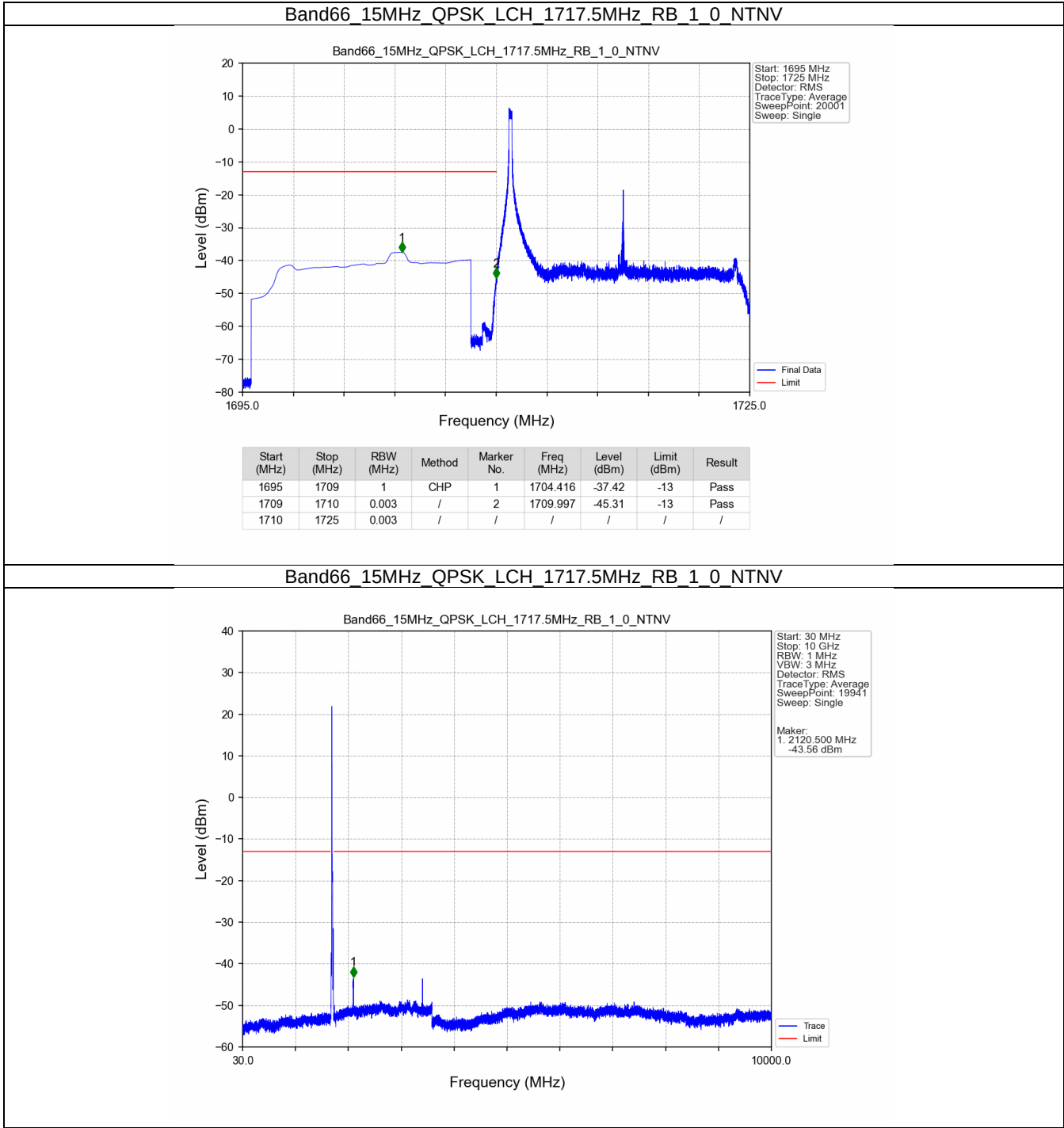
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.001	-41.45	-13	Pass
1781	1790	1	CHP	2	1783.721	-36.56	-13	Pass

Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV

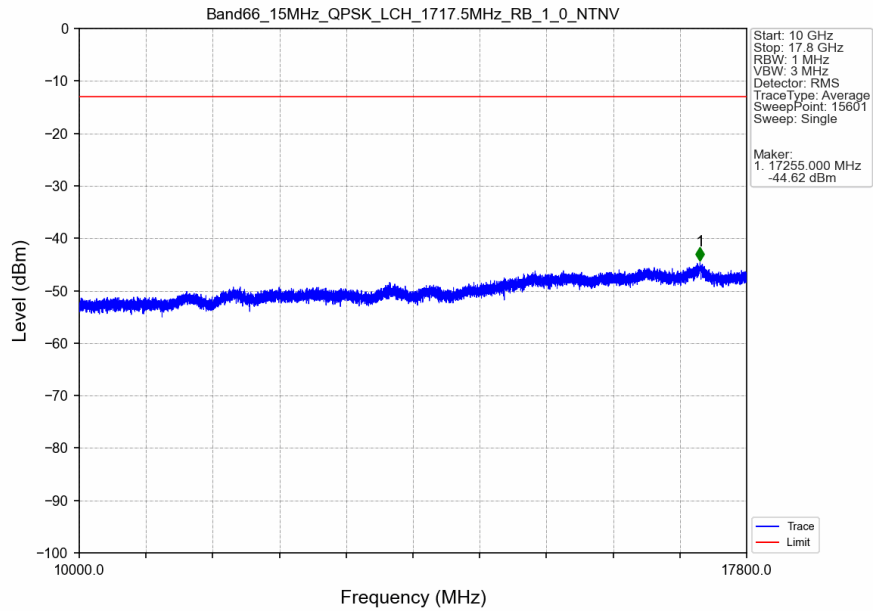


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.099	CHP	/	/	/	/	/
1780	1781	0.099	CHP	1	1780.008	-36.67	-13	Pass
1781	1790	1	CHP	2	1781.508	-28.33	-13	Pass

