

# 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	23.99	-1.55	22.44	<=30	Pass		
			2	24.05	-1.55	22.50	<=30	Pass		
			5	23.96	-1.55	22.41	<=30	Pass		
		3	0	24.03	-1.55	22.48	<=30	Pass		
			2	24.04	-1.55	22.49	<=30	Pass		
			3	24.03	-1.55	22.48	<=30	Pass		
		6	0	23.10	-1.55	21.55	<=30	Pass		
		1745	1	0	23.88	-1.55	22.33	<=30	Pass	
				2	23.91	-1.55	22.36	<=30	Pass	
	5			23.87	-1.55	22.32	<=30	Pass		
	3		0	23.96	-1.55	22.41	<=30	Pass		
			2	23.95	-1.55	22.40	<=30	Pass		
			3	23.96	-1.55	22.41	<=30	Pass		
	6	0	23.02	-1.55	21.47	<=30	Pass			
	1779.3	1	0	23.80	-1.55	22.25	<=30	Pass		
			2	23.84	-1.55	22.29	<=30	Pass		
			5	23.79	-1.55	22.24	<=30	Pass		
		3	0	23.87	-1.55	22.32	<=30	Pass		
			2	23.87	-1.55	22.32	<=30	Pass		
			3	23.84	-1.55	22.29	<=30	Pass		
		6	0	22.98	-1.55	21.43	<=30	Pass		
		16QAM	1710.7	1	0	22.98	-1.55	21.43	<=30	Pass
					2	23.05	-1.55	21.50	<=30	Pass
	5				22.99	-1.55	21.44	<=30	Pass	
3	0			23.02	-1.55	21.47	<=30	Pass		
	2			23.05	-1.55	21.50	<=30	Pass		
	3			23.01	-1.55	21.46	<=30	Pass		
6	0			22.24	-1.55	20.69	<=30	Pass		
1745	1			0	23.03	-1.55	21.48	<=30	Pass	
				2	23.10	-1.55	21.55	<=30	Pass	
			5	23.03	-1.55	21.48	<=30	Pass		
	3		0	23.05	-1.55	21.50	<=30	Pass		
			2	23.06	-1.55	21.51	<=30	Pass		
			3	23.03	-1.55	21.48	<=30	Pass		
6	0		22.01	-1.55	20.46	<=30	Pass			
1779.3	1		0	23.09	-1.55	21.54	<=30	Pass		
			2	23.17	-1.55	21.62	<=30	Pass		
			5	23.10	-1.55	21.55	<=30	Pass		
	3		0	23.03	-1.55	21.48	<=30	Pass		
			2	23.00	-1.55	21.45	<=30	Pass		
			3	22.98	-1.55	21.43	<=30	Pass		
	6		0	22.02	-1.55	20.47	<=30	Pass		
	64QAM		1710.7	1	0	22.60	-1.55	21.05	<=30	Pass
					2	22.74	-1.55	21.19	<=30	Pass
5					22.62	-1.55	21.07	<=30	Pass	
3		0		22.27	-1.55	20.72	<=30	Pass		
		2		22.30	-1.55	20.75	<=30	Pass		
		3		22.27	-1.55	20.72	<=30	Pass		
6		0		21.22	-1.55	19.67	<=30	Pass		

	1745	1	0	21.98	-1.55	20.43	<=30	Pass
			2	22.03	-1.55	20.48	<=30	Pass
			5	21.98	-1.55	20.43	<=30	Pass
		3	0	22.13	-1.55	20.58	<=30	Pass
			2	22.15	-1.55	20.60	<=30	Pass
			3	22.15	-1.55	20.60	<=30	Pass
	6	0	21.27	-1.55	19.72	<=30	Pass	
	1779.3	1	0	22.49	-1.55	20.94	<=30	Pass
			2	22.55	-1.55	21.00	<=30	Pass
			5	22.50	-1.55	20.95	<=30	Pass
		3	0	22.14	-1.55	20.59	<=30	Pass
			2	22.18	-1.55	20.63	<=30	Pass
			3	22.19	-1.55	20.64	<=30	Pass
	6	0	21.13	-1.55	19.58	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B66\_3MHz\_EIRP

Band: 66 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	23.80	-1.55	22.25	<=30	Pass		
			7	23.87	-1.55	22.32	<=30	Pass		
			14	23.71	-1.55	22.16	<=30	Pass		
		8	0	22.98	-1.55	21.43	<=30	Pass		
			4	23.02	-1.55	21.47	<=30	Pass		
			7	22.96	-1.55	21.41	<=30	Pass		
		15	0	22.93	-1.55	21.38	<=30	Pass		
		1745	1	0	23.79	-1.55	22.24	<=30	Pass	
				7	23.88	-1.55	22.33	<=30	Pass	
	14			23.75	-1.55	22.20	<=30	Pass		
	8		0	22.94	-1.55	21.39	<=30	Pass		
			4	22.97	-1.55	21.42	<=30	Pass		
			7	22.94	-1.55	21.39	<=30	Pass		
	15	0	22.93	-1.55	21.38	<=30	Pass			
	1778.5	1	0	23.67	-1.55	22.12	<=30	Pass		
			7	23.80	-1.55	22.25	<=30	Pass		
			14	23.69	-1.55	22.14	<=30	Pass		
		8	0	22.85	-1.55	21.30	<=30	Pass		
			4	22.93	-1.55	21.38	<=30	Pass		
			7	22.85	-1.55	21.30	<=30	Pass		
		15	0	22.89	-1.55	21.34	<=30	Pass		
		16QAM	1711.5	1	0	22.96	-1.55	21.41	<=30	Pass
					7	23.09	-1.55	21.54	<=30	Pass
	14				22.93	-1.55	21.38	<=30	Pass	
8	0			22.14	-1.55	20.59	<=30	Pass		
	4			22.22	-1.55	20.67	<=30	Pass		
	7			22.14	-1.55	20.59	<=30	Pass		
15	0		21.99	-1.55	20.44	<=30	Pass			
1745	1		0	22.81	-1.55	21.26	<=30	Pass		
			7	22.91	-1.55	21.36	<=30	Pass		
			14	22.77	-1.55	21.22	<=30	Pass		
	8		0	22.10	-1.55	20.55	<=30	Pass		
			4	22.15	-1.55	20.60	<=30	Pass		
			7	22.13	-1.55	20.58	<=30	Pass		
15	0		21.96	-1.55	20.41	<=30	Pass			
1778.5	1		0	22.88	-1.55	21.33	<=30	Pass		

64QAM	1711.5	8	7	22.95	-1.55	21.40	<=30	Pass		
			14	22.79	-1.55	21.24	<=30	Pass		
			0	21.89	-1.55	20.34	<=30	Pass		
		15	1	4	21.93	-1.55	20.38	<=30	Pass	
				7	21.90	-1.55	20.35	<=30	Pass	
				0	21.92	-1.55	20.37	<=30	Pass	
		1745	8	0	22.14	-1.55	20.59	<=30	Pass	
				7	22.25	-1.55	20.70	<=30	Pass	
				14	22.11	-1.55	20.56	<=30	Pass	
			15	1	0	21.18	-1.55	19.63	<=30	Pass
					4	21.23	-1.55	19.68	<=30	Pass
					7	21.12	-1.55	19.57	<=30	Pass
			1778.5	8	0	21.07	-1.55	19.52	<=30	Pass
					7	21.44	-1.55	20.89	<=30	Pass
					14	22.57	-1.55	21.02	<=30	Pass
15	1	0		22.45	-1.55	20.90	<=30	Pass		
		4		21.16	-1.55	19.61	<=30	Pass		
		7		21.25	-1.55	19.70	<=30	Pass		
1778.5	8	0		21.18	-1.55	19.63	<=30	Pass		
		4		21.18	-1.55	19.63	<=30	Pass		
		7		21.18	-1.55	19.63	<=30	Pass		
	15	1	0	20.97	-1.55	19.42	<=30	Pass		
			7	21.77	-1.55	20.22	<=30	Pass		
			14	21.92	-1.55	20.37	<=30	Pass		
	15	1	0	21.82	-1.55	20.27	<=30	Pass		
			4	21.03	-1.55	19.48	<=30	Pass		
			7	21.09	-1.55	19.54	<=30	Pass		
15	1	0	21.01	-1.55	19.46	<=30	Pass			
		4	21.01	-1.55	19.46	<=30	Pass			
		7	21.01	-1.55	19.46	<=30	Pass			
15	1	0	20.91	-1.55	19.36	<=30	Pass			
		4	20.91	-1.55	19.36	<=30	Pass			
		7	20.91	-1.55	19.36	<=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	24.06	-1.55	22.51	<=30	Pass		
			13	24.09	-1.55	22.54	<=30	Pass		
			24	24.00	-1.55	22.45	<=30	Pass		
		12	0	22.99	-1.55	21.44	<=30	Pass		
			6	23.08	-1.55	21.53	<=30	Pass		
			13	23.04	-1.55	21.49	<=30	Pass		
		25	0	23.05	-1.55	21.50	<=30	Pass		
		1745	1	0	24.09	-1.55	22.54	<=30	Pass	
				13	24.15	-1.55	22.60	<=30	Pass	
	24			24.05	-1.55	22.50	<=30	Pass		
	12		0	23.02	-1.55	21.47	<=30	Pass		
			6	23.09	-1.55	21.54	<=30	Pass		
			13	23.04	-1.55	21.49	<=30	Pass		
	25		0	23.02	-1.55	21.47	<=30	Pass		
	1777.5		1	0	23.98	-1.55	22.43	<=30	Pass	
				13	24.10	-1.55	22.55	<=30	Pass	
		24		24.06	-1.55	22.51	<=30	Pass		
		12	0	23.01	-1.55	21.46	<=30	Pass		
			6	23.03	-1.55	21.48	<=30	Pass		
			13	22.98	-1.55	21.43	<=30	Pass		
		25	0	23.00	-1.55	21.45	<=30	Pass		
		16QAM	1712.5	1	0	23.24	-1.55	21.69	<=30	Pass
					13	23.26	-1.55	21.71	<=30	Pass

64QAM	1745	12	24	23.20	-1.55	21.65	<=30	Pass	
			0	22.02	-1.55	20.47	<=30	Pass	
			6	22.08	-1.55	20.53	<=30	Pass	
			13	22.08	-1.55	20.53	<=30	Pass	
		25	0	22.06	-1.55	20.51	<=30	Pass	
			1	0	23.24	-1.55	21.69	<=30	Pass
			13	23.30	-1.55	21.75	<=30	Pass	
			24	23.22	-1.55	21.67	<=30	Pass	
		12	0	22.02	-1.55	20.47	<=30	Pass	
			6	22.06	-1.55	20.51	<=30	Pass	
			13	22.02	-1.55	20.47	<=30	Pass	
			25	0	22.07	-1.55	20.52	<=30	Pass
	1777.5	1	0	23.23	-1.55	21.68	<=30	Pass	
			13	23.33	-1.55	21.78	<=30	Pass	
			24	23.29	-1.55	21.74	<=30	Pass	
			12	0	21.94	-1.55	20.39	<=30	Pass
		12	6	21.96	-1.55	20.41	<=30	Pass	
			13	21.96	-1.55	20.41	<=30	Pass	
			25	0	22.01	-1.55	20.46	<=30	Pass
			1712.5	1	0	22.41	-1.55	20.86	<=30
		13			22.44	-1.55	20.89	<=30	Pass
		24			22.41	-1.55	20.86	<=30	Pass
		12			0	21.11	-1.55	19.56	<=30
		12		6	21.18	-1.55	19.63	<=30	Pass
13	21.18			-1.55	19.63	<=30	Pass		
25	0			21.13	-1.55	19.58	<=30	Pass	
1745	1			0	22.55	-1.55	21.00	<=30	Pass
		13		22.62	-1.55	21.07	<=30	Pass	
		24		22.53	-1.55	20.98	<=30	Pass	
		12		0	21.17	-1.55	19.62	<=30	Pass
	12	6		21.22	-1.55	19.67	<=30	Pass	
		13	21.21	-1.55	19.66	<=30	Pass		
		25	0	21.21	-1.55	19.66	<=30	Pass	
		1777.5	1	0	22.00	-1.55	20.45	<=30	Pass
	13			22.13	-1.55	20.58	<=30	Pass	
	24			22.06	-1.55	20.51	<=30	Pass	
	12			0	21.04	-1.55	19.49	<=30	Pass
	12		6	21.09	-1.55	19.54	<=30	Pass	
13			21.05	-1.55	19.50	<=30	Pass		
25			0	21.07	-1.55	19.52	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B66\_10MHz\_EIRP

Band: 66 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	24.07	-1.55	22.52	<=30	Pass
			25	24.09	-1.55	22.54	<=30	Pass
			49	24.04	-1.55	22.49	<=30	Pass
		25	0	22.93	-1.55	21.38	<=30	Pass
			13	23.04	-1.55	21.49	<=30	Pass
			25	23.06	-1.55	21.51	<=30	Pass
	1745	1	0	23.05	-1.55	21.50	<=30	Pass
			0	24.10	-1.55	22.55	<=30	Pass
			25	24.15	-1.55	22.60	<=30	Pass
			49	24.08	-1.55	22.53	<=30	Pass

		25	0	23.00	-1.55	21.45	<=30	Pass		
			13	23.08	-1.55	21.53	<=30	Pass		
			25	23.03	-1.55	21.48	<=30	Pass		
		50	0	23.05	-1.55	21.50	<=30	Pass		
			1	0	23.88	-1.55	22.33	<=30	Pass	
				25	24.02	-1.55	22.47	<=30	Pass	
	49	24.01		-1.55	22.46	<=30	Pass			
	1775	25	0	22.94	-1.55	21.39	<=30	Pass		
			13	23.01	-1.55	21.46	<=30	Pass		
			25	22.93	-1.55	21.38	<=30	Pass		
	50	0	22.96	-1.55	21.41	<=30	Pass			
	16QAM	1715	1	0	23.23	-1.55	21.68	<=30	Pass	
25				23.26	-1.55	21.71	<=30	Pass		
49				23.24	-1.55	21.69	<=30	Pass		
25			0	22.01	-1.55	20.46	<=30	Pass		
			13	22.12	-1.55	20.57	<=30	Pass		
			25	22.13	-1.55	20.58	<=30	Pass		
50			0	22.05	-1.55	20.50	<=30	Pass		
1745			1	0	23.12	-1.55	21.57	<=30	Pass	
				25	23.19	-1.55	21.64	<=30	Pass	
		49		23.08	-1.55	21.53	<=30	Pass		
		25	0	22.05	-1.55	20.50	<=30	Pass		
			13	22.13	-1.55	20.58	<=30	Pass		
			25	22.11	-1.55	20.56	<=30	Pass		
		50	0	22.05	-1.55	20.50	<=30	Pass		
		1775	1	0	23.07	-1.55	21.52	<=30	Pass	
				25	23.21	-1.55	21.66	<=30	Pass	
49				23.18	-1.55	21.63	<=30	Pass		
25			0	21.96	-1.55	20.41	<=30	Pass		
			13	22.03	-1.55	20.48	<=30	Pass		
			25	21.98	-1.55	20.43	<=30	Pass		
50			0	21.91	-1.55	20.36	<=30	Pass		
64QAM			1715	1	0	22.31	-1.55	20.76	<=30	Pass
					25	22.34	-1.55	20.79	<=30	Pass
		49			22.30	-1.55	20.75	<=30	Pass	
	25	0		20.98	-1.55	19.43	<=30	Pass		
		13		21.09	-1.55	19.54	<=30	Pass		
		25		21.12	-1.55	19.57	<=30	Pass		
	50	0	21.09	-1.55	19.54	<=30	Pass			
	1745	1	0	22.72	-1.55	21.17	<=30	Pass		
			25	22.77	-1.55	21.22	<=30	Pass		
			49	22.67	-1.55	21.12	<=30	Pass		
		25	0	21.18	-1.55	19.63	<=30	Pass		
			13	21.28	-1.55	19.73	<=30	Pass		
			25	21.24	-1.55	19.69	<=30	Pass		
	50	0	21.17	-1.55	19.62	<=30	Pass			
	1775	1	0	21.90	-1.55	20.35	<=30	Pass		
			25	22.06	-1.55	20.51	<=30	Pass		
			49	22.02	-1.55	20.47	<=30	Pass		
		25	0	20.99	-1.55	19.44	<=30	Pass		
13			21.07	-1.55	19.52	<=30	Pass			
25			20.98	-1.55	19.43	<=30	Pass			
50	0	20.98	-1.55	19.43	<=30	Pass				
Note1: EIRP=Conducted Power+Antenna Gain										

### 1.1.5 B66\_15MHz\_EIRP

Band: 66 / Bandwidth: 15MHz / NTVN

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	24.06	-1.55	22.51	<=30	Pass		
			38	24.12	-1.55	22.57	<=30	Pass		
			74	24.03	-1.55	22.48	<=30	Pass		
		36	0	22.98	-1.55	21.43	<=30	Pass		
			18	23.07	-1.55	21.52	<=30	Pass		
			39	23.05	-1.55	21.50	<=30	Pass		
		75	0	23.06	-1.55	21.51	<=30	Pass		
		1745	1	0	24.09	-1.55	22.54	<=30	Pass	
				38	24.17	-1.55	22.62	<=30	Pass	
	74			24.04	-1.55	22.49	<=30	Pass		
	36		0	23.02	-1.55	21.47	<=30	Pass		
			18	23.09	-1.55	21.54	<=30	Pass		
			39	23.06	-1.55	21.51	<=30	Pass		
	75		0	23.08	-1.55	21.53	<=30	Pass		
	1772.5		1	0	23.88	-1.55	22.33	<=30	Pass	
				38	23.97	-1.55	22.42	<=30	Pass	
		74		23.96	-1.55	22.41	<=30	Pass		
		36	0	22.90	-1.55	21.35	<=30	Pass		
			18	22.97	-1.55	21.42	<=30	Pass		
			39	22.93	-1.55	21.38	<=30	Pass		
		75	0	22.94	-1.55	21.39	<=30	Pass		
		16QAM	1717.5	1	0	23.23	-1.55	21.68	<=30	Pass
					38	23.29	-1.55	21.74	<=30	Pass
	74				23.25	-1.55	21.70	<=30	Pass	
36	0			22.00	-1.55	20.45	<=30	Pass		
	18			22.09	-1.55	20.54	<=30	Pass		
	39			22.11	-1.55	20.56	<=30	Pass		
75	0			22.06	-1.55	20.51	<=30	Pass		
1745	1			0	23.12	-1.55	21.57	<=30	Pass	
				38	23.20	-1.55	21.65	<=30	Pass	
			74	23.05	-1.55	21.50	<=30	Pass		
	36		0	22.05	-1.55	20.50	<=30	Pass		
			18	22.10	-1.55	20.55	<=30	Pass		
			39	22.06	-1.55	20.51	<=30	Pass		
	75		0	22.08	-1.55	20.53	<=30	Pass		
	1772.5		1	0	23.31	-1.55	21.76	<=30	Pass	
				38	23.40	-1.55	21.85	<=30	Pass	
74				23.39	-1.55	21.84	<=30	Pass		
36			0	21.90	-1.55	20.35	<=30	Pass		
			18	21.97	-1.55	20.42	<=30	Pass		
			39	21.92	-1.55	20.37	<=30	Pass		
75			0	21.93	-1.55	20.38	<=30	Pass		
64QAM			1717.5	1	0	22.29	-1.55	20.74	<=30	Pass
					38	22.38	-1.55	20.83	<=30	Pass
	74				22.32	-1.55	20.77	<=30	Pass	
	36	0		21.12	-1.55	19.57	<=30	Pass		
		18		21.19	-1.55	19.64	<=30	Pass		
		39		21.21	-1.55	19.66	<=30	Pass		
	75	0		21.12	-1.55	19.57	<=30	Pass		
	1745	1		0	22.70	-1.55	21.15	<=30	Pass	
				38	22.78	-1.55	21.23	<=30	Pass	
			74	22.64	-1.55	21.09	<=30	Pass		
		36	0	21.13	-1.55	19.58	<=30	Pass		
			18	21.16	-1.55	19.61	<=30	Pass		
			39	21.14	-1.55	19.59	<=30	Pass		
	75	0	21.11	-1.55	19.56	<=30	Pass			

