

# 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	23.24	-1.00	22.24	<=30	Pass		
			2	23.18	-1.00	22.18	<=30	Pass		
			5	23.20	-1.00	22.20	<=30	Pass		
		3	0	23.19	-1.00	22.19	<=30	Pass		
			2	23.21	-1.00	22.21	<=30	Pass		
			3	23.20	-1.00	22.20	<=30	Pass		
		6	0	22.23	-1.00	21.23	<=30	Pass		
		1745	1	0	22.97	-1.00	21.97	<=30	Pass	
				2	23.08	-1.00	22.08	<=30	Pass	
	5			23.06	-1.00	22.06	<=30	Pass		
	3		0	23.04	-1.00	22.04	<=30	Pass		
			2	22.87	-1.00	21.87	<=30	Pass		
			3	22.92	-1.00	21.92	<=30	Pass		
	6	0	21.98	-1.00	20.98	<=30	Pass			
	1779.3	1	0	22.53	-1.00	21.53	<=30	Pass		
			2	22.61	-1.00	21.61	<=30	Pass		
			5	22.67	-1.00	21.67	<=30	Pass		
		3	0	22.88	-1.00	21.88	<=30	Pass		
			2	22.86	-1.00	21.86	<=30	Pass		
			3	22.84	-1.00	21.84	<=30	Pass		
		6	0	21.88	-1.00	20.88	<=30	Pass		
		16QAM	1710.7	1	0	22.36	-1.00	21.36	<=30	Pass
					2	22.29	-1.00	21.29	<=30	Pass
	5				22.32	-1.00	21.32	<=30	Pass	
3	0			22.00	-1.00	21.00	<=30	Pass		
	2			22.16	-1.00	21.16	<=30	Pass		
	3			22.17	-1.00	21.17	<=30	Pass		
6	0			21.19	-1.00	20.19	<=30	Pass		
1745	1			0	21.64	-1.00	20.64	<=30	Pass	
				2	22.11	-1.00	21.11	<=30	Pass	
			5	22.26	-1.00	21.26	<=30	Pass		
	3		0	21.99	-1.00	20.99	<=30	Pass		
			2	22.06	-1.00	21.06	<=30	Pass		
			3	21.90	-1.00	20.90	<=30	Pass		
6	0		20.99	-1.00	19.99	<=30	Pass			
1779.3	1		0	22.14	-1.00	21.14	<=30	Pass		
			2	21.90	-1.00	20.90	<=30	Pass		
			5	21.87	-1.00	20.87	<=30	Pass		
	3		0	21.82	-1.00	20.82	<=30	Pass		
			2	21.85	-1.00	20.85	<=30	Pass		
			3	21.80	-1.00	20.80	<=30	Pass		
	6		0	21.01	-1.00	20.01	<=30	Pass		
	64QAM		1710.7	1	0	21.44	-1.00	20.44	<=30	Pass
					2	21.08	-1.00	20.08	<=30	Pass
5					21.26	-1.00	20.26	<=30	Pass	
3		0		21.29	-1.00	20.29	<=30	Pass		
		2		21.28	-1.00	20.28	<=30	Pass		
		3		21.21	-1.00	20.21	<=30	Pass		
6		0		20.17	-1.00	19.17	<=30	Pass		

	1745	1	0	20.85	-1.00	19.85	<=30	Pass	
			2	20.72	-1.00	19.72	<=30	Pass	
			5	20.94	-1.00	19.94	<=30	Pass	
		3	0	21.08	-1.00	20.08	<=30	Pass	
			2	21.01	-1.00	20.01	<=30	Pass	
			3	21.02	-1.00	20.02	<=30	Pass	
	6	0	19.95	-1.00	18.95	<=30	Pass		
	1779.3	1	0	20.69	-1.00	19.69	<=30	Pass	
			2	20.86	-1.00	19.86	<=30	Pass	
			5	20.76	-1.00	19.76	<=30	Pass	
		3	0	21.01	-1.00	20.01	<=30	Pass	
			2	20.99	-1.00	19.99	<=30	Pass	
			3	20.94	-1.00	19.94	<=30	Pass	
	6	0	19.85	-1.00	18.85	<=30	Pass		
	256QAM	1710.7	1	0	18.35	-1.00	17.35	<=30	Pass
				2	18.12	-1.00	17.12	<=30	Pass
				5	18.30	-1.00	17.30	<=30	Pass