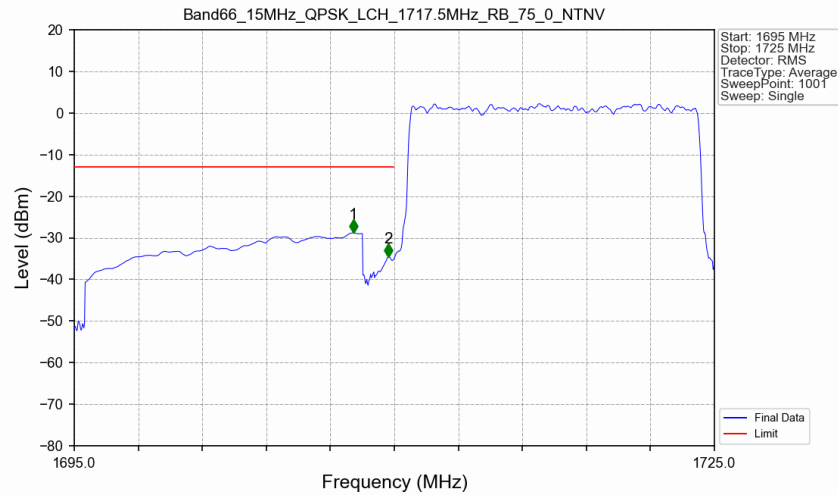
5.2.5 B66_15MHz



Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

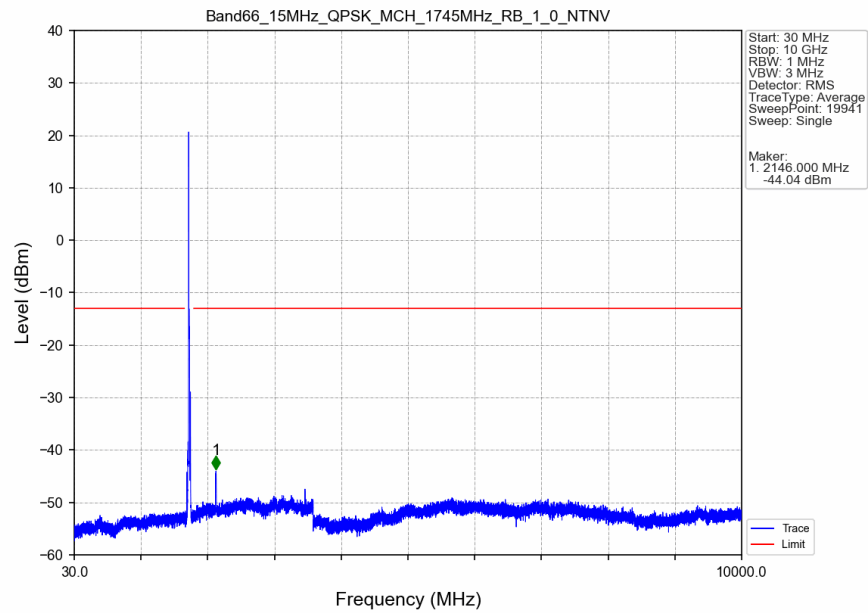


Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

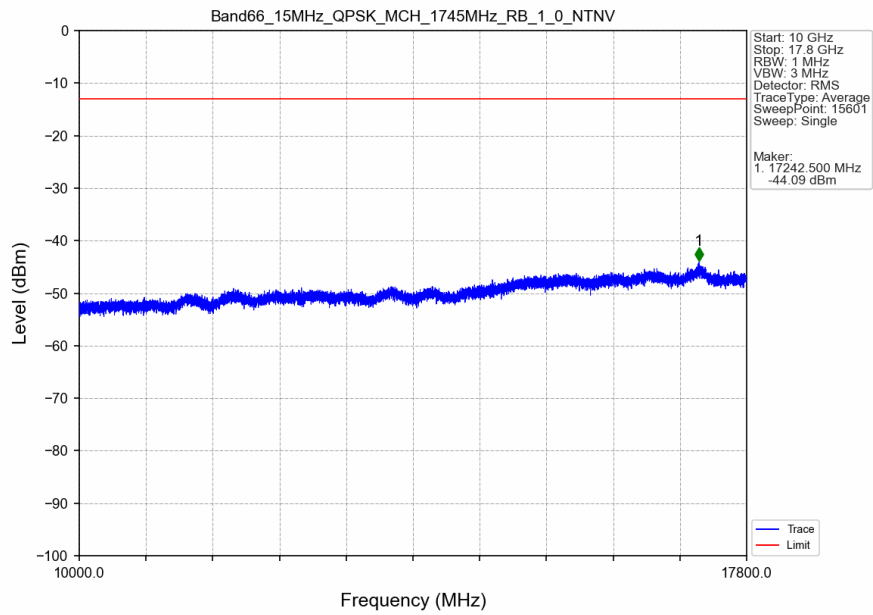


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.080	-28.81	-13	Pass
1709	1710	0.149	CHP	2	1709.730	-34.58	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

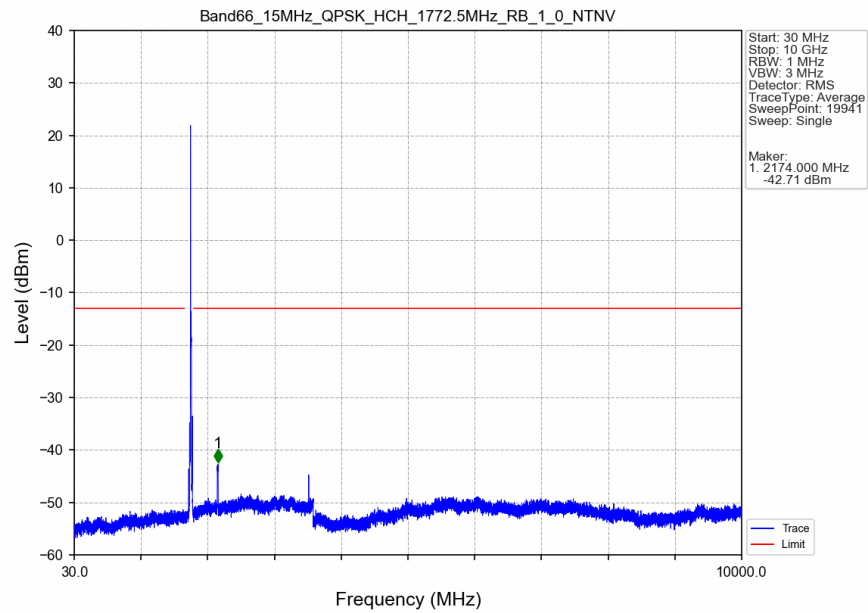
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