	1772.5	1	0	21.85	-1.55	20.30	<=30	Pass
			38	21.97	-1.55	20.42	<=30	Pass
			74	21.91	-1.55	20.36	<=30	Pass
		36	0	21.00	-1.55	19.45	<=30	Pass
			18	21.05	-1.55	19.50	<=30	Pass
			39	21.00	-1.55	19.45	<=30	Pass
75	0	21.01	-1.55	19.46	<=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	24.03	-1.55	22.48	<=30	Pass		
			50	24.15	-1.55	22.60	<=30	Pass		
			99	24.02	-1.55	22.47	<=30	Pass		
		50	0	23.01	-1.55	21.46	<=30	Pass		
			25	23.12	-1.55	21.57	<=30	Pass		
			50	23.07	-1.55	21.52	<=30	Pass		
		100	0	23.04	-1.55	21.49	<=30	Pass		
		1745	1	0	23.96	-1.55	22.41	<=30	Pass	
				50	24.08	-1.55	22.53	<=30	Pass	
	99			23.88	-1.55	22.33	<=30	Pass		
	50		0	23.03	-1.55	21.48	<=30	Pass		
			25	23.11	-1.55	21.56	<=30	Pass		
			50	23.09	-1.55	21.54	<=30	Pass		
	100		0	23.06	-1.55	21.51	<=30	Pass		
	1770		1	0	23.91	-1.55	22.36	<=30	Pass	
				50	24.02	-1.55	22.47	<=30	Pass	
		99		23.91	-1.55	22.36	<=30	Pass		
		50	0	22.94	-1.55	21.39	<=30	Pass		
			25	23.02	-1.55	21.47	<=30	Pass		
			50	22.93	-1.55	21.38	<=30	Pass		
		100	0	22.93	-1.55	21.38	<=30	Pass		
		16QAM	1720	1	0	23.18	-1.55	21.63	<=30	Pass
					50	23.35	-1.55	21.80	<=30	Pass
	99				23.22	-1.55	21.67	<=30	Pass	
50	0			22.00	-1.55	20.45	<=30	Pass		
	25			22.13	-1.55	20.58	<=30	Pass		
	50			22.10	-1.55	20.55	<=30	Pass		
100	0			22.04	-1.55	20.49	<=30	Pass		
1745	1			0	23.39	-1.55	21.84	<=30	Pass	
				50	23.52	-1.55	21.97	<=30	Pass	
			99	23.29	-1.55	21.74	<=30	Pass		
	50		0	22.05	-1.55	20.50	<=30	Pass		
			25	22.16	-1.55	20.61	<=30	Pass		
			50	22.10	-1.55	20.55	<=30	Pass		
	100		0	22.06	-1.55	20.51	<=30	Pass		
	1770		1	0	23.06	-1.55	21.51	<=30	Pass	
				50	23.19	-1.55	21.64	<=30	Pass	
99				23.13	-1.55	21.58	<=30	Pass		
50			0	21.92	-1.55	20.37	<=30	Pass		
			25	22.01	-1.55	20.46	<=30	Pass		
			50	21.91	-1.55	20.36	<=30	Pass		
100			0	21.95	-1.55	20.40	<=30	Pass		
64QAM			1720	1	0	22.50	-1.55	20.95	<=30	Pass

	1745	50	50	22.63	-1.55	21.08	<=30	Pass	
			99	22.55	-1.55	21.00	<=30	Pass	
		100	0	0	21.10	-1.55	19.55	<=30	Pass
				25	21.26	-1.55	19.71	<=30	Pass
				50	21.22	-1.55	19.67	<=30	Pass
		1770	1	0	0	22.36	-1.55	20.81	<=30
	50				22.51	-1.55	20.96	<=30	Pass
	99				22.26	-1.55	20.71	<=30	Pass
	50		0	0	21.10	-1.55	19.55	<=30	Pass
				25	21.21	-1.55	19.66	<=30	Pass
				50	21.19	-1.55	19.64	<=30	Pass
	1770	1	0	0	22.16	-1.55	20.61	<=30	Pass
				50	22.30	-1.55	20.75	<=30	Pass
				99	22.24	-1.55	20.69	<=30	Pass
		50	0	0	21.00	-1.55	19.45	<=30	Pass
				25	21.08	-1.55	19.53	<=30	Pass
				50	21.00	-1.55	19.45	<=30	Pass
	100	0	0	21.00	-1.55	19.45	<=30	Pass	
			0	21.00	-1.55	19.45	<=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	-0.958	-0.0005	-2.5 to 2.5	Pass
					NV	0.215	0.0001	-2.5 to 2.5	Pass
					HV	0.629	0.0004	-2.5 to 2.5	Pass
				-30	NV	-0.901	-0.0005	-2.5 to 2.5	Pass
				-20	NV	-2.875	-0.0016	-2.5 to 2.5	Pass
				-10	NV	-2.689	-0.0015	-2.5 to 2.5	Pass
				0	NV	-3.276	-0.0019	-2.5 to 2.5	Pass
				10	NV	-2.747	-0.0016	-2.5 to 2.5	Pass
				30	NV	-0.086	0.0000	-2.5 to 2.5	Pass
				40	NV	-2.360	-0.0014	-2.5 to 2.5	Pass
				50	NV	0.014	0.0000	-2.5 to 2.5	Pass

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band66\_OBW

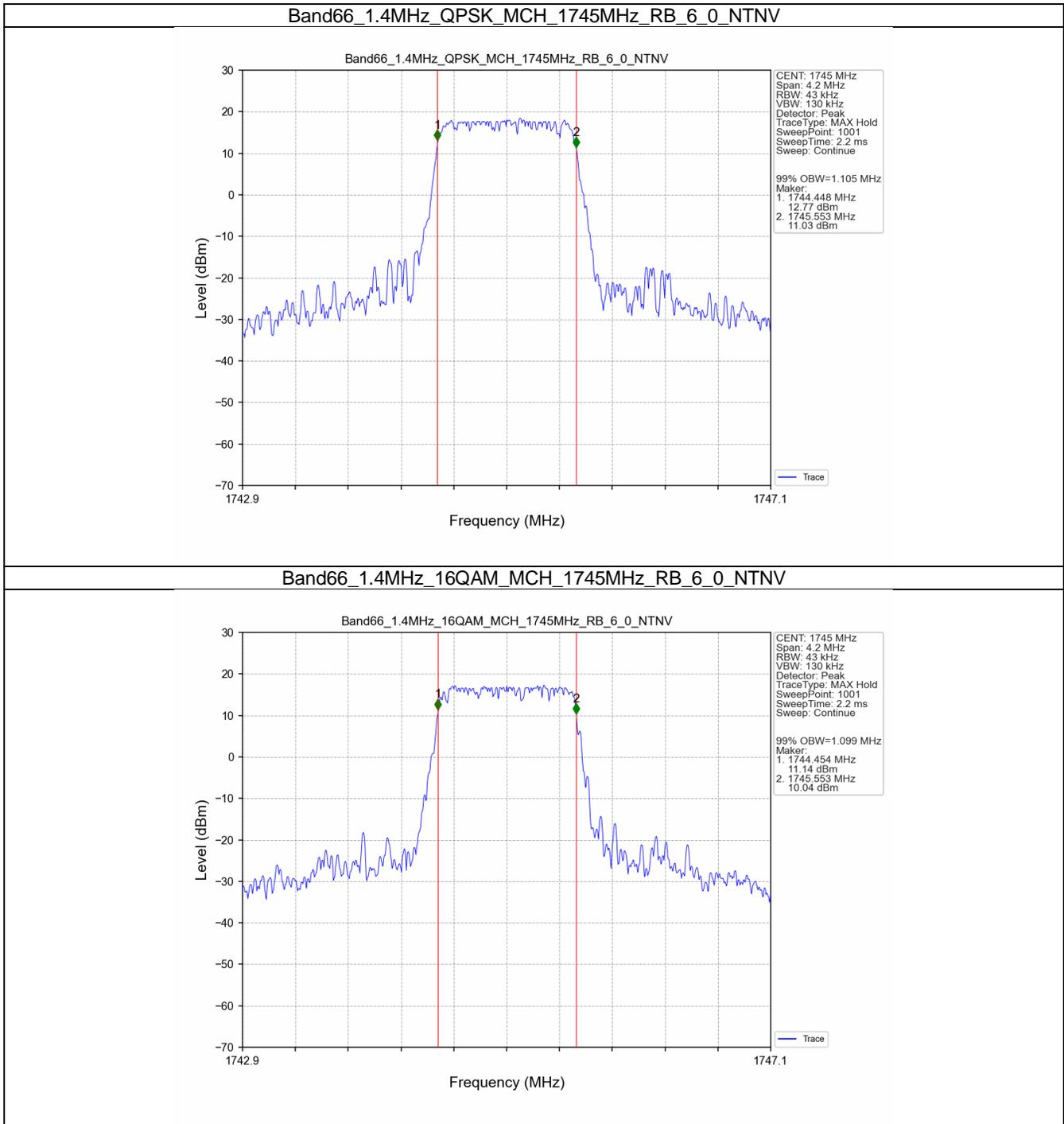
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.105	/	Pass
	16QAM	1745	6	0	1.099	/	Pass
	64QAM	1745	6	0	1.122	/	Pass
3	QPSK	1745	15	0	2.713	/	Pass
	16QAM	1745	15	0	2.711	/	Pass
	64QAM	1745	15	0	2.713	/	Pass
5	QPSK	1745	25	0	4.540	/	Pass
	16QAM	1745	25	0	4.536	/	Pass
	64QAM	1745	25	0	4.539	/	Pass
10	QPSK	1745	50	0	9.056	/	Pass
	16QAM	1745	50	0	9.052	/	Pass
	64QAM	1745	50	0	9.054	/	Pass
15	QPSK	1745	75	0	13.588	/	Pass
	16QAM	1745	75	0	13.539	/	Pass
	64QAM	1745	75	0	13.549	/	Pass
20	QPSK	1745	100	0	18.073	/	Pass
	16QAM	1745	100	0	18.065	/	Pass
	64QAM	1745	100	0	18.052	/	Pass

##### 3.1.2 Band66\_XDB

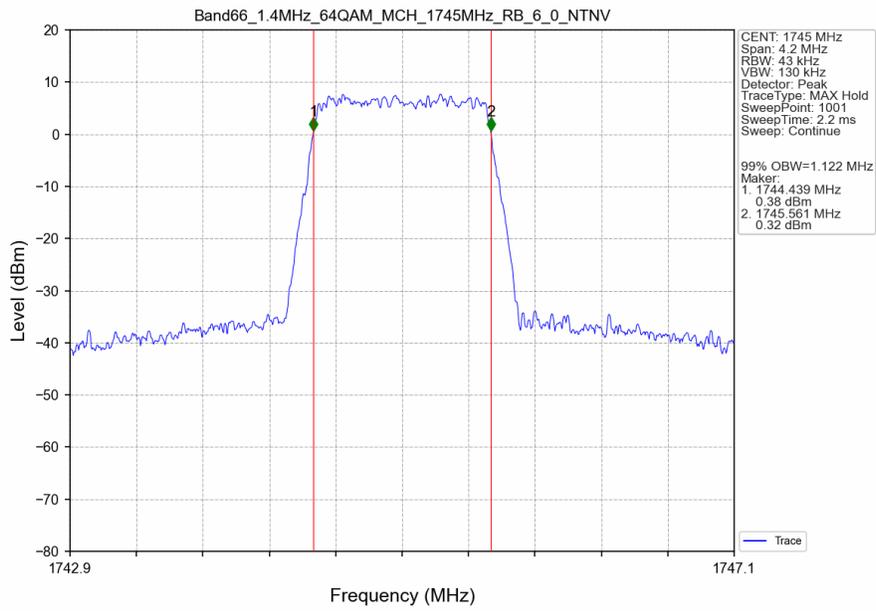
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.293	/	Pass
	16QAM	1745	6	0	1.292	/	Pass
	64QAM	1745	6	0	1.320	/	Pass
3	QPSK	1745	15	0	3.025	/	Pass
	16QAM	1745	15	0	3.006	/	Pass
	64QAM	1745	15	0	3.019	/	Pass
5	QPSK	1745	25	0	5.007	/	Pass
	16QAM	1745	25	0	4.983	/	Pass
	64QAM	1745	25	0	4.994	/	Pass
10	QPSK	1745	50	0	9.972	/	Pass
	16QAM	1745	50	0	9.887	/	Pass
	64QAM	1745	50	0	9.869	/	Pass
15	QPSK	1745	75	0	14.951	/	Pass
	16QAM	1745	75	0	14.858	/	Pass
	64QAM	1745	75	0	14.760	/	Pass
20	QPSK	1745	100	0	19.685	/	Pass
	16QAM	1745	100	0	19.604	/	Pass
	64QAM	1745	100	0	19.713	/	Pass

### 3.2 Test Graph

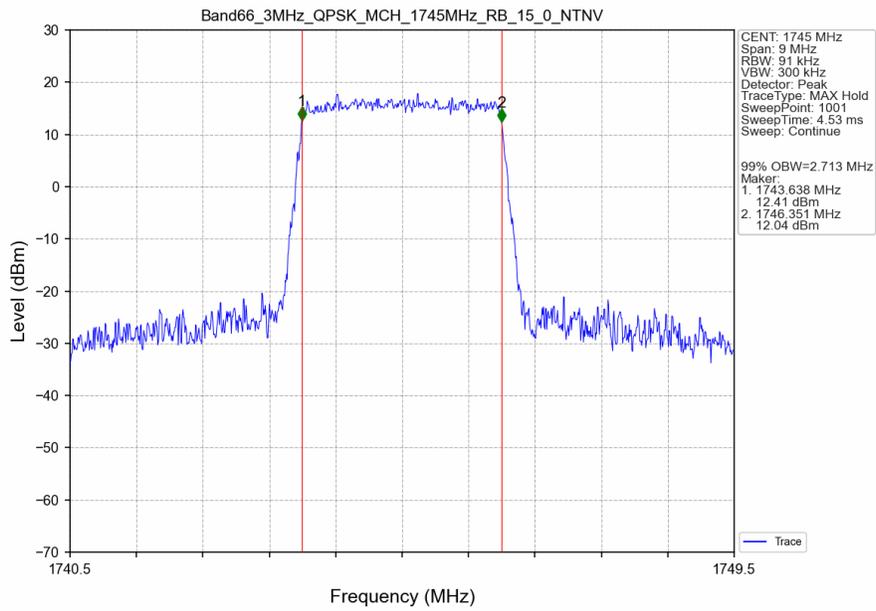
#### 3.2.1 Band66\_OBW



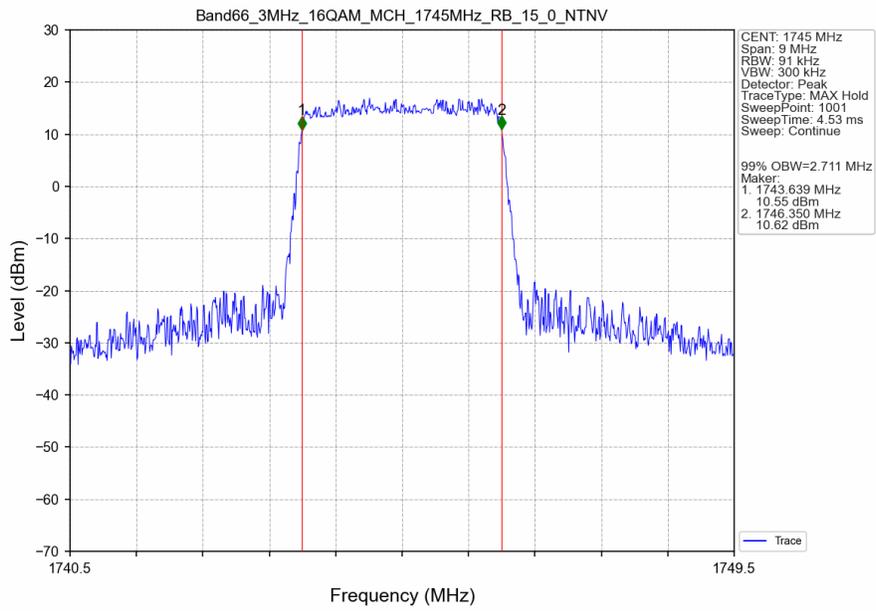
Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



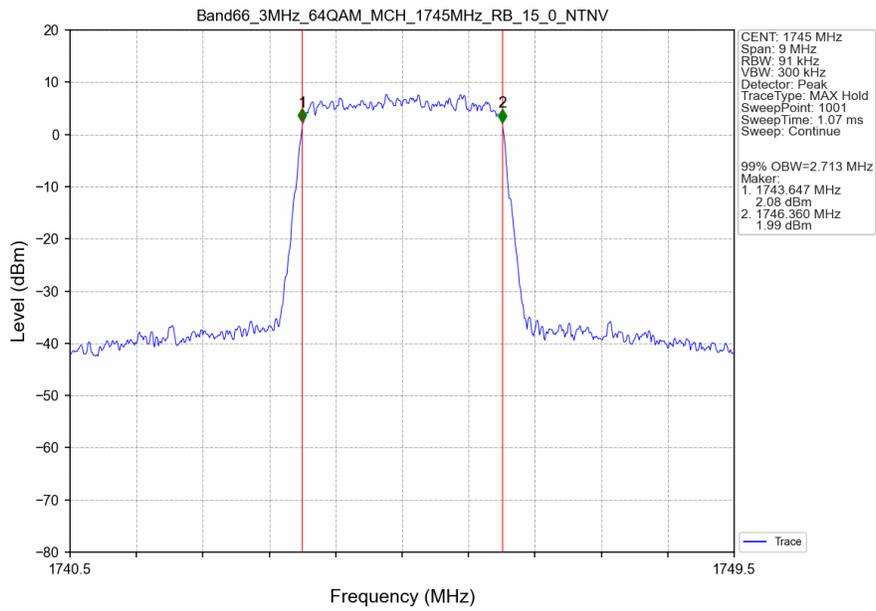
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