			3	0	18.32	-1.00	17.32	<=30	Pass
2				18.29	-1.00	17.29	<=30	Pass	
3				18.31	-1.00	17.31	<=30	Pass	
6		0	18.14	-1.00	17.14	<=30	Pass		
1745		1	0	17.88	-1.00	16.88	<=30	Pass	
			2	18.05	-1.00	17.05	<=30	Pass	
			5	18.05	-1.00	17.05	<=30	Pass	
		3	0	18.05	-1.00	17.05	<=30	Pass	
			2	18.05	-1.00	17.05	<=30	Pass	
			3	18.11	-1.00	17.11	<=30	Pass	
6		0	17.94	-1.00	16.94	<=30	Pass		
1779.3		1	0	17.94	-1.00	16.94	<=30	Pass	
			2	17.90	-1.00	16.90	<=30	Pass	
			5	17.92	-1.00	16.92	<=30	Pass	
		3	0	17.99	-1.00	16.99	<=30	Pass	
	2		17.96	-1.00	16.96	<=30	Pass		
	3		17.96	-1.00	16.96	<=30	Pass		
6	0	17.80	-1.00	16.80	<=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	23.20	-1.00	22.20	<=30	Pass
			7	23.22	-1.00	22.22	<=30	Pass
			14	23.19	-1.00	22.19	<=30	Pass
		8	0	22.24	-1.00	21.24	<=30	Pass
			4	22.31	-1.00	21.31	<=30	Pass
			7	22.26	-1.00	21.26	<=30	Pass
	15	0	22.25	-1.00	21.25	<=30	Pass	
	1745	1	0	22.99	-1.00	21.99	<=30	Pass
			7	22.61	-1.00	21.61	<=30	Pass
			14	22.93	-1.00	21.93	<=30	Pass
		8	0	21.96	-1.00	20.96	<=30	Pass
			4	21.93	-1.00	20.93	<=30	Pass
			7	21.98	-1.00	20.98	<=30	Pass
	15	0	21.97	-1.00	20.97	<=30	Pass	
	1778.5	1	0	22.61	-1.00	21.61	<=30	Pass

16QAM	1711.5	8	7	22.75	-1.00	21.75	<=30	Pass		
			14	22.85	-1.00	21.85	<=30	Pass		
			0	21.89	-1.00	20.89	<=30	Pass		
		15	8	4	21.91	-1.00	20.91	<=30	Pass	
				7	21.86	-1.00	20.86	<=30	Pass	
				0	21.88	-1.00	20.88	<=30	Pass	
	1745	1	8	0	22.28	-1.00	21.28	<=30	Pass	
				7	22.41	-1.00	21.41	<=30	Pass	
				14	22.28	-1.00	21.28	<=30	Pass	
		8	15	0	21.36	-1.00	20.36	<=30	Pass	
				4	21.33	-1.00	20.33	<=30	Pass	
				7	21.32	-1.00	20.32	<=30	Pass	
		1778.5	1	8	0	21.23	-1.00	20.23	<=30	Pass
					7	22.12	-1.00	21.12	<=30	Pass
					14	22.19	-1.00	21.19	<=30	Pass
8			15	0	22.00	-1.00	21.00	<=30	Pass	
				4	21.05	-1.00	20.05	<=30	Pass	
				7	21.03	-1.00	20.03	<=30	Pass	
1778.5	1		8	0	21.08	-1.00	20.08	<=30	Pass	
				7	21.02	-1.00	20.02	<=30	Pass	
				14	21.95	-1.00	20.95	<=30	Pass	
	8	15	0	22.05	-1.00	21.05	<=30	Pass		
			4	22.04	-1.00	21.04	<=30	Pass		
			7	21.01	-1.00	20.01	<=30	Pass		
64QAM	1711.5	1	8	0	20.92	-1.00	19.92	<=30	Pass	
				4	20.91	-1.00	19.91	<=30	Pass	
				7	20.92	-1.00	19.92	<=30	Pass	
		8	15	0	20.88	-1.00	19.88	<=30	Pass	
				4	21.12	-1.00	20.12	<=30	Pass	
				7	21.31	-1.00	20.31	<=30	Pass	
	1745	1	8	14	21.33	-1.00	20.33	<=30	Pass	
				0	20.31	-1.00	19.31	<=30	Pass	
				4	20.32	-1.00	19.32	<=30	Pass	