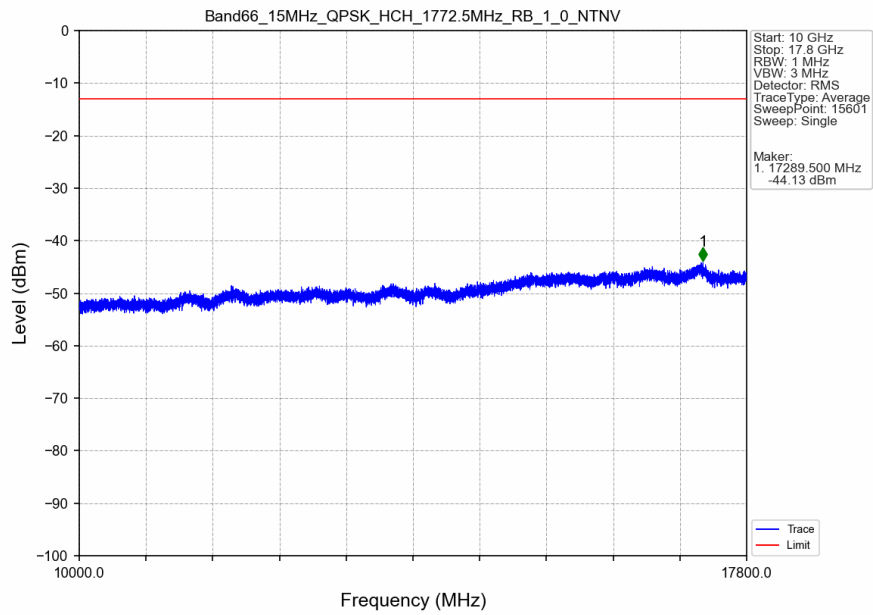
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



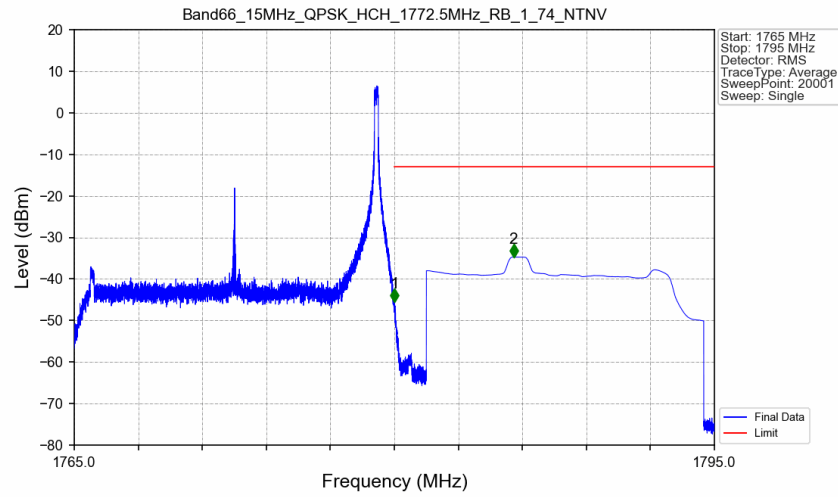
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV

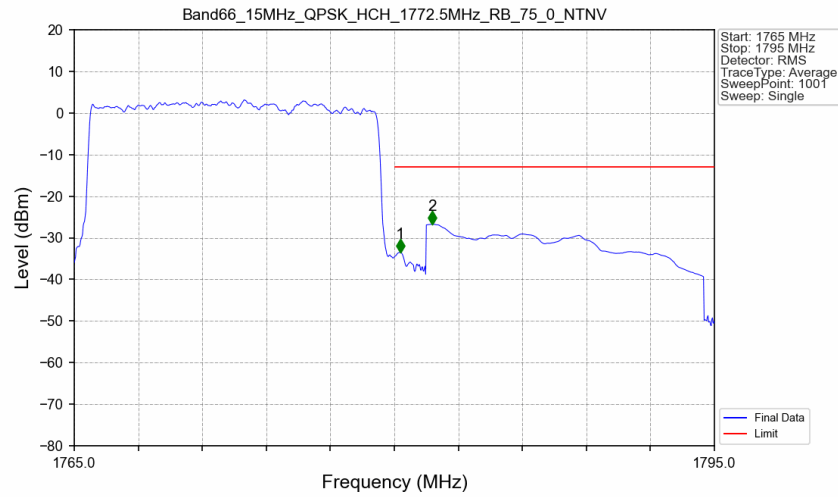


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



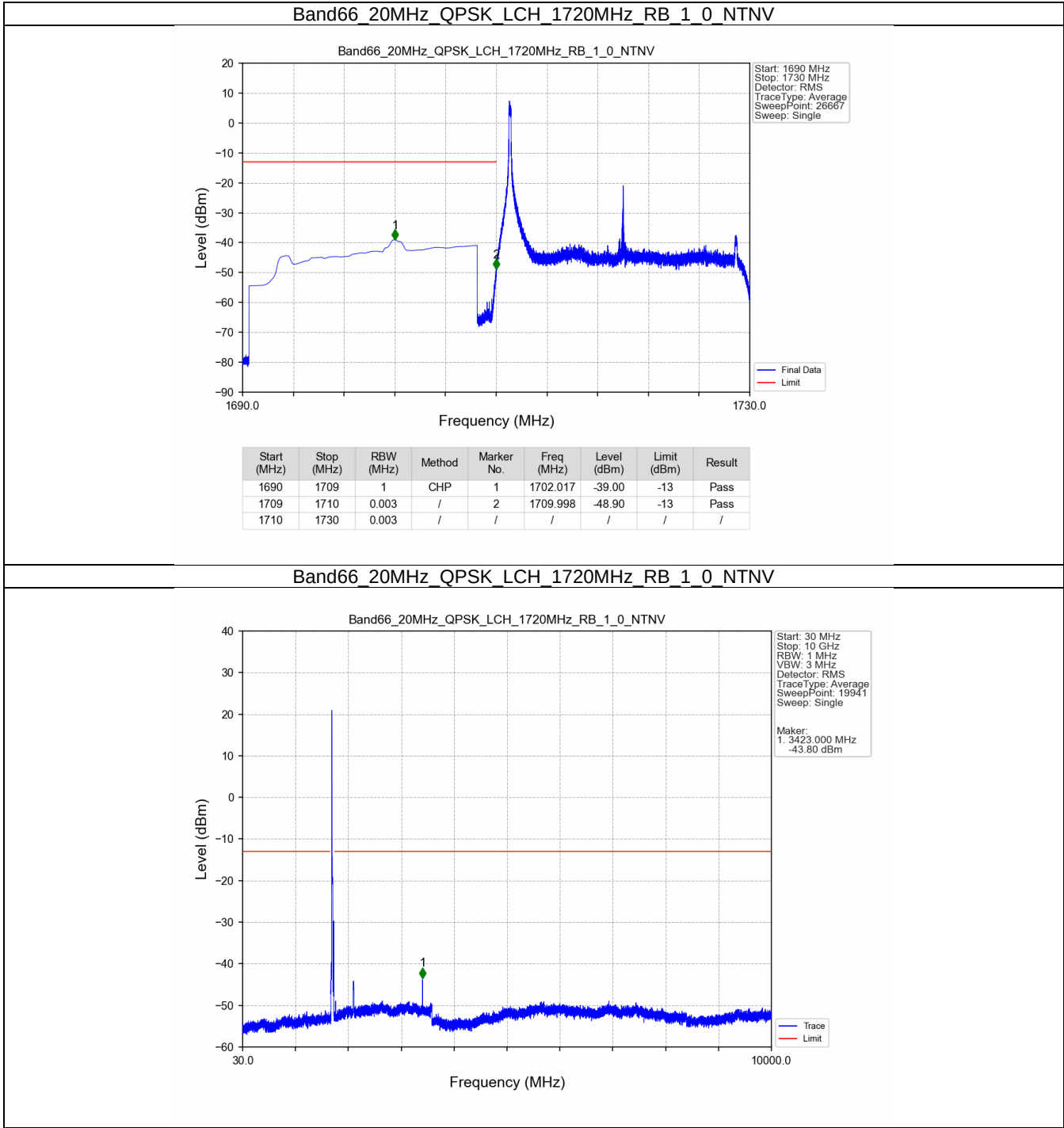
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-45.44	-13	Pass
1781	1795	1	CHP	2	1785.586	-34.72	-13	Pass