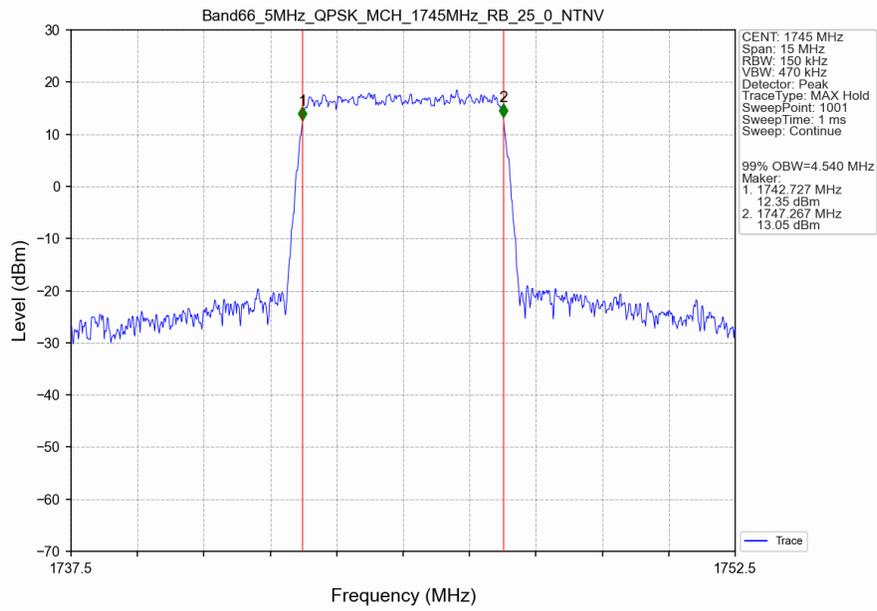
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



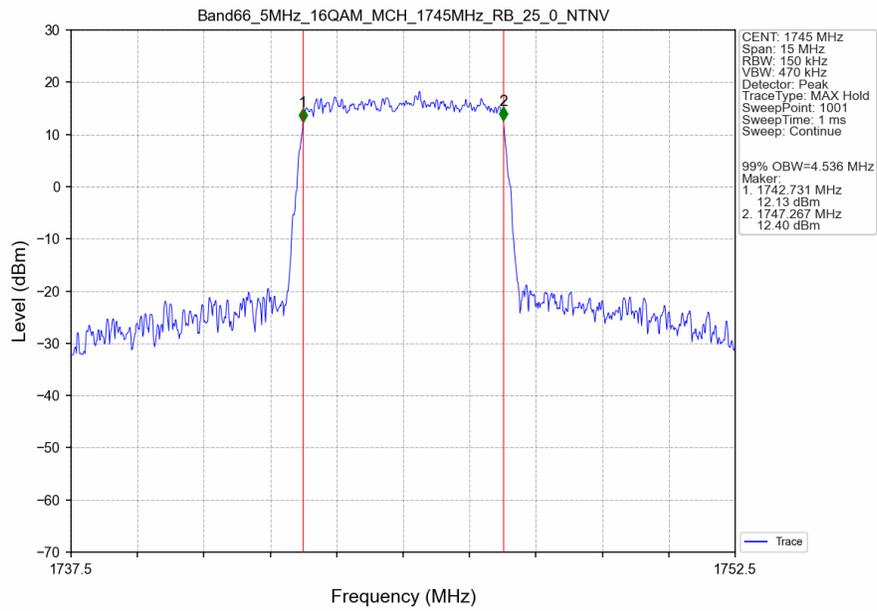
Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



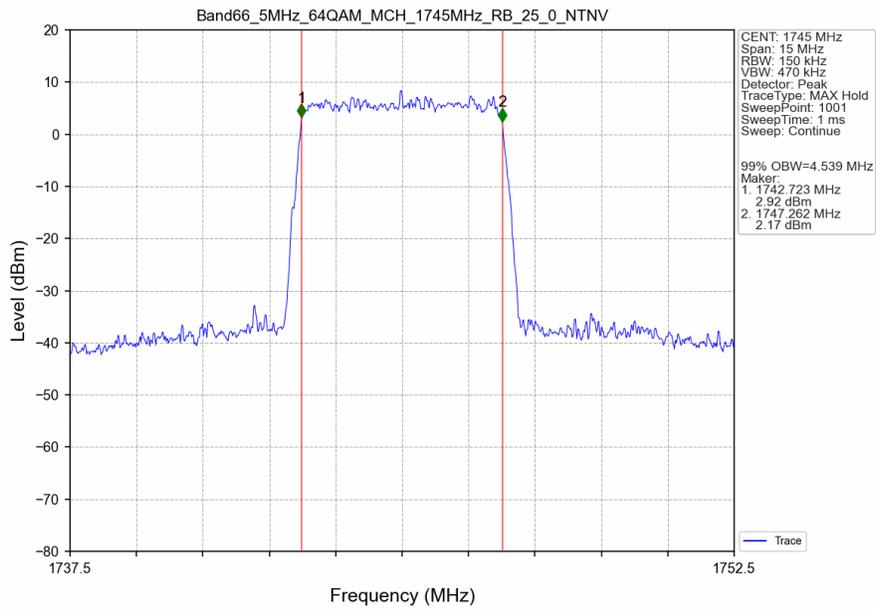
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



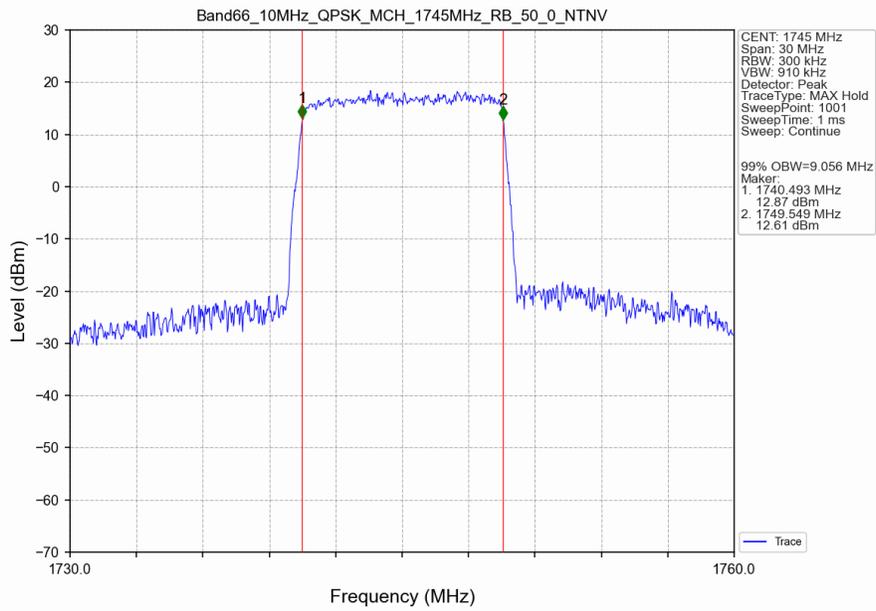
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



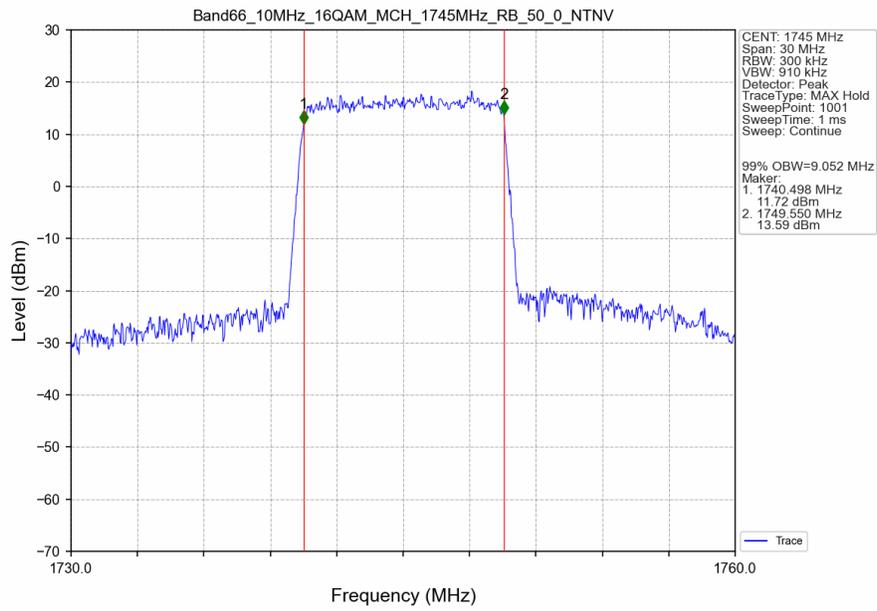
Band66\_5MHz\_64QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



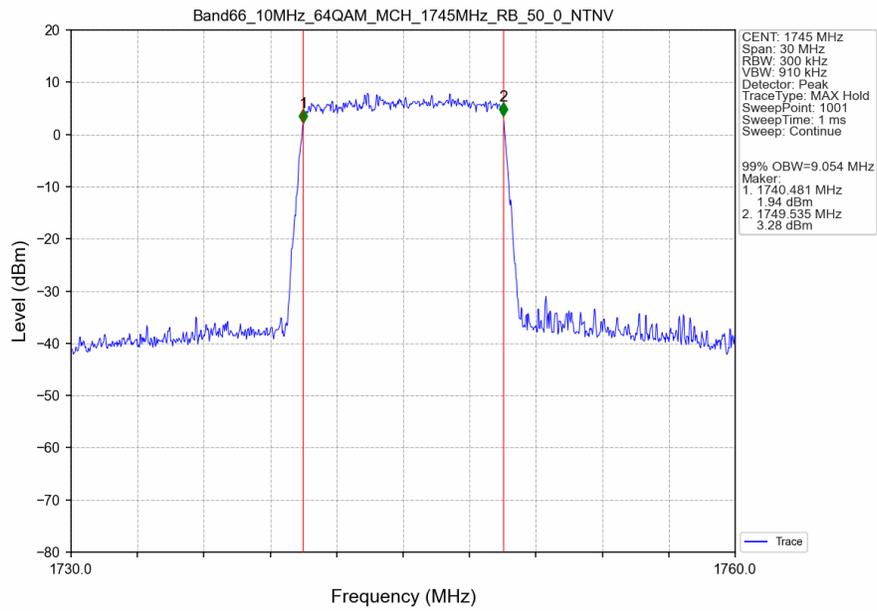
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



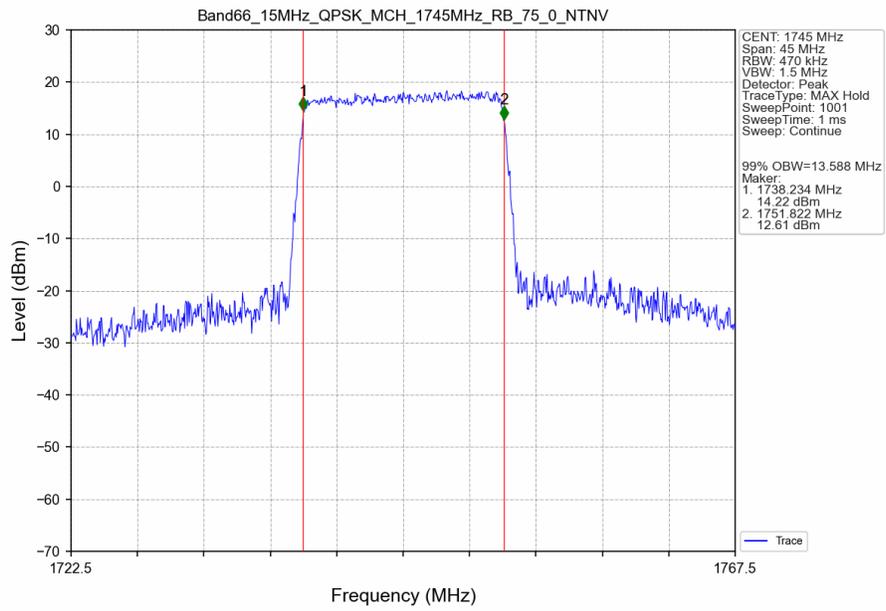
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



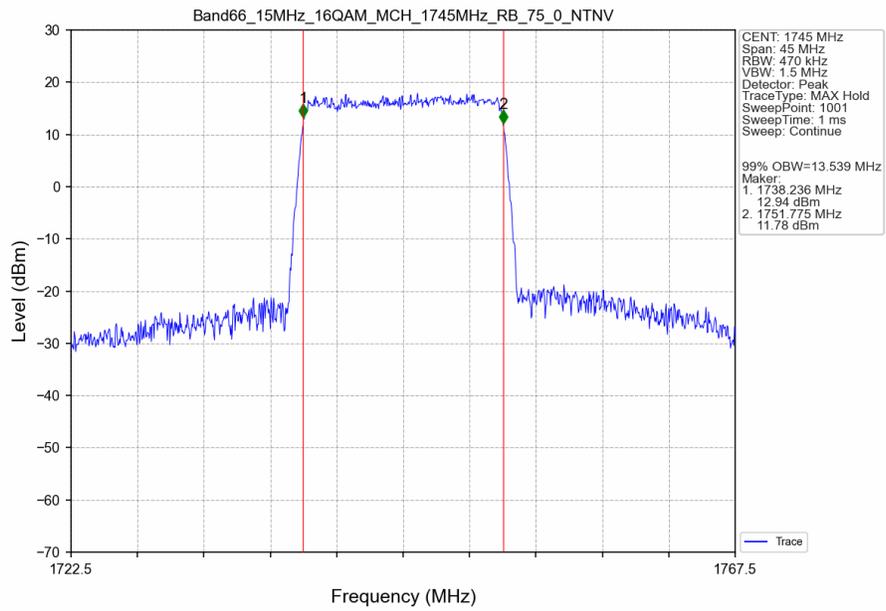
Band66\_10MHz\_64QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



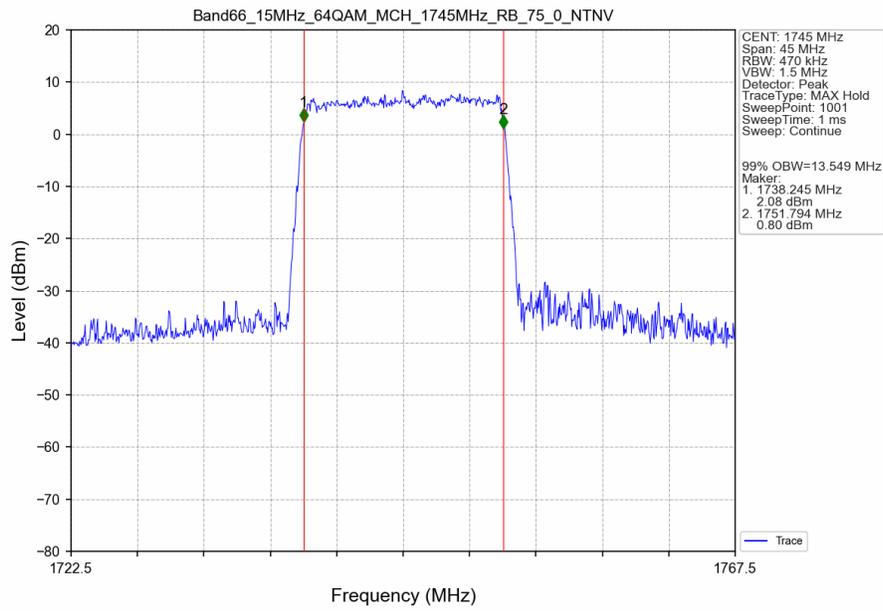
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



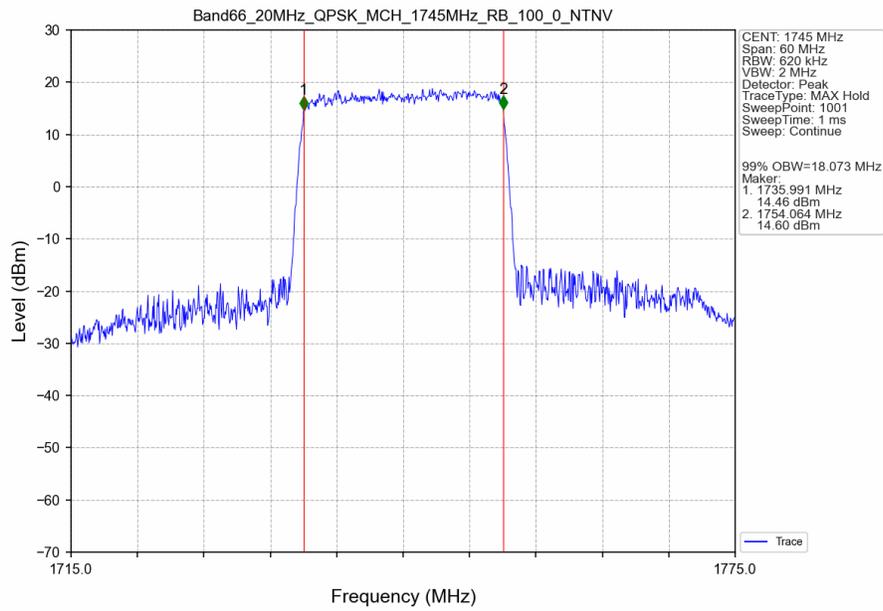
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



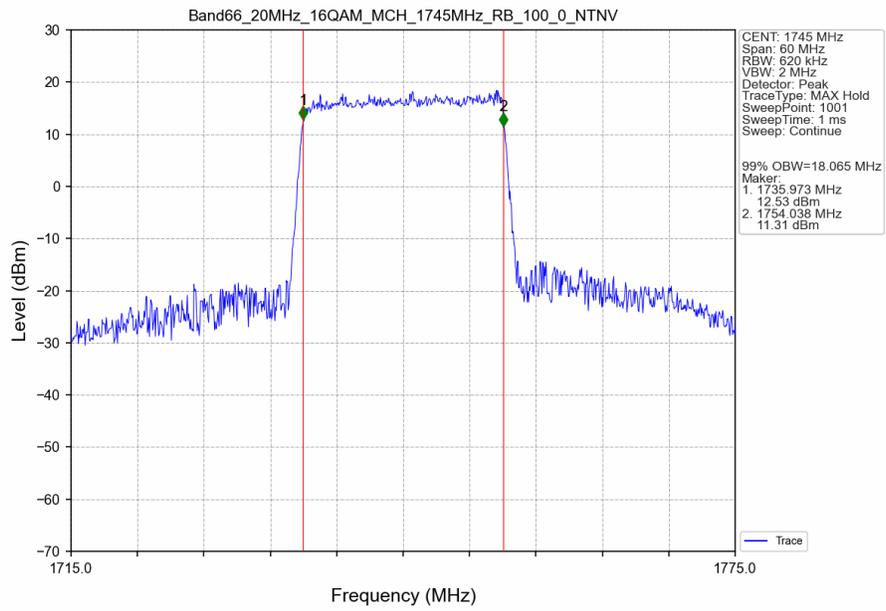
Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