		8	15	7	20.30	-1.00	19.30	<=30	Pass	
				0	20.32	-1.00	19.32	<=30	Pass	
				4	21.07	-1.00	20.07	<=30	Pass	
		1778.5	1	8	7	20.67	-1.00	19.67	<=30	Pass
					14	21.05	-1.00	20.05	<=30	Pass
					0	20.04	-1.00	19.04	<=30	Pass
	8		15	4	20.05	-1.00	19.05	<=30	Pass	
				7	20.01	-1.00	19.01	<=30	Pass	
				0	19.94	-1.00	18.94	<=30	Pass	
1778.5	1	8	0	20.65	-1.00	19.65	<=30	Pass		
			7	20.91	-1.00	19.91	<=30	Pass		
			14	21.08	-1.00	20.08	<=30	Pass		
	8	15	0	19.95	-1.00	18.95	<=30	Pass		
			4	19.95	-1.00	18.95	<=30	Pass		
			7	19.94	-1.00	18.94	<=30	Pass		
	15	8	0	19.89	-1.00	18.89	<=30	Pass		
			4	18.05	-1.00	17.05	<=30	Pass		
			7	18.31	-1.00	17.31	<=30	Pass		
256QAM	1711.5	1	8	14	18.30	-1.00	17.30	<=30	Pass	
				0	18.26	-1.00	17.26	<=30	Pass	
				4	18.27	-1.00	17.27	<=30	Pass	
		8	15	7	18.27	-1.00	17.27	<=30	Pass	
				0	18.23	-1.00	17.23	<=30	Pass	
				4	17.97	-1.00	16.97	<=30	Pass	
	1745	1	8	7	17.96	-1.00	16.96	<=30	Pass	
				14	18.02	-1.00	17.02	<=30	Pass	
				0	18.03	-1.00	17.03	<=30	Pass	

			4	18.00	-1.00	17.00	<=30	Pass	
			7	17.99	-1.00	16.99	<=30	Pass	
		15	0	17.97	-1.00	16.97	<=30	Pass	
	1778.5	1		0	17.87	-1.00	16.87	<=30	Pass
				7	17.87	-1.00	16.87	<=30	Pass
			14	17.99	-1.00	16.99	<=30	Pass	
		8		0	17.83	-1.00	16.83	<=30	Pass
				4	17.87	-1.00	16.87	<=30	Pass
			7	17.85	-1.00	16.85	<=30	Pass	
	15	0	17.86	-1.00	16.86	<=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	23.16	-1.00	22.16	<=30	Pass		
				13	23.24	-1.00	22.24	<=30	Pass		
			24	23.34	-1.00	22.34	<=30	Pass			
		12		0	22.20	-1.00	21.20	<=30	Pass		
				6	22.14	-1.00	21.14	<=30	Pass		
			13	22.19	-1.00	21.19	<=30	Pass			
		25	0	22.27	-1.00	21.27	<=30	Pass			
		1745	1		0	23.01	-1.00	22.01	<=30	Pass	
					13	23.06	-1.00	22.06	<=30	Pass	
	24			22.98	-1.00	21.98	<=30	Pass			
	12			0	21.84	-1.00	20.84	<=30	Pass		
				6	22.01	-1.00	21.01	<=30	Pass		
			13	22.01	-1.00	21.01	<=30	Pass			
	25		0	22.08	-1.00	21.08	<=30	Pass			
	1777.5		1		0	22.94	-1.00	21.94	<=30	Pass	
					13	22.85	-1.00	21.85	<=30	Pass	
		24		22.91	-1.00	21.91	<=30	Pass			
		12		0	21.92	-1.00	20.92	<=30	Pass		
				6	21.90	-1.00	20.90	<=30	Pass		
			13	21.92	-1.00	20.92	<=30	Pass			
		25	0	21.96	-1.00	20.96	<=30	Pass			
		16QAM	1712.5	1		0	22.50	-1.00	21.50	<=30	Pass
						13	22.33	-1.00	21.33	<=30	Pass
	24				22.33	-1.00	21.33	<=30	Pass		
12				0	21.25	-1.00	20.25	<=30	Pass		
				6	21.12	-1.00	20.12	<=30	Pass		
	13			21.24	-1.00	20.24	<=30	Pass			
25	0		21.20	-1.00	20.20	<=30	Pass				