Band66 15MHz QPSK HCH 1772.5MHz RB 75_0 NTNV

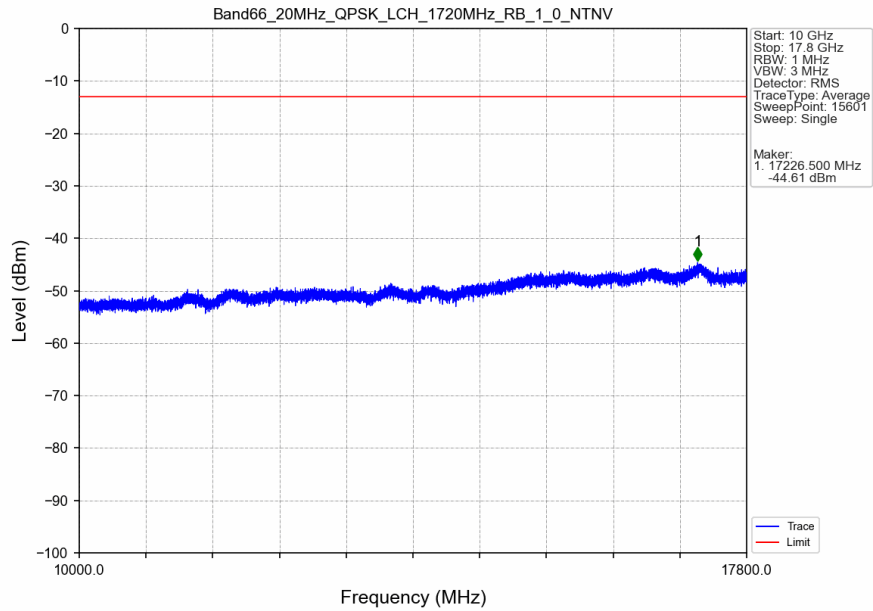


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.149	CHP	/	/	/	/	/
1780	1781	0.149	CHP	1	1780.270	-33.46	-13	Pass
1781	1795	1	CHP	2	1781.770	-26.72	-13	Pass

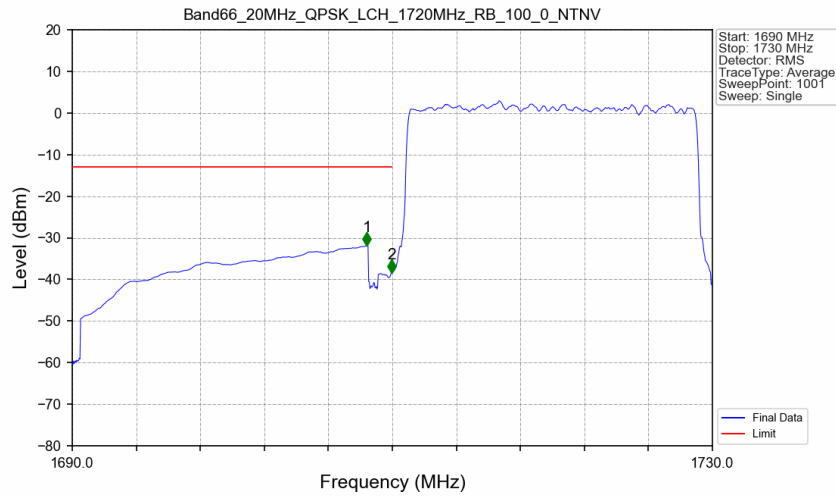
5.2.6 B66_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