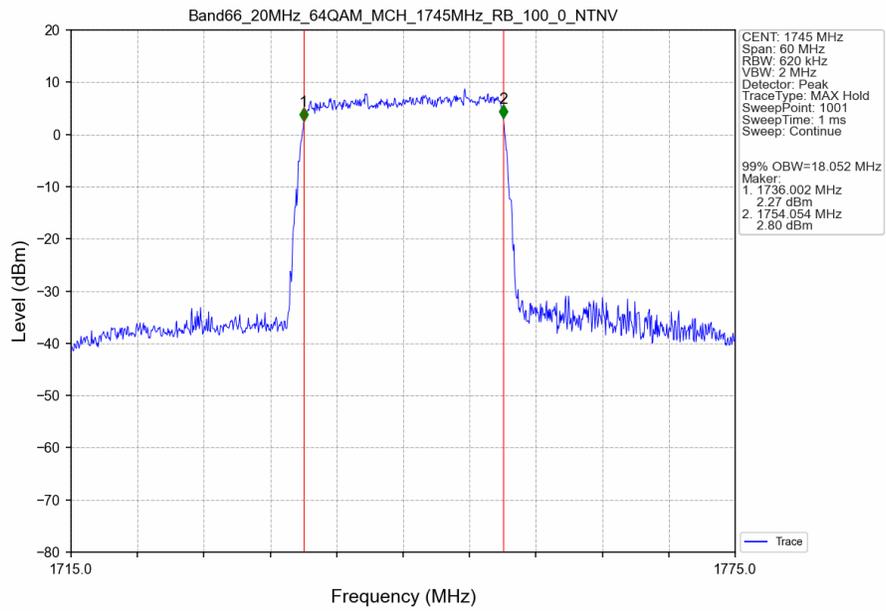
Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV

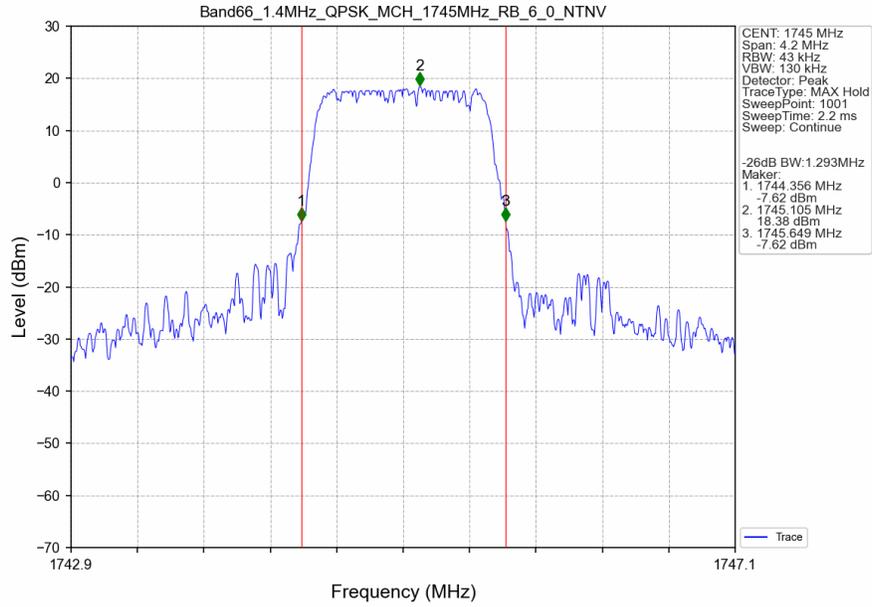


Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV

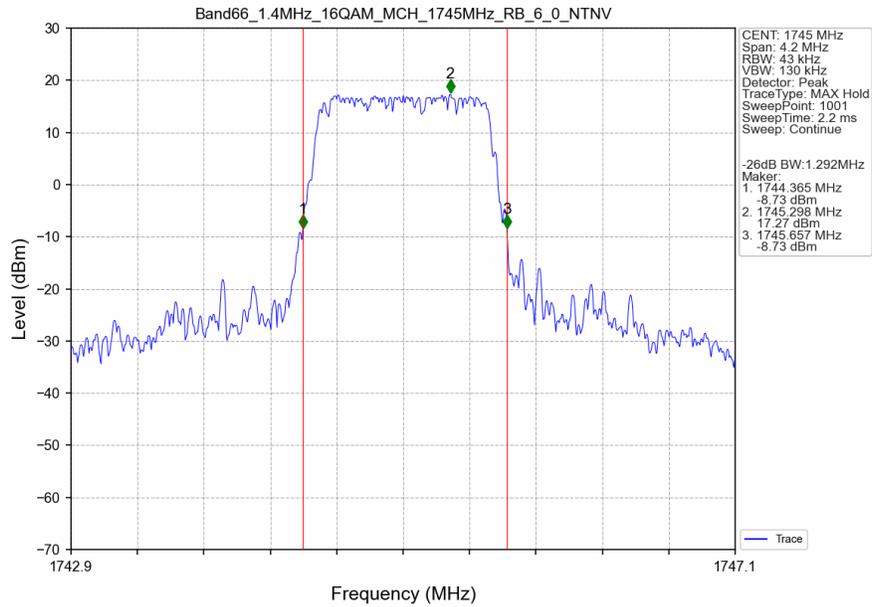


## 1.2.2 Band66\_XDB

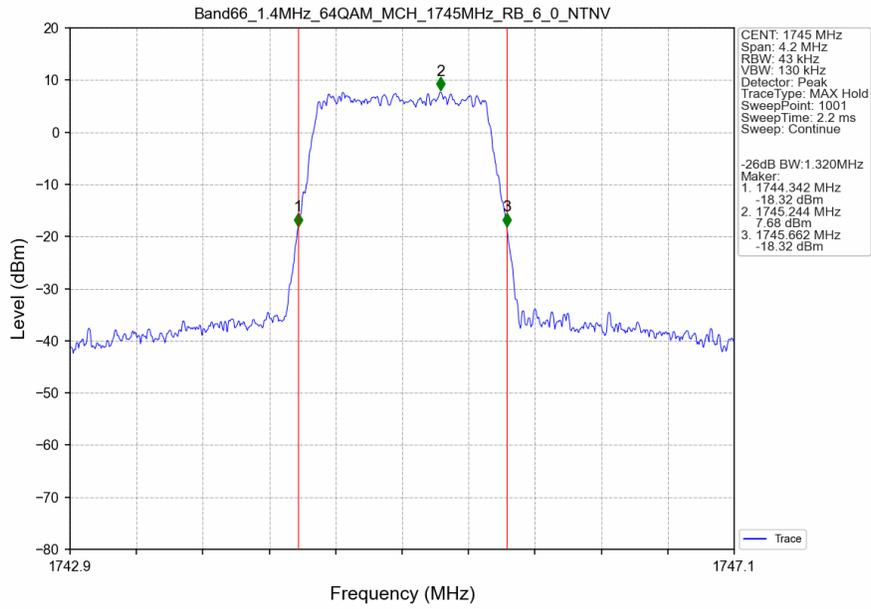
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_6\_0\_NTNV



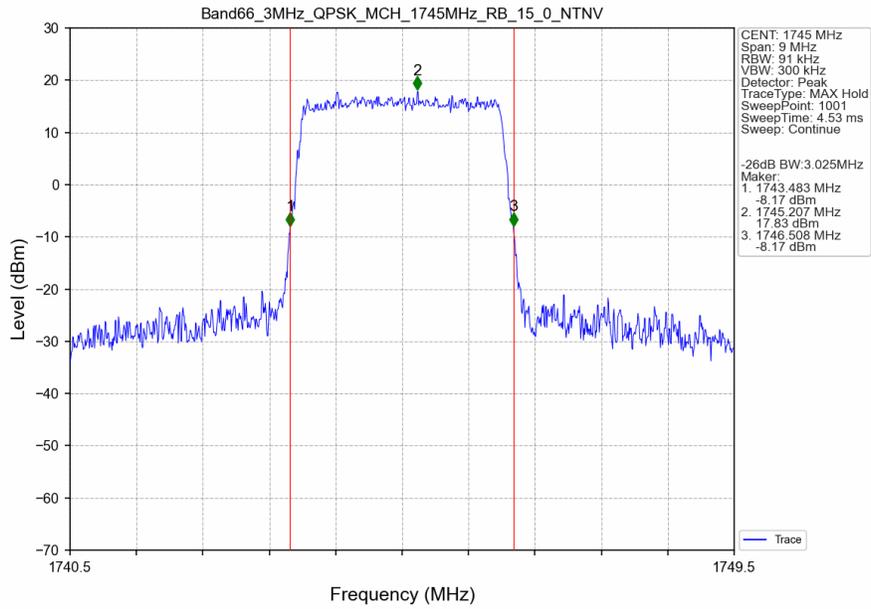
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



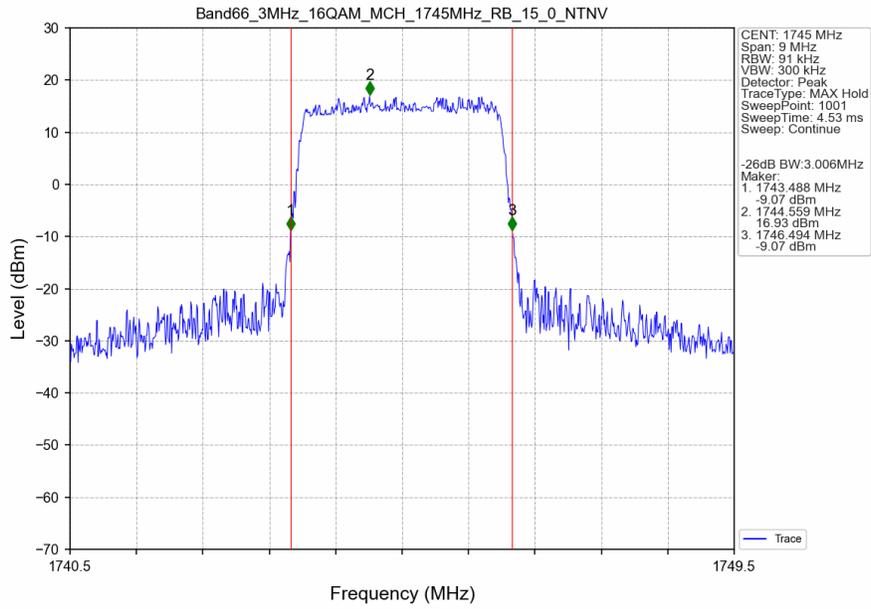
Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



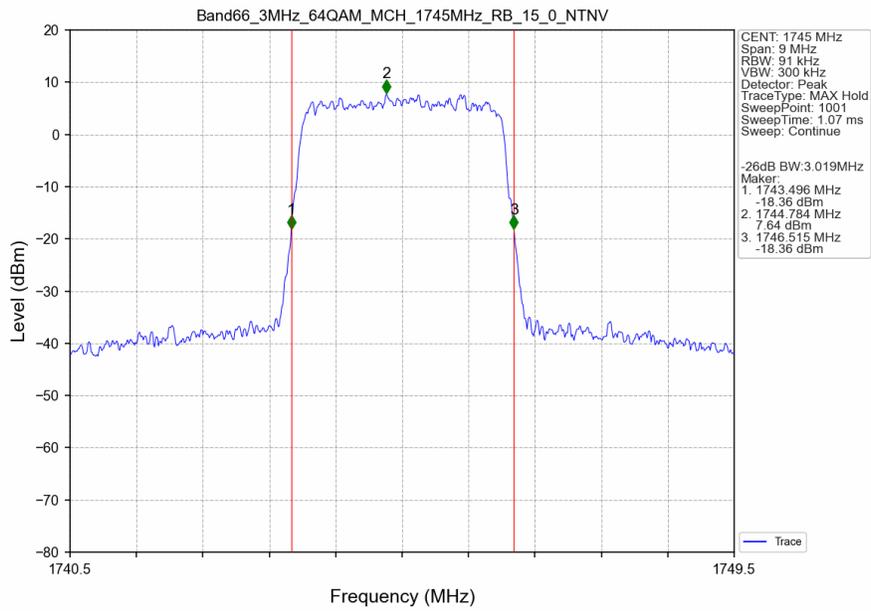
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



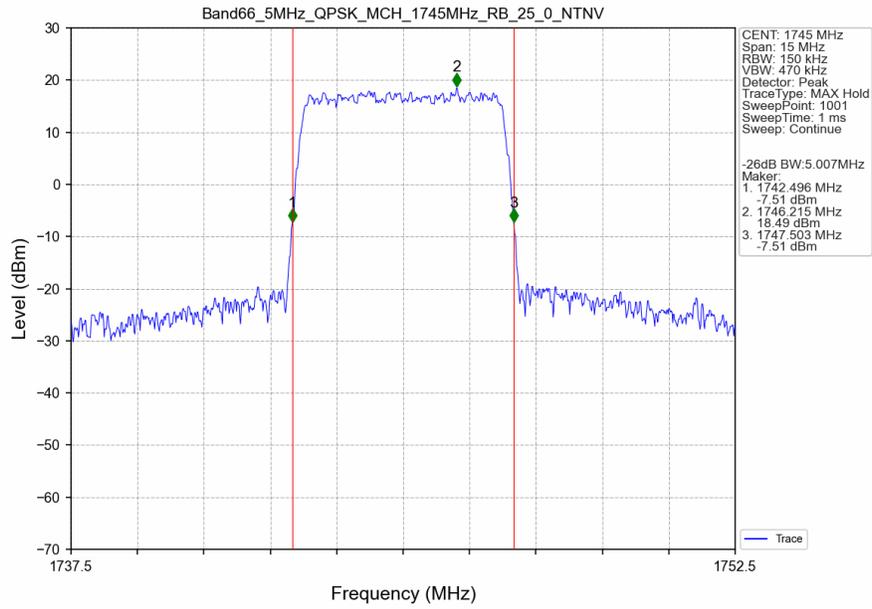
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



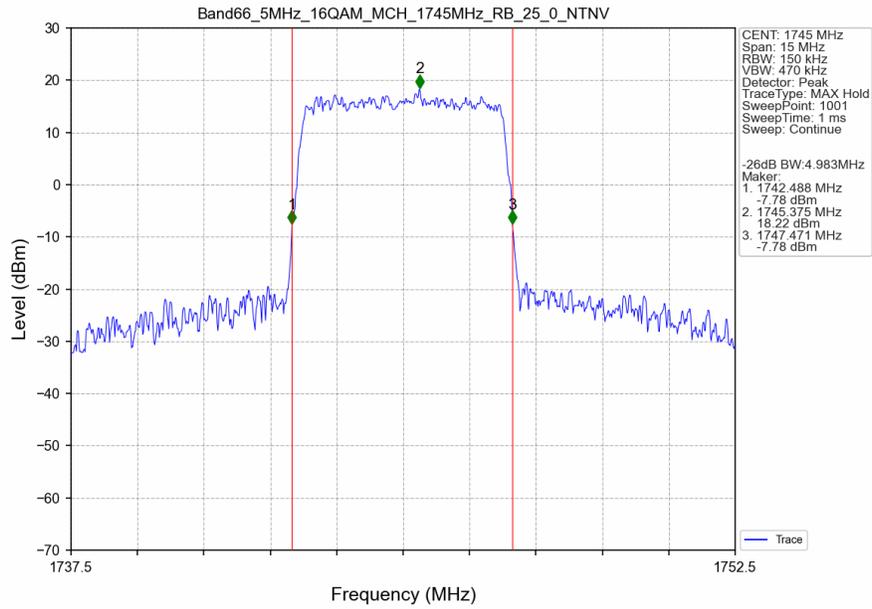
Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



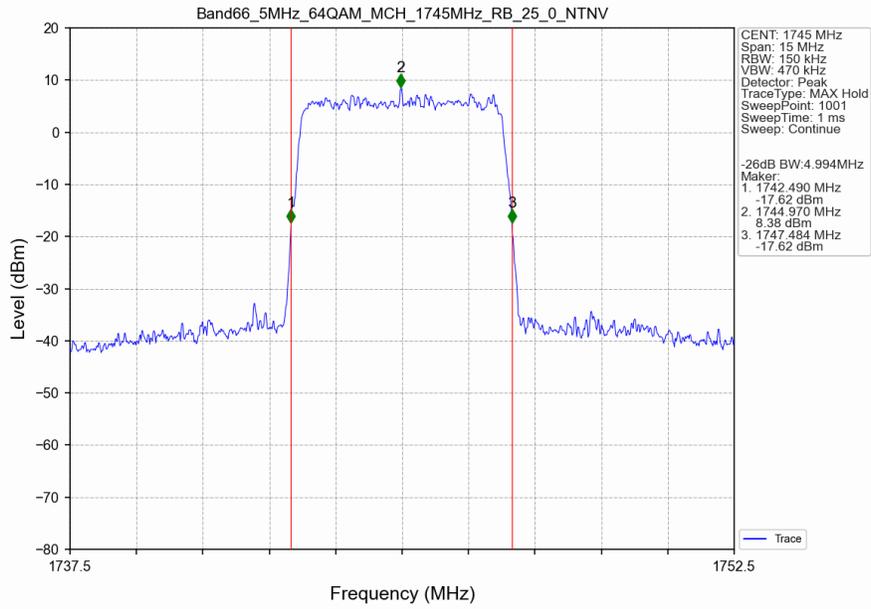
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



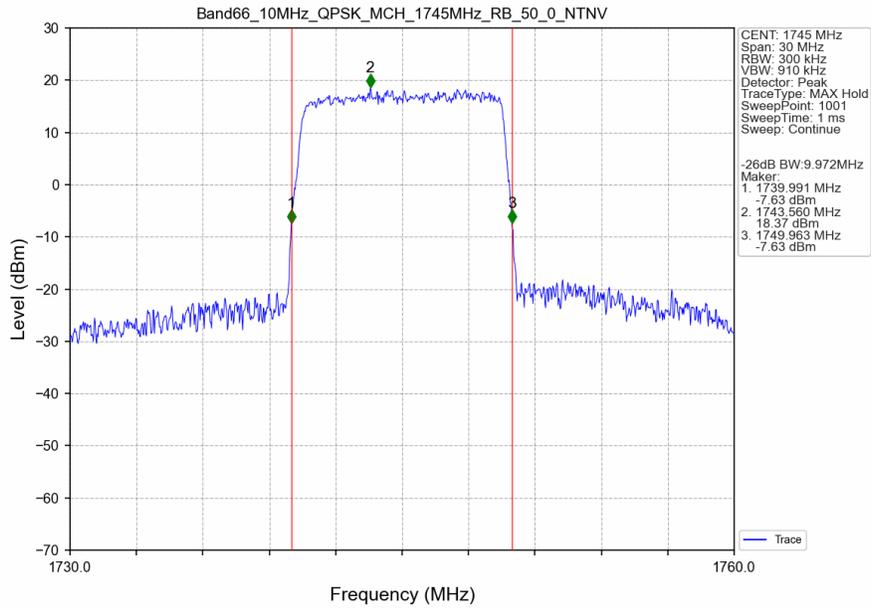
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