1745	1			0	22.26	-1.00	21.26	<=30	Pass		
				13	22.31	-1.00	21.31	<=30	Pass		
			24	22.33	-1.00	21.33	<=30	Pass			
	12			0	21.03	-1.00	20.03	<=30	Pass		
				6	21.04	-1.00	20.04	<=30	Pass		
			13	21.01	-1.00	20.01	<=30	Pass			
25	0		21.07	-1.00	20.07	<=30	Pass				
1777.5	1			0	22.16	-1.00	21.16	<=30	Pass		
		13		22.15	-1.00	21.15	<=30	Pass			
		24	22.13	-1.00	21.13	<=30	Pass				
	12		0	20.92	-1.00	19.92	<=30	Pass			
			6	20.98	-1.00	19.98	<=30	Pass			

			13	20.93	-1.00	19.93	<=30	Pass		
		25	0	20.93	-1.00	19.93	<=30	Pass		
64QAM	1712.5	1	0	21.42	-1.00	20.42	<=30	Pass		
			13	21.33	-1.00	20.33	<=30	Pass		
			24	21.43	-1.00	20.43	<=30	Pass		
		12	0	20.35	-1.00	19.35	<=30	Pass		
			6	20.36	-1.00	19.36	<=30	Pass		
			13	20.33	-1.00	19.33	<=30	Pass		
		25	0	20.26	-1.00	19.26	<=30	Pass		
		1745	1	0	21.15	-1.00	20.15	<=30	Pass	
				13	21.15	-1.00	20.15	<=30	Pass	
	24			21.08	-1.00	20.08	<=30	Pass		
	12		0	20.09	-1.00	19.09	<=30	Pass		
			6	20.05	-1.00	19.05	<=30	Pass		
			13	20.09	-1.00	19.09	<=30	Pass		
	25		0	20.05	-1.00	19.05	<=30	Pass		
	1777.5		1	0	20.98	-1.00	19.98	<=30	Pass	
				13	20.98	-1.00	19.98	<=30	Pass	
		24		21.00	-1.00	20.00	<=30	Pass		
		12	0	19.97	-1.00	18.97	<=30	Pass		
			6	19.93	-1.00	18.93	<=30	Pass		
			13	19.97	-1.00	18.97	<=30	Pass		
		25	0	19.90	-1.00	18.90	<=30	Pass		
		256QAM	1712.5	1	0	18.39	-1.00	17.39	<=30	Pass
					13	18.40	-1.00	17.40	<=30	Pass
	24				18.34	-1.00	17.34	<=30	Pass	
12	0			18.28	-1.00	17.28	<=30	Pass		
	6			18.31	-1.00	17.31	<=30	Pass		
	13			18.31	-1.00	17.31	<=30	Pass		
25	0			18.24	-1.00	17.24	<=30	Pass		
1745	1			0	17.94	-1.00	16.94	<=30	Pass	
				13	18.13	-1.00	17.13	<=30	Pass	
			24	18.13	-1.00	17.13	<=30	Pass		
	12		0	18.02	-1.00	17.02	<=30	Pass		
			6	18.00	-1.00	17.00	<=30	Pass		
			13	18.02	-1.00	17.02	<=30	Pass		
	25		0	18.00	-1.00	17.00	<=30	Pass		
	1777.5		1	0	17.99	-1.00	16.99	<=30	Pass	
				13	17.99	-1.00	16.99	<=30	Pass	
24				17.91	-1.00	16.91	<=30	Pass		
12			0	17.93	-1.00	16.93	<=30	Pass		
			6	17.90	-1.00	16.90	<=30	Pass		
			13	17.88	-1.00	16.88	<=30	Pass		
25			0	17.92	-1.00	16.92	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B66\_10MHz\_EIRP

Band: 66 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.28	-1.00	22.28	<=30	Pass
			25	23.09	-1.00	22.09	<=30	Pass
			49	23.11	-1.00	22.11	<=30	Pass
		25	0	22.23	-1.00	21.23	<=30	Pass
			13	22.29	-1.00	21.29	<=30	Pass
			25	22.23	-1.00	21.23	<=30	Pass

	1745	50	0	22.20	-1.00	21.20	<=30	Pass		