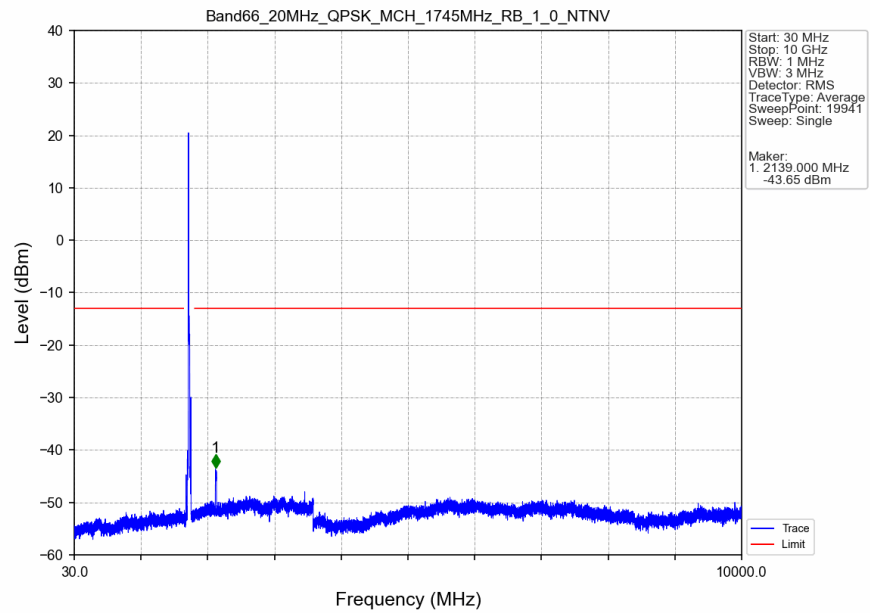


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

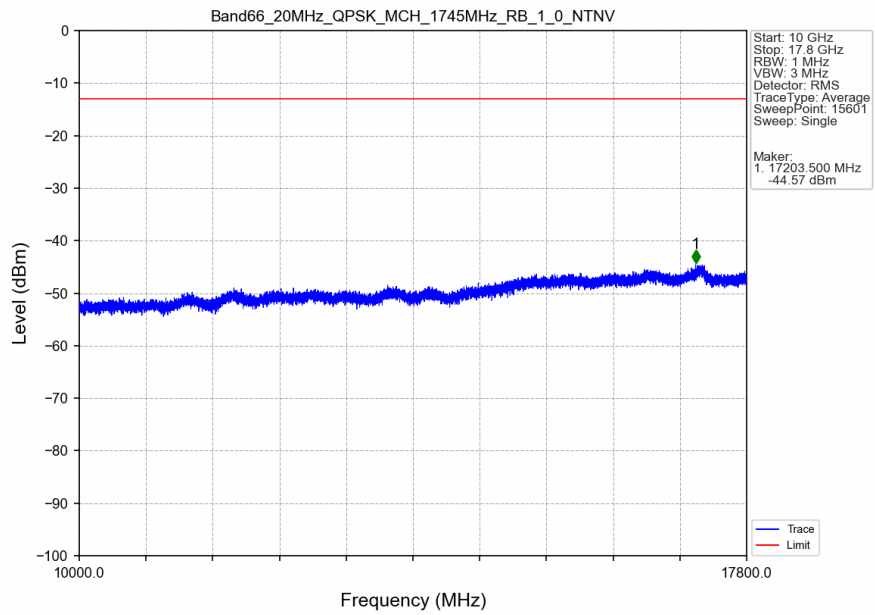


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-31.89	-13	Pass
1709	1710	0.197	CHP	2	1709.960	-38.39	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

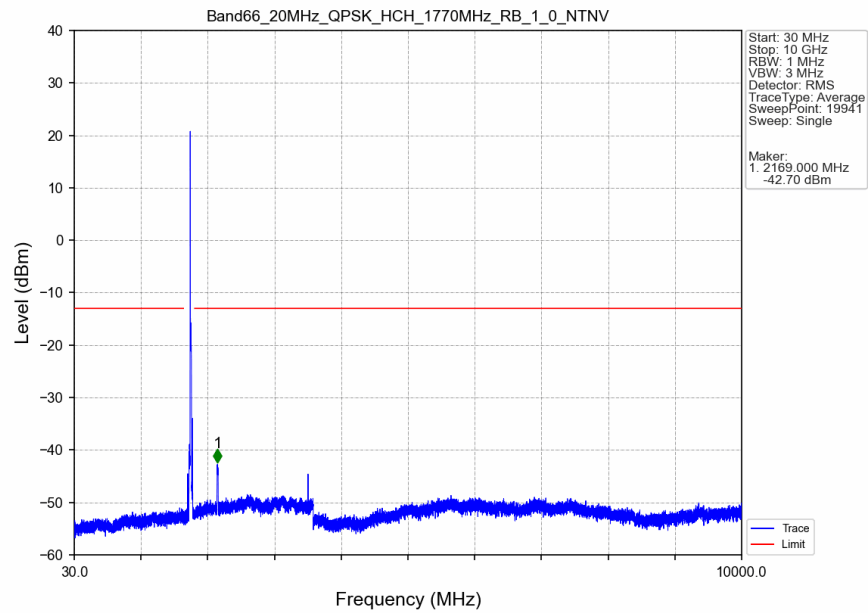
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