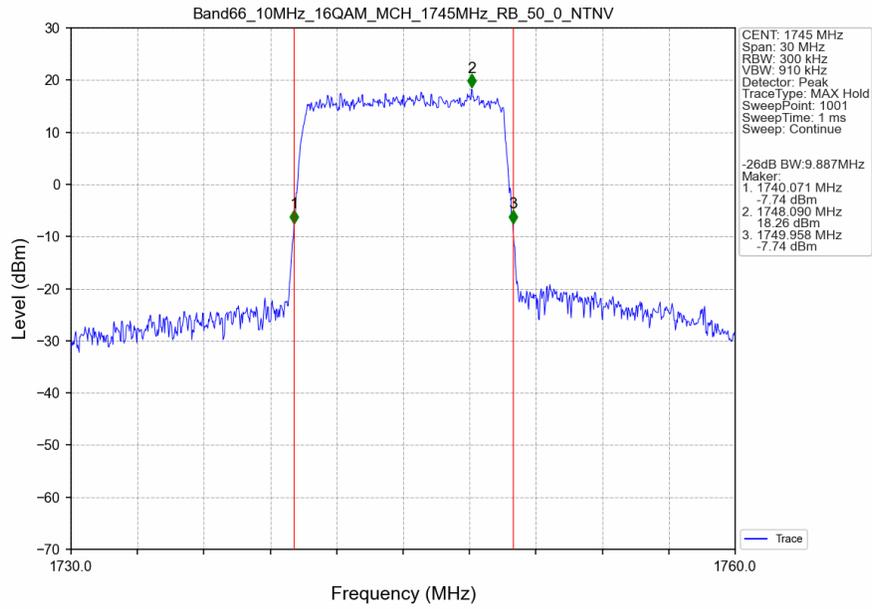
Band66\_5MHz\_64QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



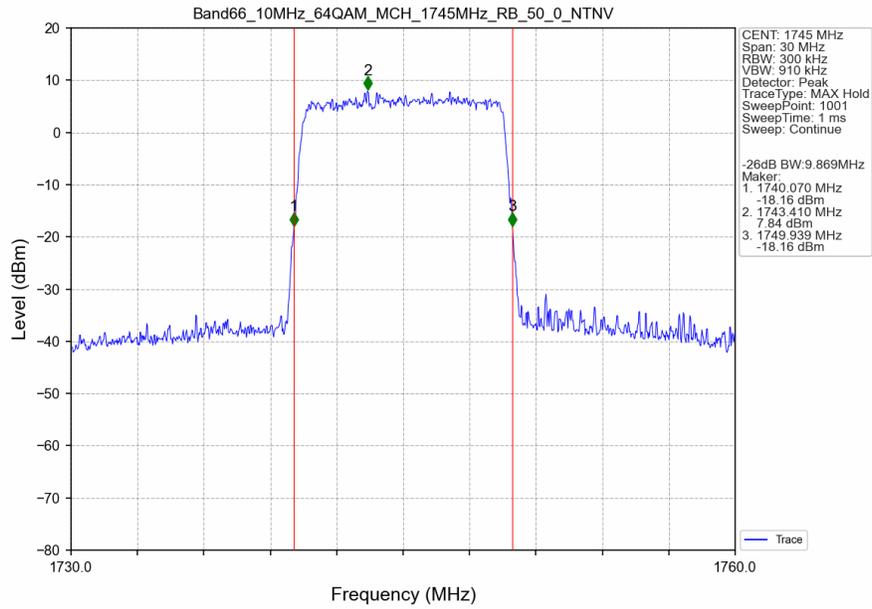
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



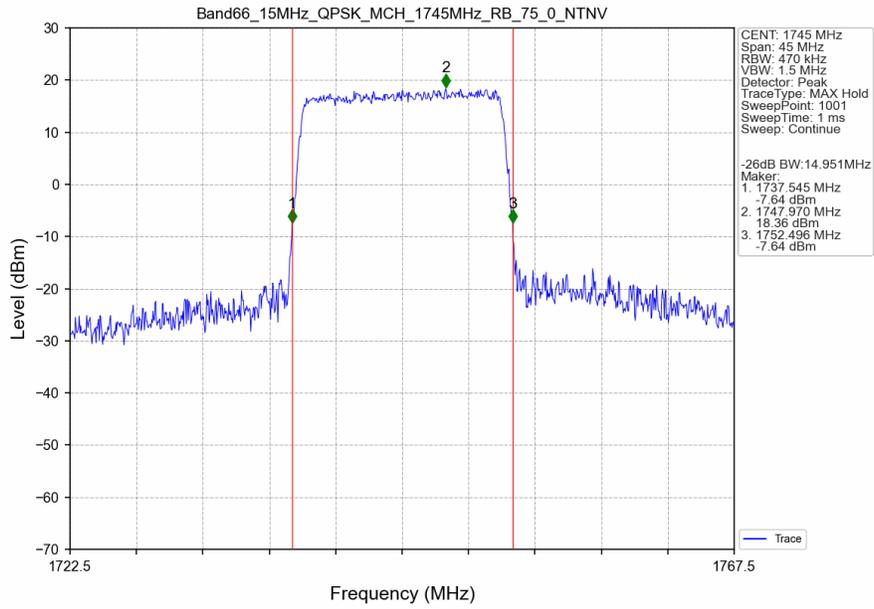
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



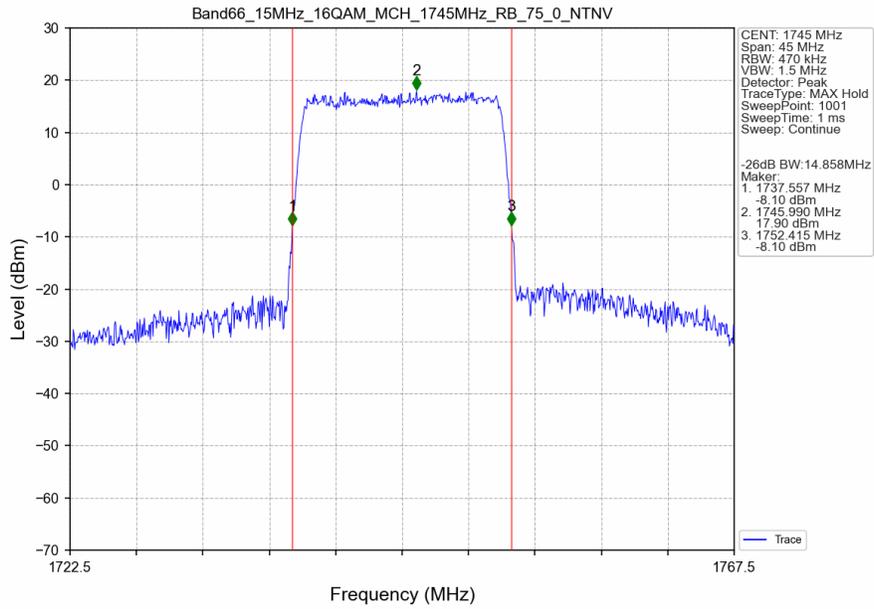
Band66\_10MHz\_64QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



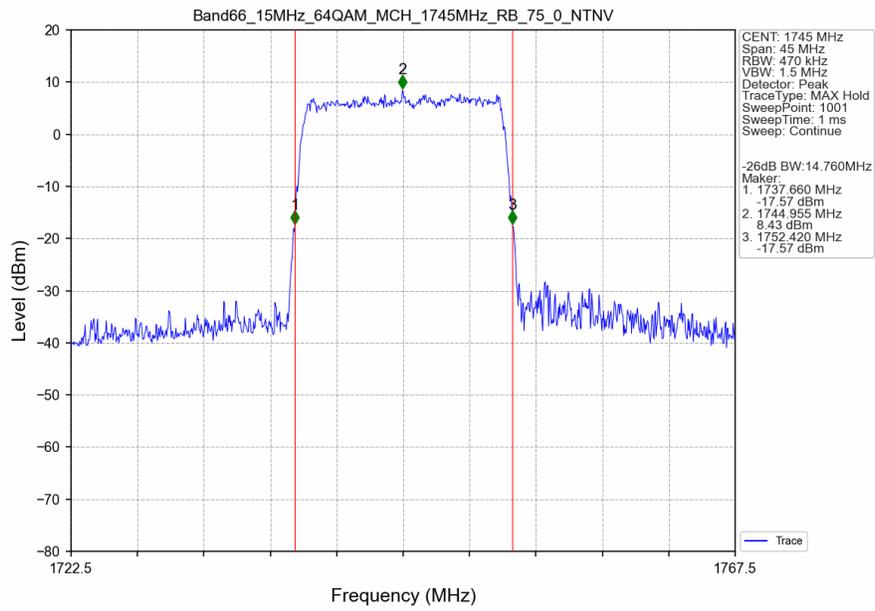
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



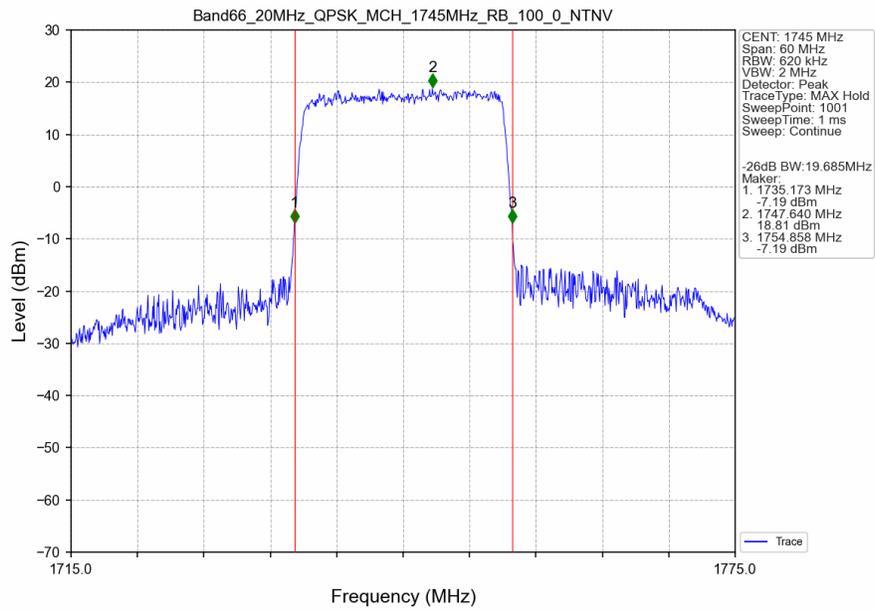
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



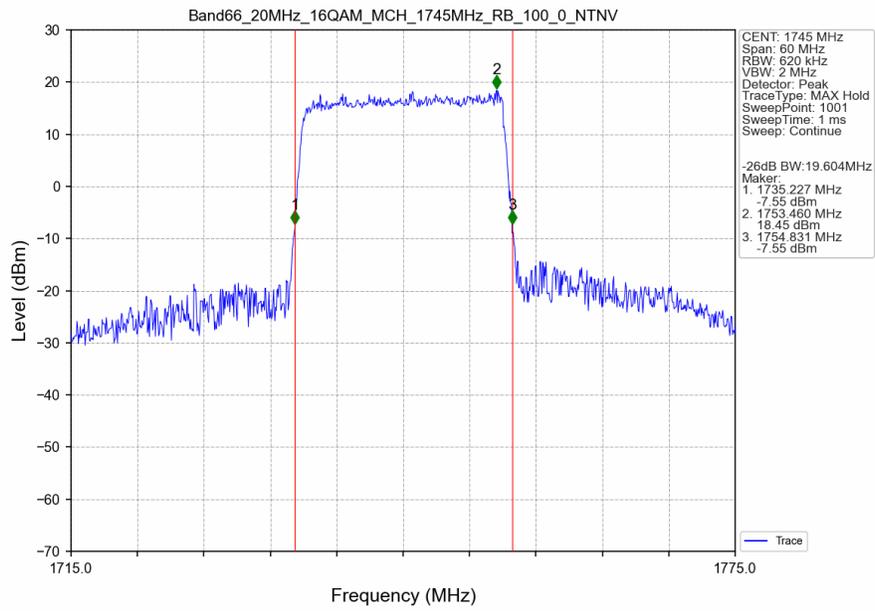
Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



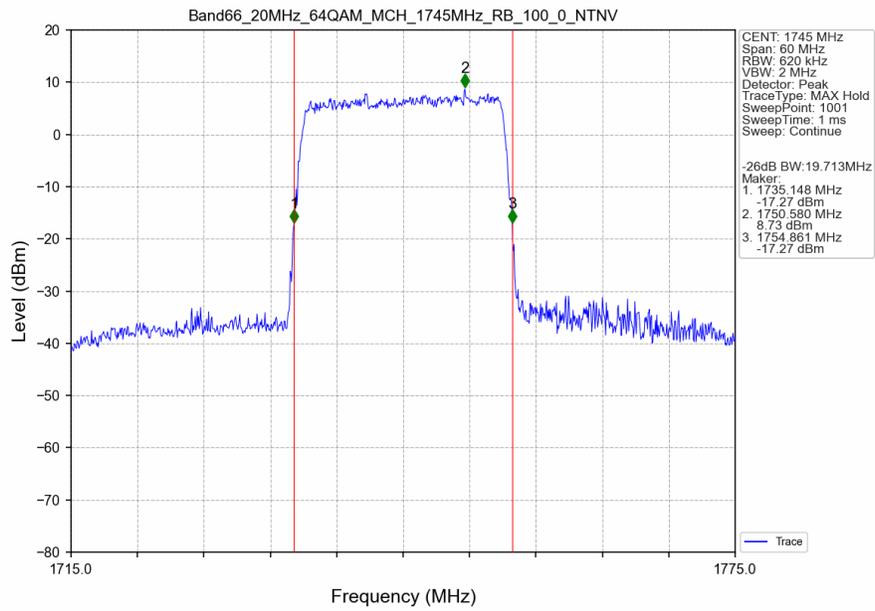
Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



## 4. Peak-Average Ratio

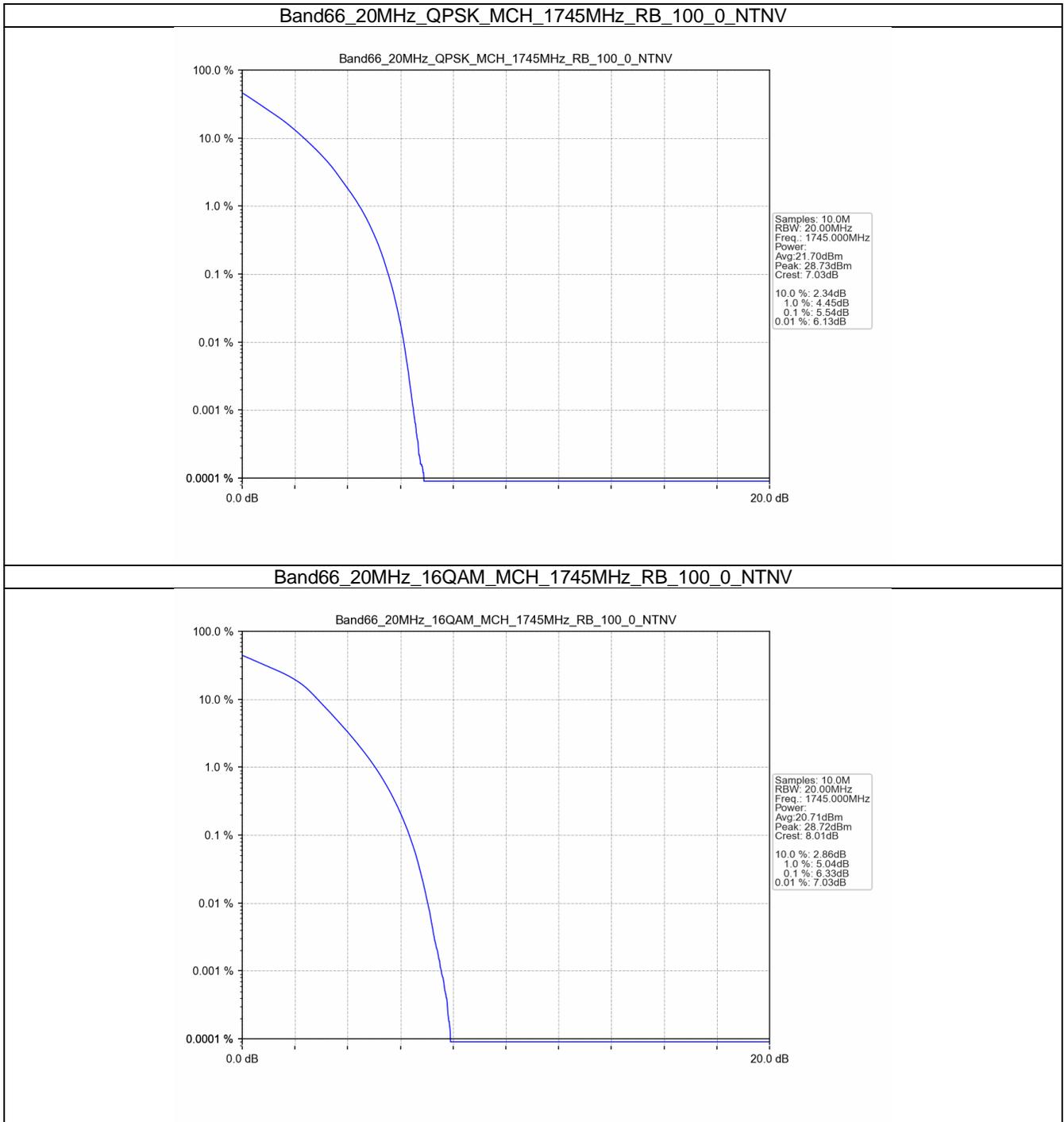
### 4.1 Test Result

#### 4.1.1 B66\_20MHz

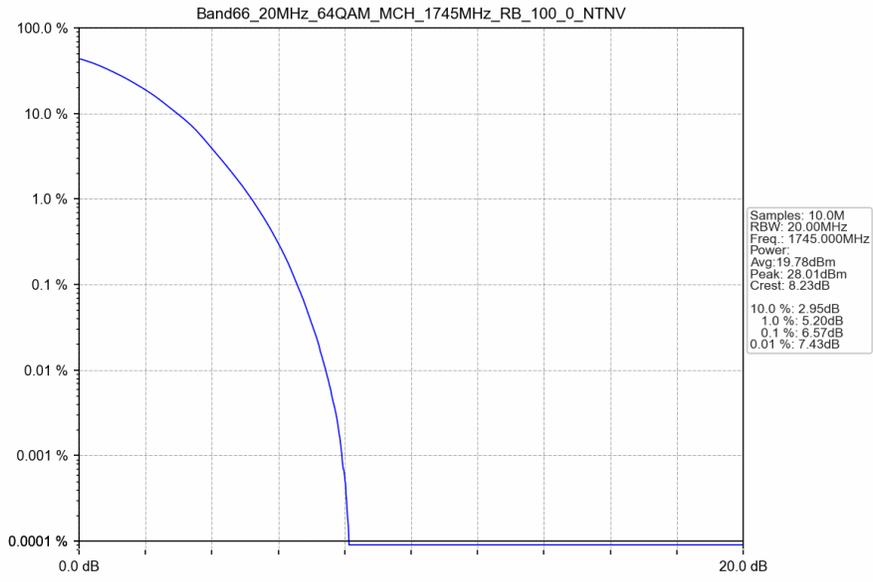
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.54	<=13	Pass
16QAM	1745	100	0	6.33	<=13	Pass
64QAM	1745	100	0	6.57	<=13	Pass

## 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 / NTN						
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 / NTN						
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 / NTN						
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 / NTN						
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