			1	0	23.12	-1.00	22.12	<=30	Pass	
				25	23.02	-1.00	22.02	<=30	Pass	
				49	22.97	-1.00	21.97	<=30	Pass	
		25	0	22.00	-1.00	21.00	<=30	Pass		
			13	22.00	-1.00	21.00	<=30	Pass		
			25	22.02	-1.00	21.02	<=30	Pass		
		50	0	22.03	-1.00	21.03	<=30	Pass		
		1775	1	0	22.84	-1.00	21.84	<=30	Pass	
	25			22.79	-1.00	21.79	<=30	Pass		
	49			22.84	-1.00	21.84	<=30	Pass		
	0			21.89	-1.00	20.89	<=30	Pass		
	25		13	21.92	-1.00	20.92	<=30	Pass		
			25	21.88	-1.00	20.88	<=30	Pass		
			50	0	21.88	-1.00	20.88	<=30	Pass	
	16QAM		1715	1	0	22.47	-1.00	21.47	<=30	Pass
					25	22.39	-1.00	21.39	<=30	Pass
		49			22.36	-1.00	21.36	<=30	Pass	
25		0		21.24	-1.00	20.24	<=30	Pass		
		13		21.30	-1.00	20.30	<=30	Pass		
		25		21.29	-1.00	20.29	<=30	Pass		
50		0		21.25	-1.00	20.25	<=30	Pass		
1745		1		0	22.27	-1.00	21.27	<=30	Pass	
				25	22.17	-1.00	21.17	<=30	Pass	
			49	22.17	-1.00	21.17	<=30	Pass		
		25	0	21.01	-1.00	20.01	<=30	Pass		
			13	20.98	-1.00	19.98	<=30	Pass		
			25	20.99	-1.00	19.99	<=30	Pass		
		50	0	21.02	-1.00	20.02	<=30	Pass		
		1775	1	0	22.05	-1.00	21.05	<=30	Pass	
				25	22.18	-1.00	21.18	<=30	Pass	
49				21.97	-1.00	20.97	<=30	Pass		
25			0	20.85	-1.00	19.85	<=30	Pass		
	13		20.90	-1.00	19.90	<=30	Pass			
	25		20.91	-1.00	19.91	<=30	Pass			
50	0		20.89	-1.00	19.89	<=30	Pass			
64QAM	1715		1	0	21.21	-1.00	20.21	<=30	Pass	
				25	20.99	-1.00	19.99	<=30	Pass	
		49		21.25	-1.00	20.25	<=30	Pass		
		25	0	20.22	-1.00	19.22	<=30	Pass		
			13	20.29	-1.00	19.29	<=30	Pass		
			25	20.27	-1.00	19.27	<=30	Pass		
		50	0	20.22	-1.00	19.22	<=30	Pass		
		1745	1	0	21.09	-1.00	20.09	<=30	Pass	
				25	20.72	-1.00	19.72	<=30	Pass	
	49			21.14	-1.00	20.14	<=30	Pass		
	25		0	20.00	-1.00	19.00	<=30	Pass		
			13	20.03	-1.00	19.03	<=30	Pass		
			25	20.01	-1.00	19.01	<=30	Pass		
	50		0	20.04	-1.00	19.04	<=30	Pass		
	1775		1	0	20.88	-1.00	19.88	<=30	Pass	
				25	20.85	-1.00	19.85	<=30	Pass	
		49		20.87	-1.00	19.87	<=30	Pass		
		25	0	19.87	-1.00	18.87	<=30	Pass		
13			19.93	-1.00	18.93	<=30	Pass			
25			19.90	-1.00	18.90	<=30	Pass			
50		0	19.89	-1.00	18.89	<=30	Pass			
256QAM		1715	1	0	18.39	-1.00	17.39	<=30	Pass	
				25	18.38	-1.00	17.38	<=30	Pass	

		25	49	18.23	-1.00	17.23	<=30	Pass
			0	18.21	-1.00	17.21	<=30	Pass
			13	18.19	-1.00	17.19	<=30	Pass
			25	18.26	-1.00	17.26	<=30	Pass
			0	18.25	-1.00	17.25	<=30	Pass
	1745	1	0	18.14	-1.00	17.14	<=30	Pass
			25	18.10	-1.00	17.10	<=30	Pass
			49	18.13	-1.00	17.13	<=30	Pass