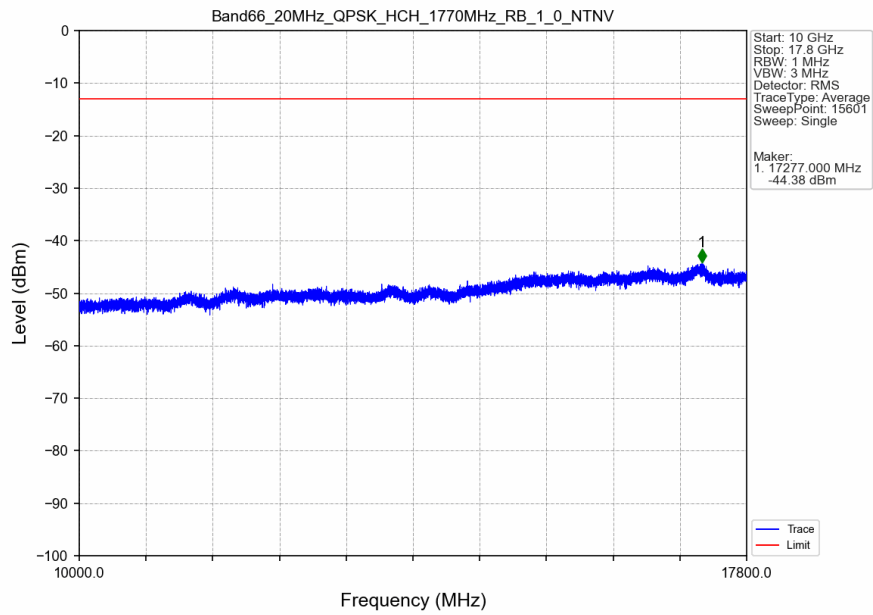
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



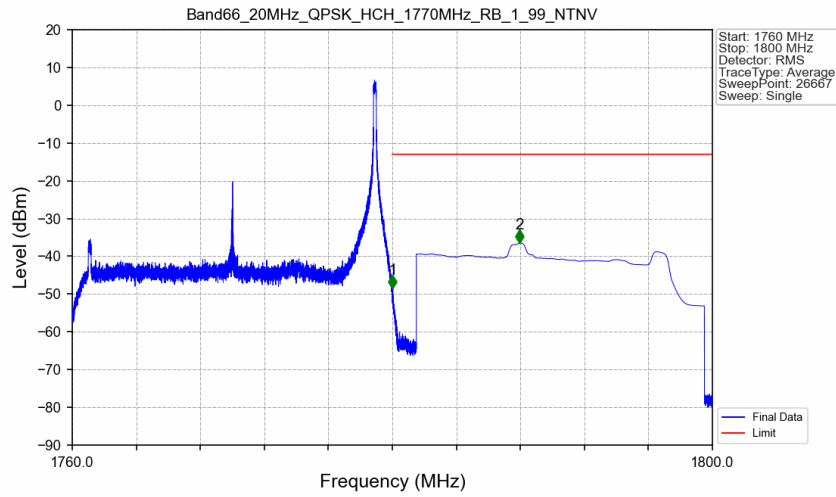
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV

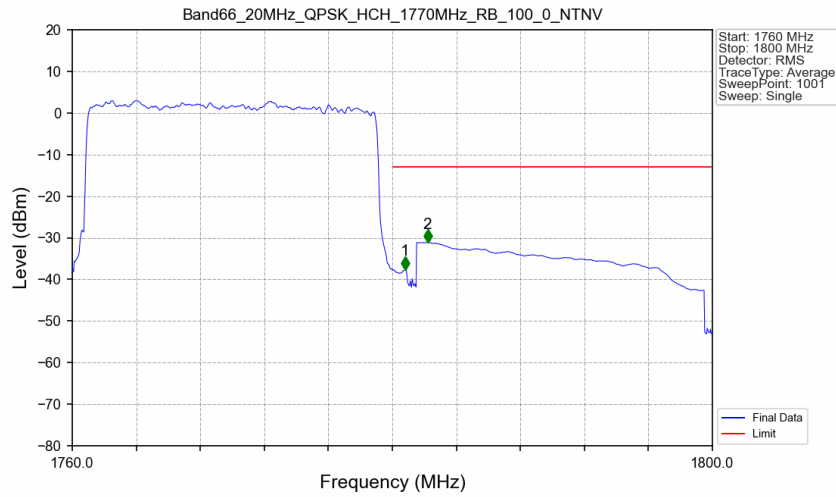


Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-48.38	-13	Pass
1781	1800	1	CHP	2	1787.935	-36.52	-13	Pass

Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.198	CHP	/	/	/	/	/
1780	1781	0.198	CHP	1	1780.800	-37.60	-13	Pass
1781	1800	1	CHP	2	1782.200	-31.07	-13	Pass