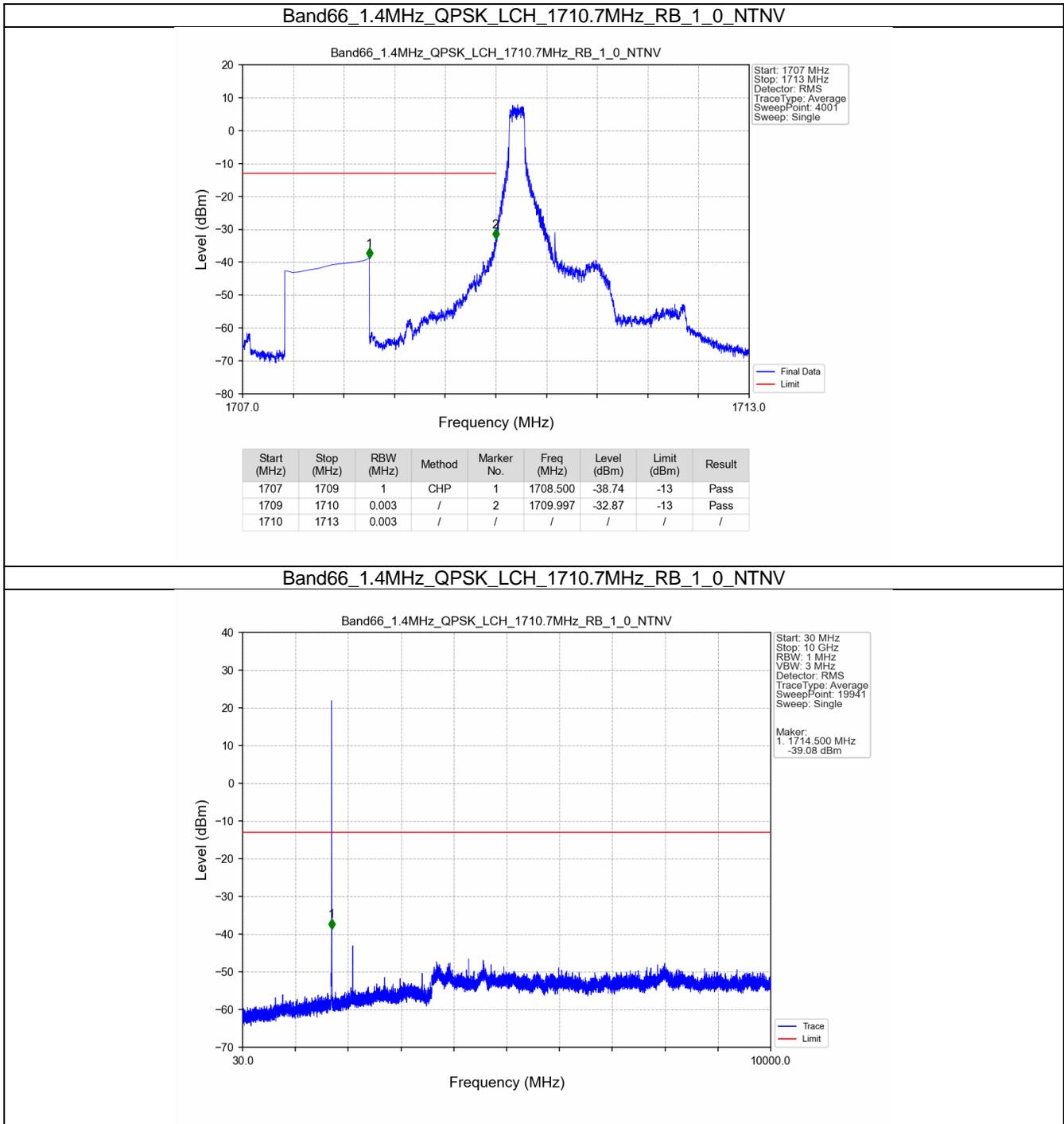
Band: 66 / Bandwidth: 15MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1745	1	0	Refer To Test Graph		Pass	
	1772.5	1		0	Refer To Test Graph		Pass
				74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

### 5.1.6 B66\_20MHz

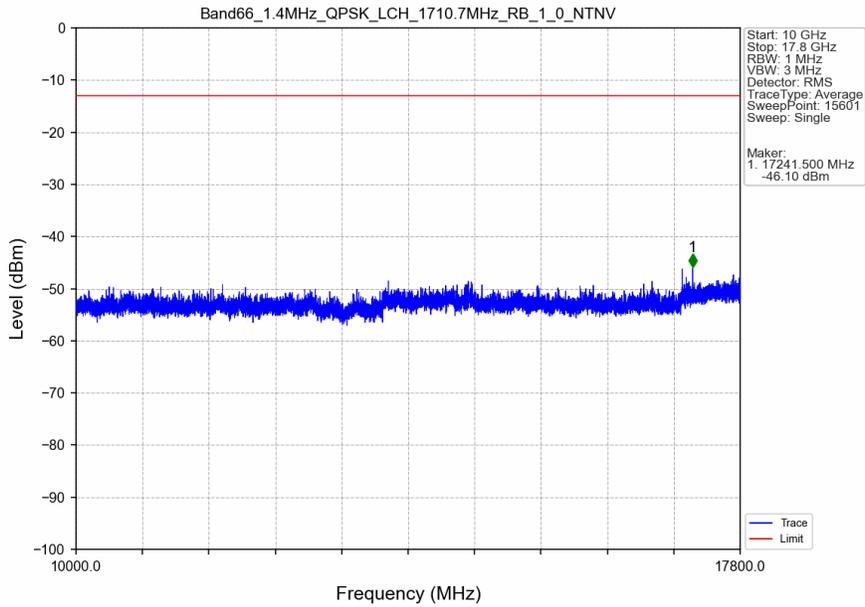
Band: 66 / Bandwidth: 20MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1745	1	0	Refer To Test Graph		Pass	
	1770	1		0	Refer To Test Graph		Pass
				99	Refer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

## 5.2 Test Graph

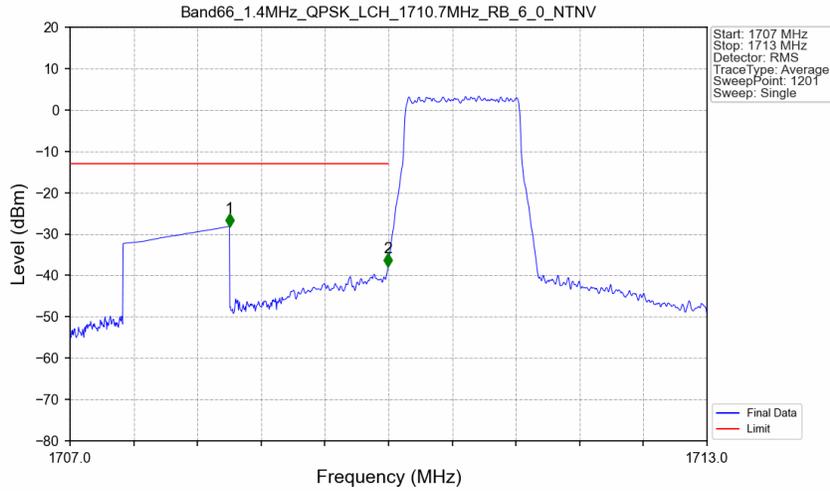
### 5.2.1 B66\_1.4MHz



Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

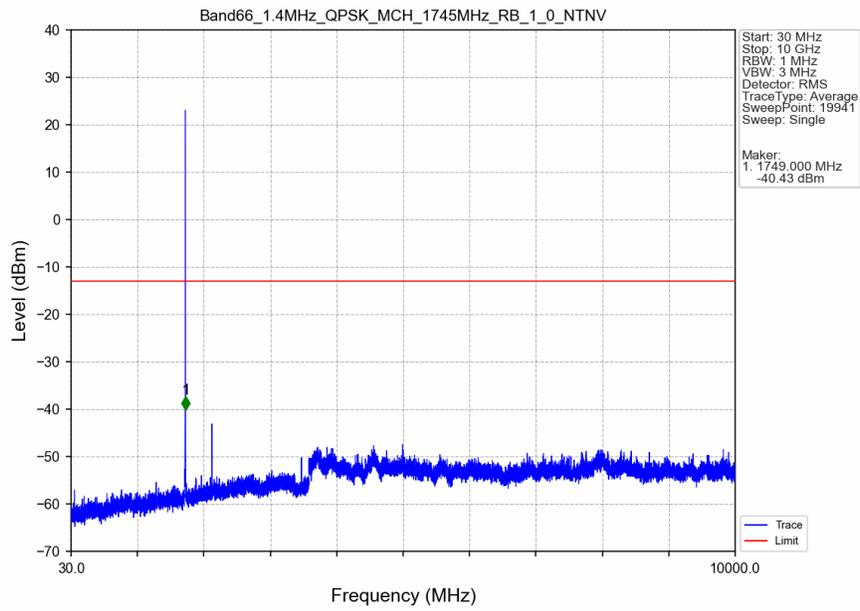


Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

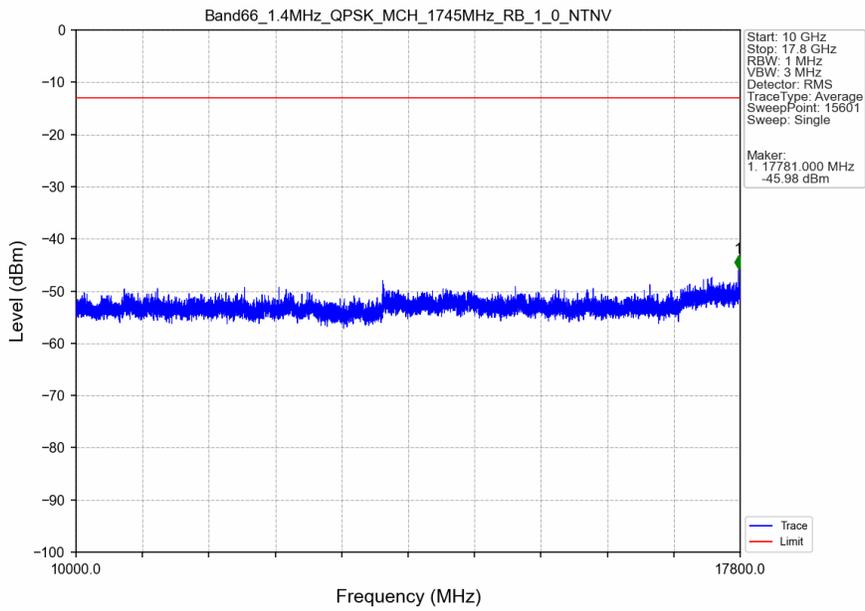


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-28.13	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-37.93	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

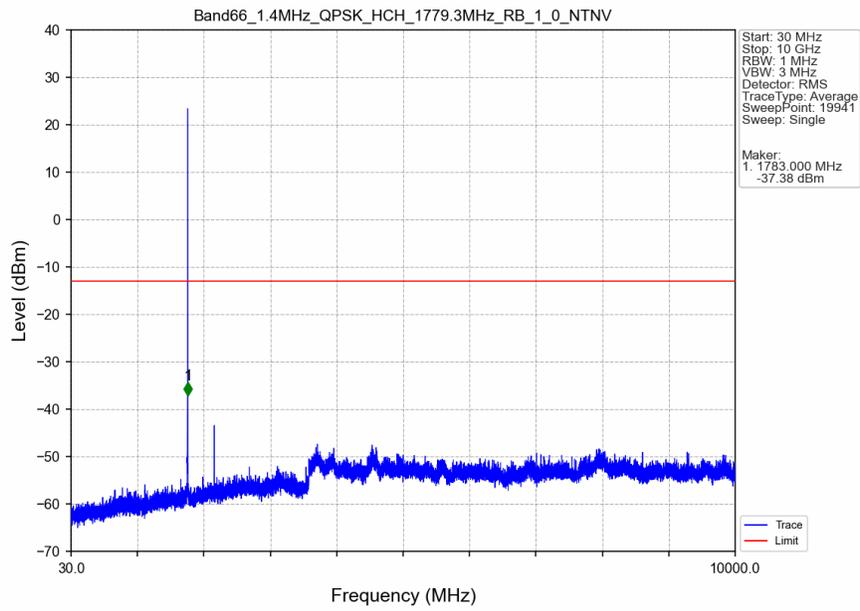
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



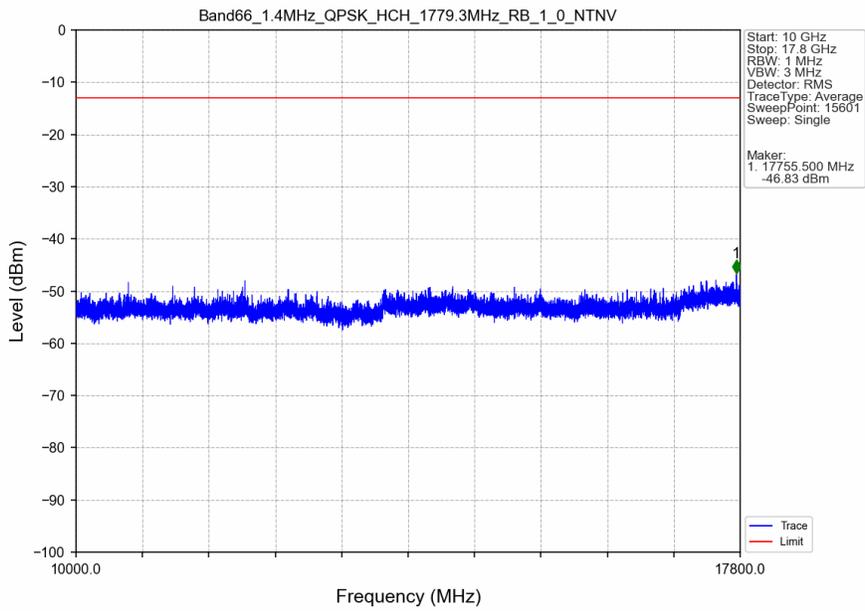
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



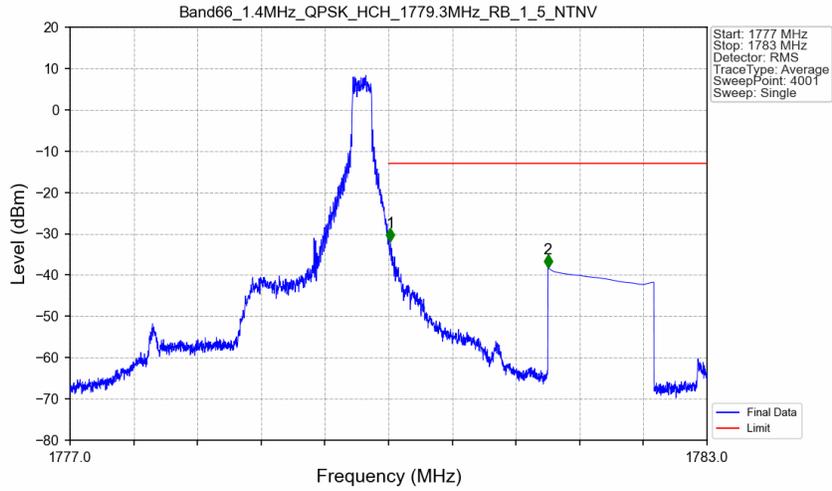
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV

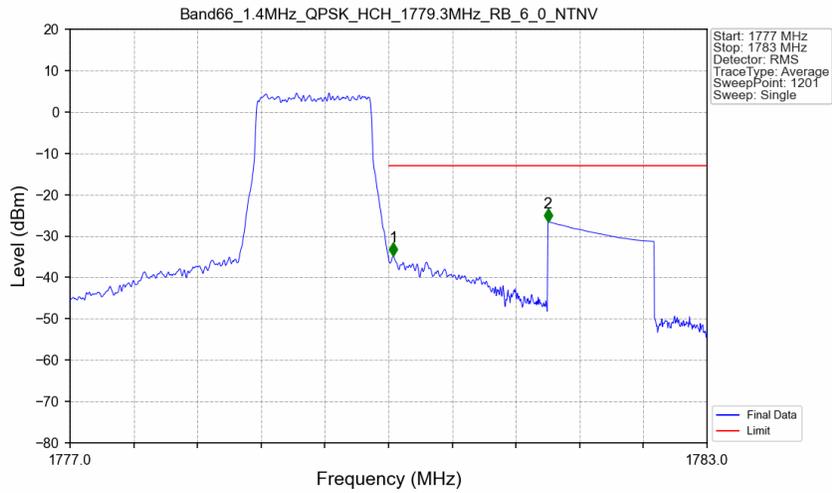


Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_5\_NTNV



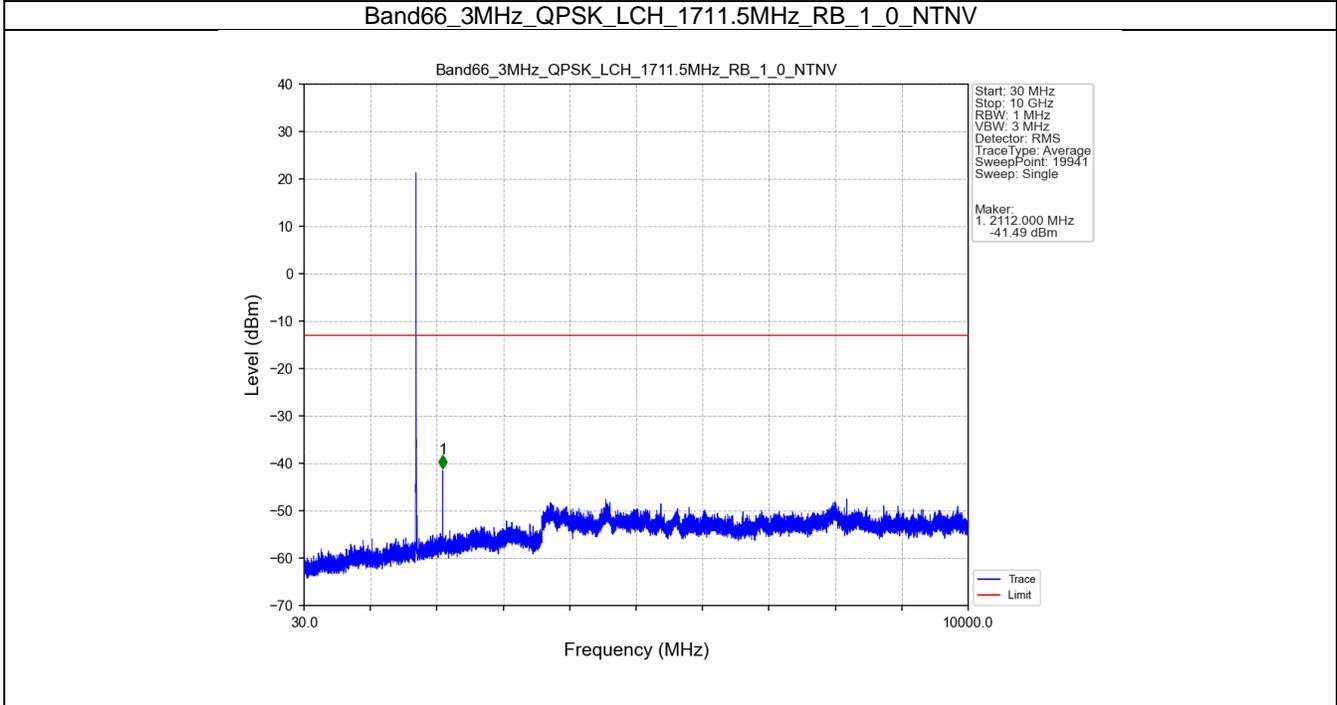
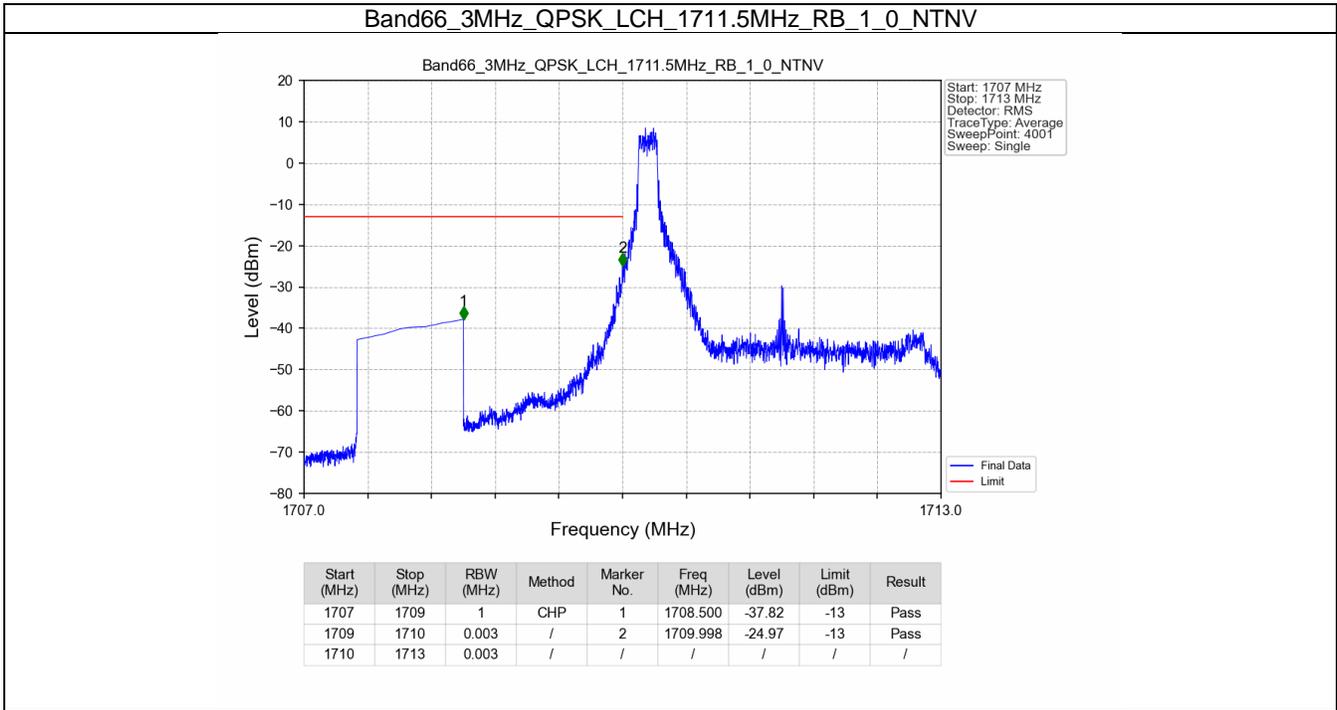
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.016	-31.82	-13	Pass
1781	1783	1	CHP	2	1781.500	-38.31	-13	Pass

Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV

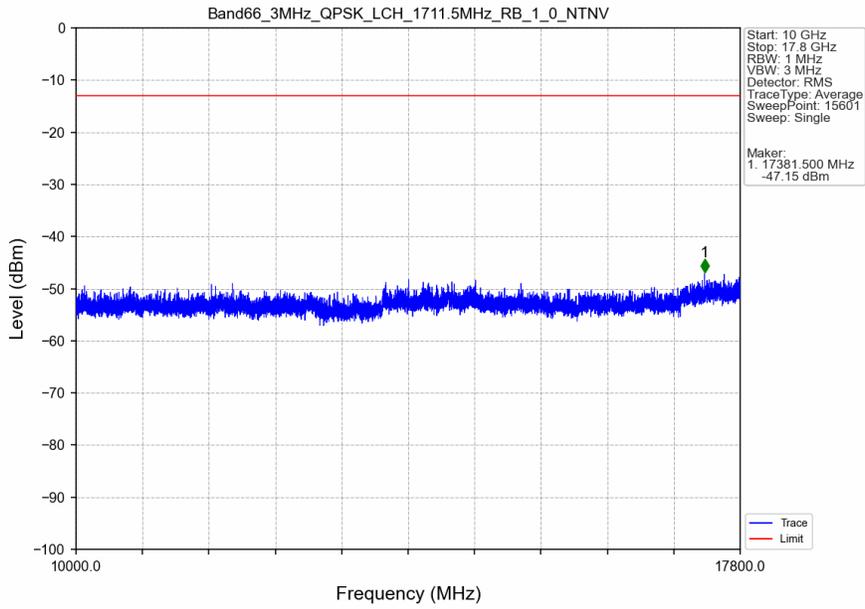


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.045	-34.81	-13	Pass
1781	1783	1	CHP	2	1781.500	-26.50	-13	Pass

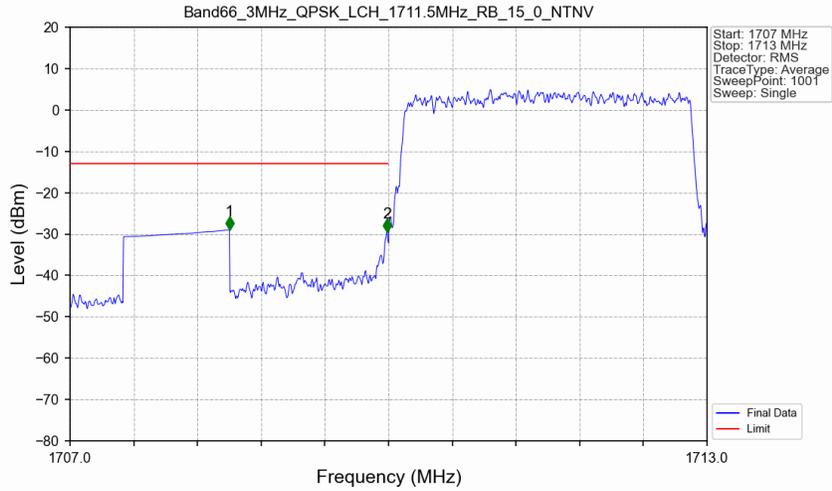
### 5.2.2 B66\_3MHz



Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV

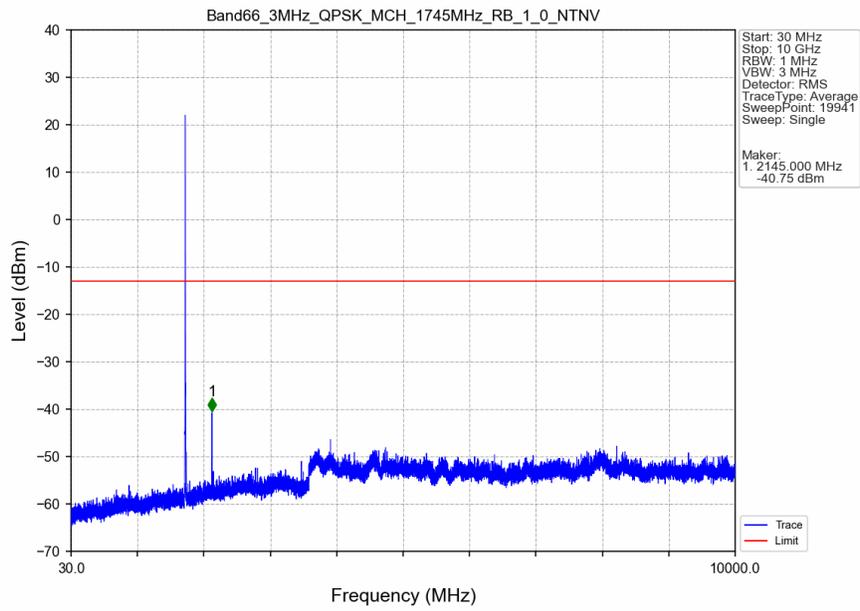


Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

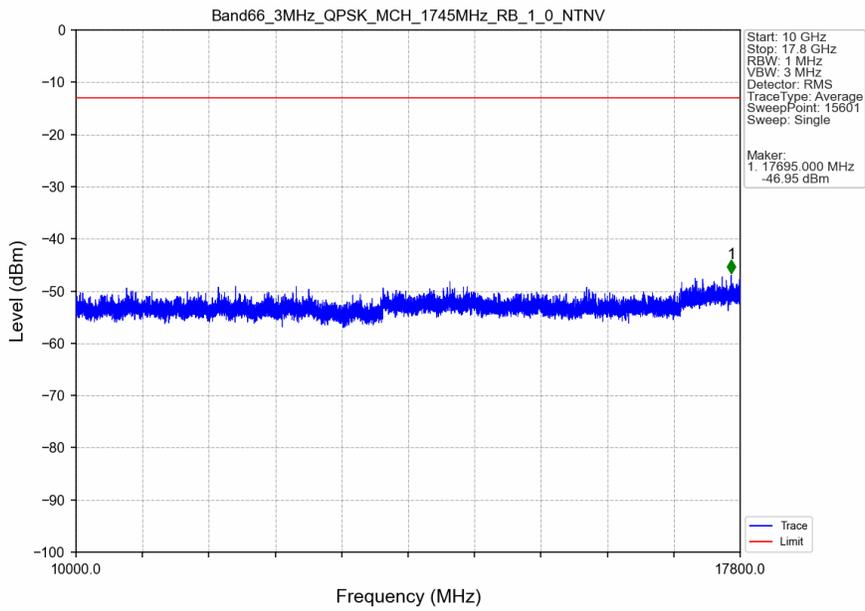


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.00	-13	Pass
1709	1710	0.03	/	2	1709.988	-29.44	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

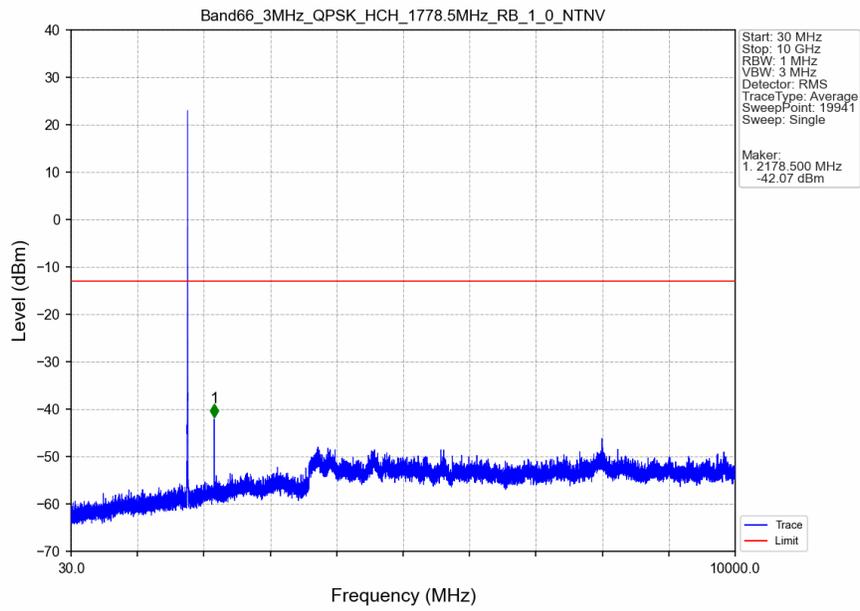
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



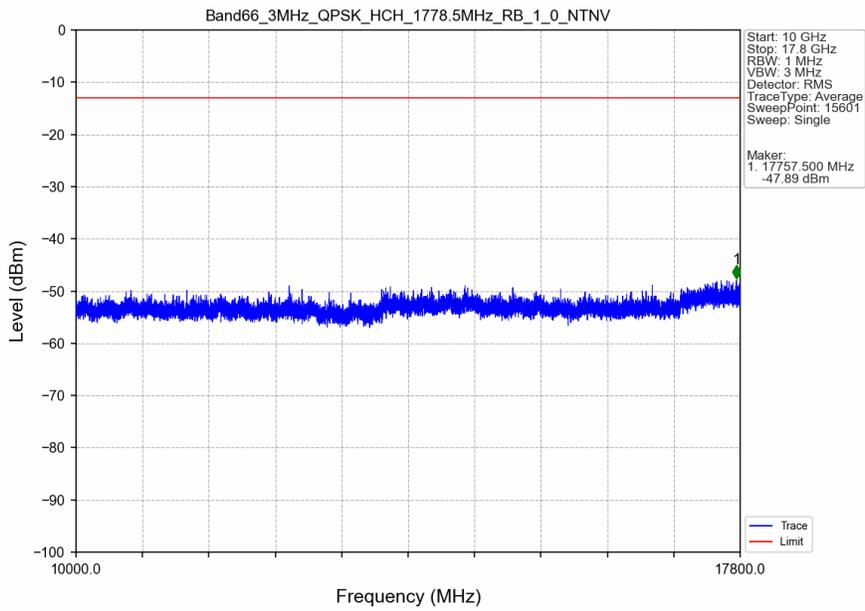
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



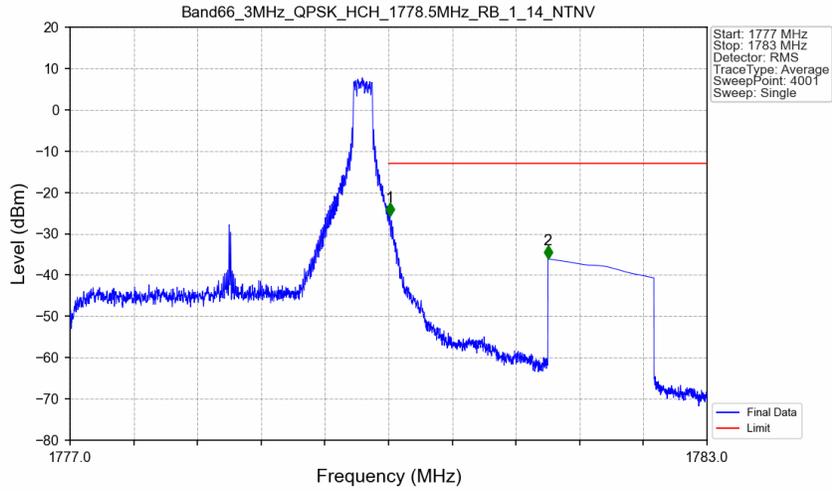
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV

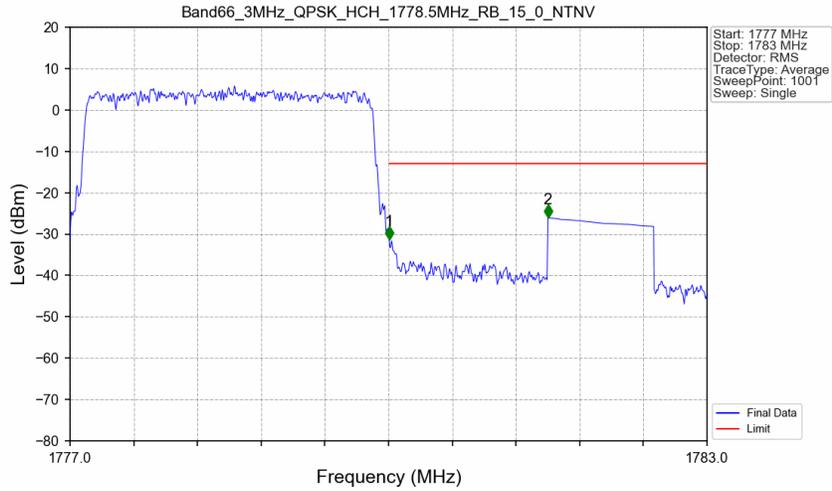


Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_14\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.012	-25.70	-13	Pass
1781	1783	1	CHP	2	1781.500	-36.05	-13	Pass

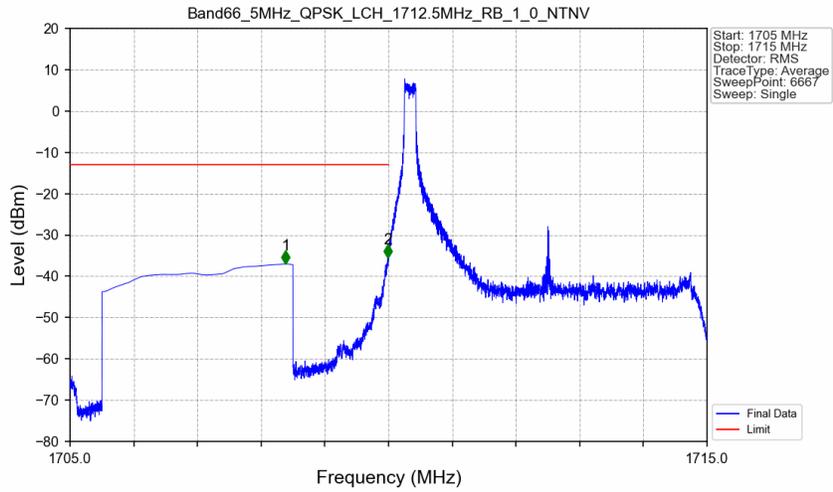
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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	-31.24	-13	Pass
1781	1783	1	CHP	2	1781.500	-26.09	-13	Pass