		25	0	18.00	-1.00	17.00	<=30	Pass
			13	17.98	-1.00	16.98	<=30	Pass
			25	18.01	-1.00	17.01	<=30	Pass
		50	0	18.01	-1.00	17.01	<=30	Pass
	1775	1	0	17.80	-1.00	16.80	<=30	Pass
			25	18.00	-1.00	17.00	<=30	Pass
			49	17.87	-1.00	16.87	<=30	Pass
		25	0	17.84	-1.00	16.84	<=30	Pass
			13	17.90	-1.00	16.90	<=30	Pass
			25	17.87	-1.00	16.87	<=30	Pass
		50	0	17.87	-1.00	16.87	<=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	23.29	-1.00	22.29	<=30	Pass	
			38	23.23	-1.00	22.23	<=30	Pass	
			74	23.32	-1.00	22.32	<=30	Pass	
		36	0	22.23	-1.00	21.23	<=30	Pass	
			18	22.30	-1.00	21.30	<=30	Pass	
			39	22.23	-1.00	21.23	<=30	Pass	
		75	0	22.26	-1.00	21.26	<=30	Pass	
		1745	1	0	23.05	-1.00	22.05	<=30	Pass
				38	23.01	-1.00	22.01	<=30	Pass
	74			23.01	-1.00	22.01	<=30	Pass	
	36		0	22.05	-1.00	21.05	<=30	Pass	
			18	22.05	-1.00	21.05	<=30	Pass	
			39	22.00	-1.00	21.00	<=30	Pass	
	75	0	22.03	-1.00	21.03	<=30	Pass		
	1772.5	1	0	22.68	-1.00	21.68	<=30	Pass	
			38	22.72	-1.00	21.72	<=30	Pass	
			74	22.95	-1.00	21.95	<=30	Pass	
		36	0	21.88	-1.00	20.88	<=30	Pass	
			18	21.87	-1.00	20.87	<=30	Pass	
			39	21.93	-1.00	20.93	<=30	Pass	
	75	0	21.90	-1.00	20.90	<=30	Pass		
16QAM	1717.5	1	0	22.49	-1.00	21.49	<=30	Pass	
			38	22.33	-1.00	21.33	<=30	Pass	
			74	22.48	-1.00	21.48	<=30	Pass	
		36	0	21.25	-1.00	20.25	<=30	Pass	
			18	21.27	-1.00	20.27	<=30	Pass	
			39	21.22	-1.00	20.22	<=30	Pass	
	75	0	21.26	-1.00	20.26	<=30	Pass		
	1745	1	0	22.38	-1.00	21.38	<=30	Pass	
			38	22.22	-1.00	21.22	<=30	Pass	
74			22.19	-1.00	21.19	<=30	Pass		

		36	0	21.00	-1.00	20.00	<=30	Pass	
			18	21.02	-1.00	20.02	<=30	Pass	
			39	21.03	-1.00	20.03	<=30	Pass	
		75	0	21.01	-1.00	20.01	<=30	Pass	
			1	0	22.05	-1.00	21.05	<=30	Pass
				38	21.86	-1.00	20.86	<=30	Pass
	74	22.22		-1.00	21.22	<=30	Pass		
	1772.5	36	0	20.87	-1.00	19.87	<=30	Pass	
			18	20.88	-1.00	19.88	<=30	Pass	
			39	20.90	-1.00	19.90	<=30	Pass	
	75	0	20.89	-1.00	19.89	<=30	Pass		
	64QAM	1717.5	1	0	21.32	-1.00	20.32	<=30	Pass
38				20.87	-1.00	19.87	<=30	Pass	
74				21.10	-1.00	20.10	<=30	Pass	
36			0	20.26	-1.00	19.26	<=30	Pass	
			18	20.29	-1.00	19.29	<=30	Pass	
			39	20.24	-1.00	19.24	<=30	Pass	
75			0	20.24	-1.00	19.24	<=30	Pass	
1745			1	0	20.15	-1.00	19.15	<=30	Pass
				38	21.17	-1.00	20.17	<=30	Pass
		74		21.02	-1.00	20.02	<=30	Pass	
		36	0	20.03	-1.00	19.03	<=30	Pass	
			18	20.07	-1.00	19.07	<=30	Pass	
			39	20.01	-1.00	19.01	<=30	Pass	