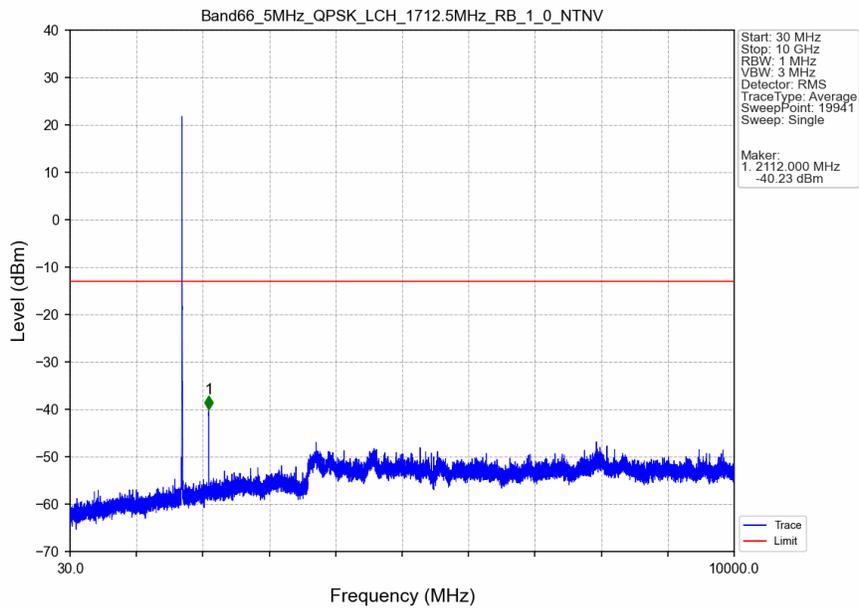
### 5.2.3 B66\_5MHz

Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV

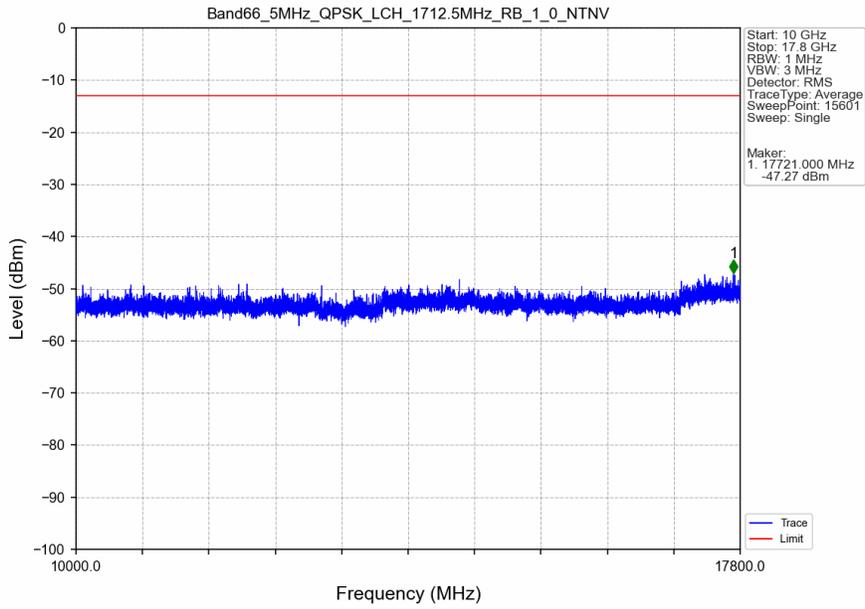


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.386	-37.02	-13	Pass
1709	1710	0.003	/	2	1709.989	-35.52	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

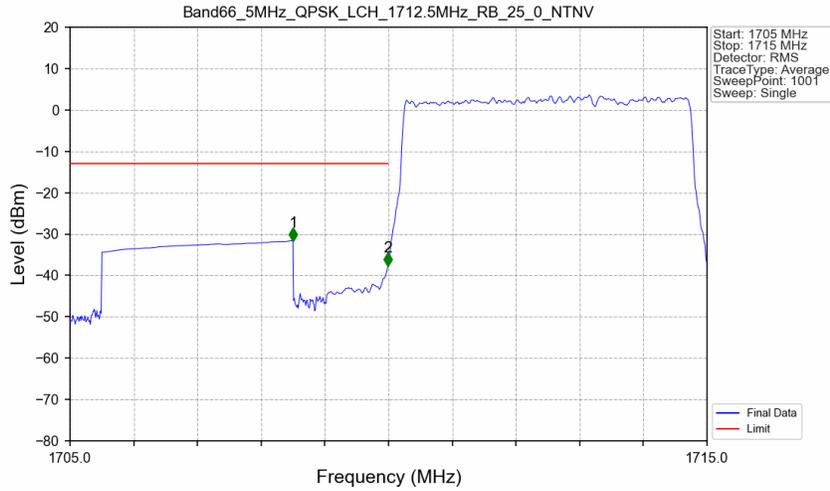
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV

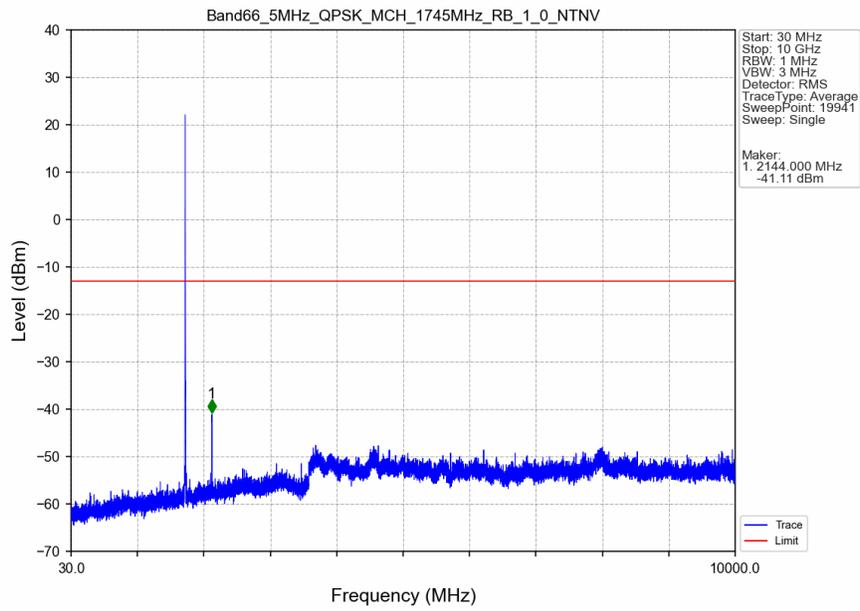


Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

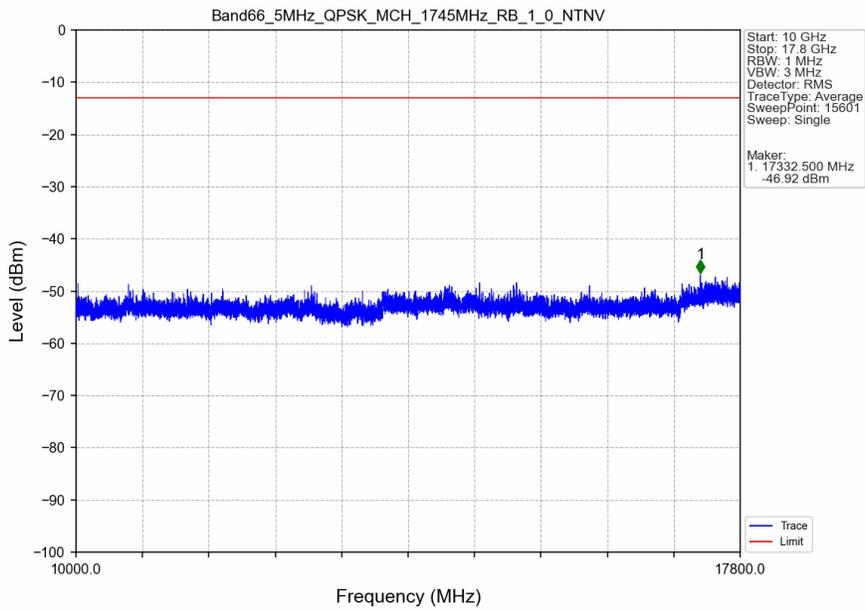


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-31.63	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-37.73	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

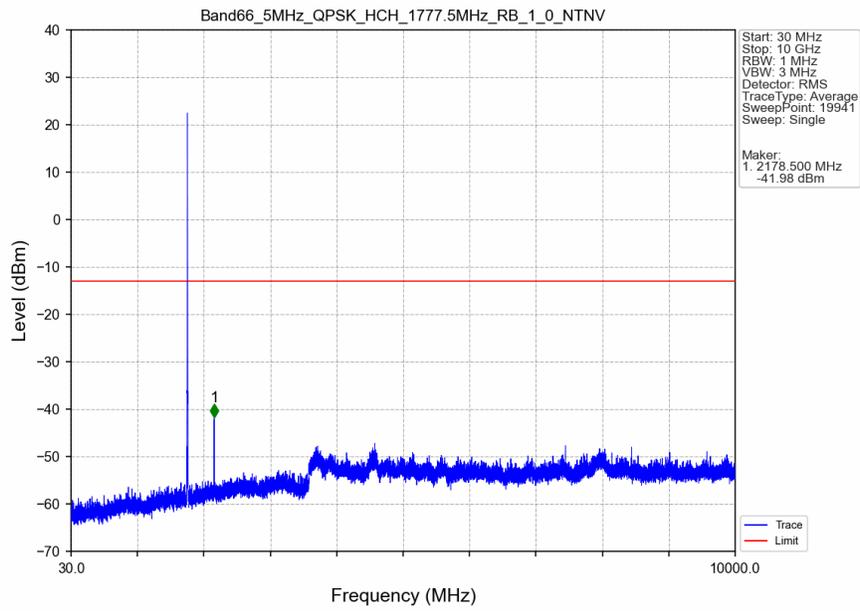
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



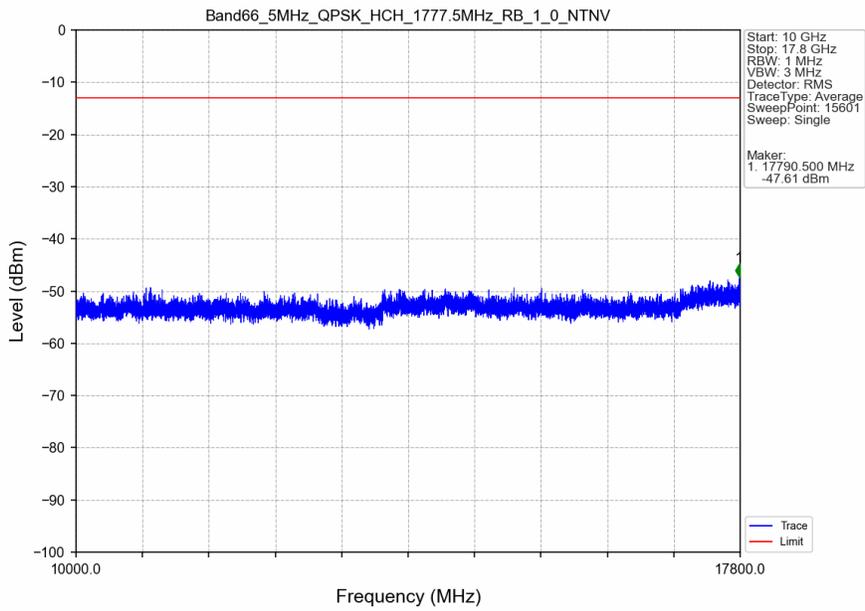
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



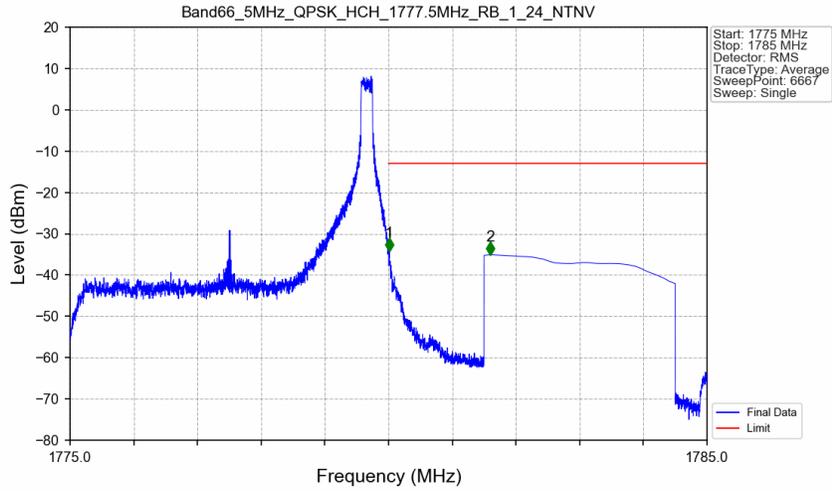
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_0\_NTNV



Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_0\_NTNV

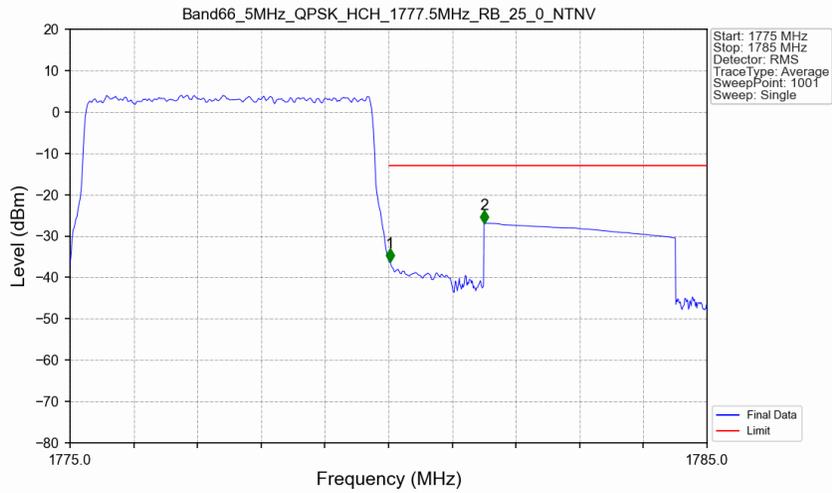


Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_24\_NTNV



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	1780.011	-34.27	-13	Pass
1781	1785	1	CHP	2	1781.596	-35.11	-13	Pass

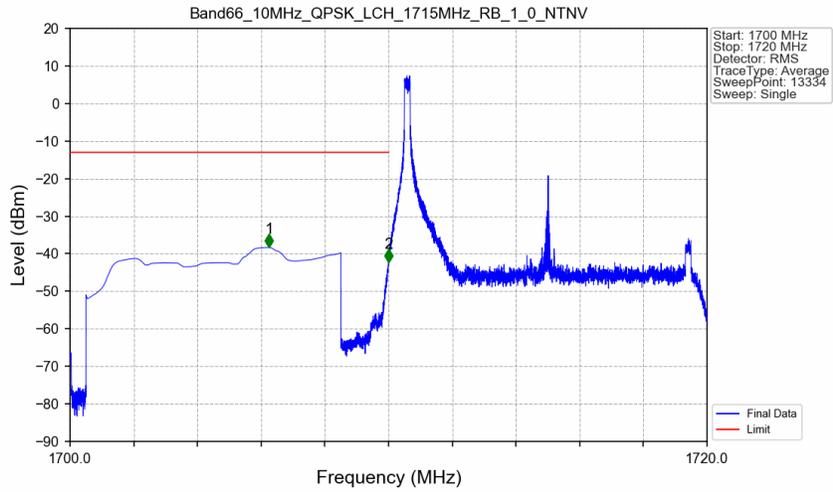
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



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	-36.31	-13	Pass
1781	1785	1	CHP	2	1781.500	-26.94	-13	Pass

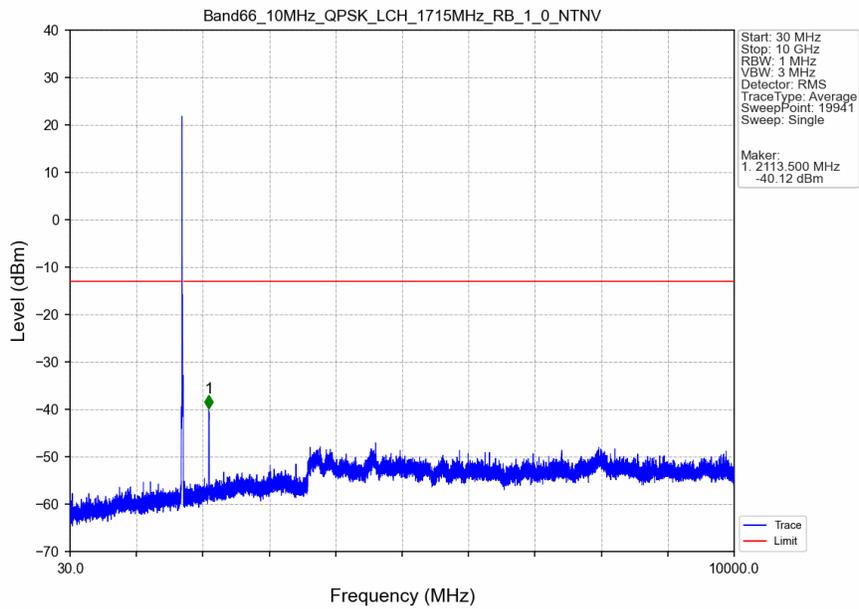
### 5.2.4 B66\_10MHz

Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV

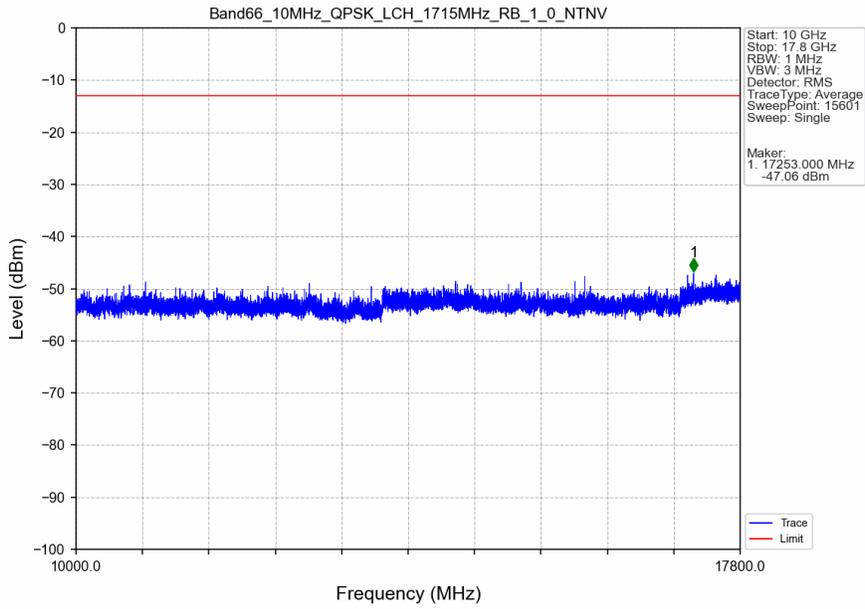


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.251	-38.33	-13	Pass
1709	1710	0.003	/	2	1709.999	-42.34	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

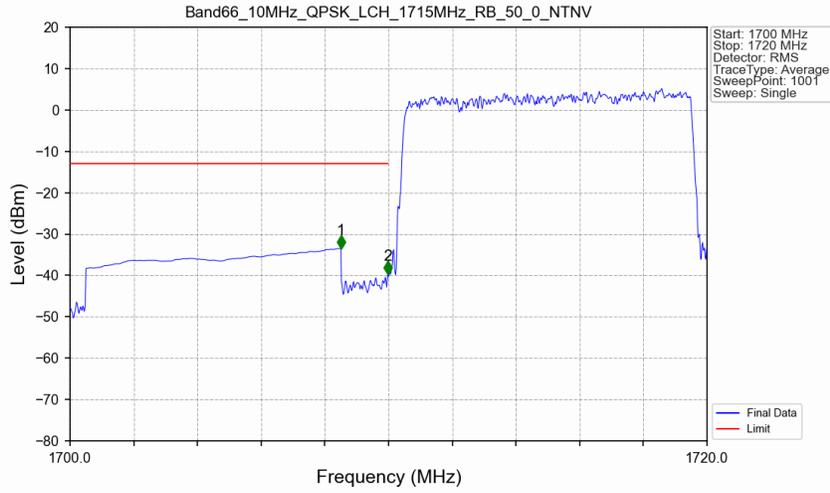
Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV



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	1708.500	-33.48	-13	Pass
1709	1710	0.1	/	2	1709.980	-39.78	-13	Pass
1710	1720	0.1	/	/	/	/	/	/