75		0	20.05	-1.00	19.05	<=30	Pass		
1772.5		1	0	21.01	-1.00	20.01	<=30	Pass	
			38	20.94	-1.00	19.94	<=30	Pass	
			74	21.00	-1.00	20.00	<=30	Pass	
		36	0	19.91	-1.00	18.91	<=30	Pass	
			18	19.91	-1.00	18.91	<=30	Pass	
			39	19.95	-1.00	18.95	<=30	Pass	
75		0	19.91	-1.00	18.91	<=30	Pass		
256QAM		1717.5	1	0	18.22	-1.00	17.22	<=30	Pass
				38	18.27	-1.00	17.27	<=30	Pass
				74	18.35	-1.00	17.35	<=30	Pass
	36		0	18.19	-1.00	17.19	<=30	Pass	
			18	18.25	-1.00	17.25	<=30	Pass	
			39	18.19	-1.00	17.19	<=30	Pass	
	75	0	18.22	-1.00	17.22	<=30	Pass		
	1745	1	0	18.19	-1.00	17.19	<=30	Pass	
			38	18.15	-1.00	17.15	<=30	Pass	
			74	18.10	-1.00	17.10	<=30	Pass	
		36	0	17.98	-1.00	16.98	<=30	Pass	
			18	18.03	-1.00	17.03	<=30	Pass	
			39	18.02	-1.00	17.02	<=30	Pass	
	75	0	18.01	-1.00	17.01	<=30	Pass		
	1772.5	1	0	17.85	-1.00	16.85	<=30	Pass	
			38	17.92	-1.00	16.92	<=30	Pass	
			74	18.12	-1.00	17.12	<=30	Pass	
		36	0	17.84	-1.00	16.84	<=30	Pass	
18			17.86	-1.00	16.86	<=30	Pass		
39			17.94	-1.00	16.94	<=30	Pass		
75	0	17.88	-1.00	16.88	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

### 1.1.6 B66\_20MHz\_EIRP

Band: 66 / Bandwidth: 20MHz / NTV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	23.16	-1.00	22.16	<=30	Pass		
			50	23.21	-1.00	22.21	<=30	Pass		
			99	23.25	-1.00	22.25	<=30	Pass		
		50	0	22.17	-1.00	21.17	<=30	Pass		
			25	22.17	-1.00	21.17	<=30	Pass		
			50	22.17	-1.00	21.17	<=30	Pass		
		100	0	22.13	-1.00	21.13	<=30	Pass		
		1745	1	0	23.09	-1.00	22.09	<=30	Pass	
				50	23.01	-1.00	22.01	<=30	Pass	
	99			22.97	-1.00	21.97	<=30	Pass		
	50		0	21.90	-1.00	20.90	<=30	Pass		
			25	21.98	-1.00	20.98	<=30	Pass		
			50	22.02	-1.00	21.02	<=30	Pass		
	100		0	22.00	-1.00	21.00	<=30	Pass		
	1770		1	0	22.82	-1.00	21.82	<=30	Pass	
				50	22.87	-1.00	21.87	<=30	Pass	
		99		22.95	-1.00	21.95	<=30	Pass		
		50	0	21.90	-1.00	20.90	<=30	Pass		
			25	21.92	-1.00	20.92	<=30	Pass		
			50	21.97	-1.00	20.97	<=30	Pass		
		100	0	21.93	-1.00	20.93	<=30	Pass		
		16QAM	1720	1	0	22.40	-1.00	21.40	<=30	Pass
					50	22.37	-1.00	21.37	<=30	Pass
	99				22.55	-1.00	21.55	<=30	Pass	
50	0			21.22	-1.00	20.22	<=30	Pass		
	25			21.19	-1.00	20.19	<=30	Pass		
	50			21.25	-1.00	20.25	<=30	Pass		
100	0			21.20	-1.00	20.20	<=30	Pass		
1745	1			0	22.20	-1.00	21.20	<=30	Pass	
				50	22.26	-1.00	21.26	<=30	Pass	
			99	22.23	-1.00	21.23	<=30	Pass		
	50		0	20.93	-1.00	19.93	<=30	Pass		
			25	21.07	-1.00	20.07	<=30	Pass		
			50	21.03	-1.00	20.03	<=30	Pass		
	100		0	20.98	-1.00	19.98	<=30	Pass		
	1770		1	0	22.07	-1.00	21.07	<=30	Pass	
				50	22.07	-1.00	21.07	<=30	Pass	
99				22.17	-1.00	21.17	<=30	Pass		
50			0	20.89	-1.00	19.89	<=30	Pass		
			25	20.91	-1.00	19.91	<=30	Pass		
			50	20.97	-1.00	19.97	<=30	Pass		
100			0	20.89	-1.00	19.89	<=30	Pass		
64QAM			1720	1	0	21.42	-1.00	20.42	<=30	Pass
					50	21.36	-1.00	20.36	<=30	Pass
	99				21.43	-1.00	20.43	<=30	Pass	
	50	0		20.20	-1.00	19.20	<=30	Pass		
		25		20.22	-1.00	19.22	<=30	Pass		
		50		20.16	-1.00	19.16	<=30	Pass		
	100	0		20.15	-1.00	19.15	<=30	Pass		
	1745	1		0	21.16	-1.00	20.16	<=30	Pass	
				50	21.18	-1.00	20.18	<=30	Pass	
			99	21.15	-1.00	20.15	<=30	Pass		
		50	0	20.00	-1.00	19.00	<=30	Pass		
			25	20.05	-1.00	19.05	<=30	Pass		
			50	20.05	-1.00	19.05	<=30	Pass		
	100	0	19.99	-1.00	18.99	<=30	Pass			

	1770	1	0	20.78	-1.00	19.78	<=30	Pass	
			50	20.93	-1.00	19.93	<=30	Pass	
			99	20.90	-1.00	19.90	<=30	Pass	
		50	0	19.89	-1.00	18.89	<=30	Pass	
			25	19.92	-1.00	18.92	<=30	Pass	
			50	19.96	-1.00	18.96	<=30	Pass	
	100	0	19.92	-1.00	18.92	<=30	Pass		
	256QAM	1720	1	0	18.14	-1.00	17.14	<=30	Pass
				50	18.38	-1.00	17.38	<=30	Pass
				99	18.39	-1.00	17.39	<=30	Pass
			50	0	18.25	-1.00	17.25	<=30	Pass
				25	18.14	-1.00	17.14	<=30	Pass
50				18.21	-1.00	17.21	<=30	Pass	
100		0	18.20	-1.00	17.20	<=30	Pass		
1745		1	0	18.19	-1.00	17.19	<=30	Pass	
			50	18.06	-1.00	17.06	<=30	Pass	
			99	18.16	-1.00	17.16	<=30	Pass	
		50	0	17.98	-1.00	16.98	<=30	Pass	
			25	18.02	-1.00	17.02	<=30	Pass	
			50	18.01	-1.00	17.01	<=30	Pass	
100		0	18.02	-1.00	17.02	<=30	Pass		
1770		1	0	17.81	-1.00	16.81	<=30	Pass	
			50	17.86	-1.00	16.86	<=30	Pass	
			99	18.05	-1.00	17.05	<=30	Pass	
		50	0	17.84	-1.00	16.84	<=30	Pass	
			25	17.77	-1.00	16.77	<=30	Pass	
			50	17.89	-1.00	16.89	<=30	Pass	
100		0	17.88	-1.00	16.88	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	50	0	20	3.6	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.88	15.700	0.0090	-2.5 to 2.5	Pass
					4.53	10.900	0.0062	-2.5 to 2.5	Pass
				-30	3.88	6.700	0.0038	-2.5 to 2.5	Pass
					-20	3.88	7.900	0.0045	-2.5 to 2.5
				-10	3.88	4.200	0.0024	-2.5 to 2.5	Pass
					0	3.88	5.300	0.0030	-2.5 to 2.5
				10	3.88	3.900	0.0022	-2.5 to 2.5	Pass
				30	3.88	8.600	0.0049	-2.5 to 2.5	Pass
				40	3.88	4.800	0.0028	-2.5 to 2.5	Pass
50	3.88	3.200	0.0018	-2.5 to 2.5	Pass				

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band66\_OBW

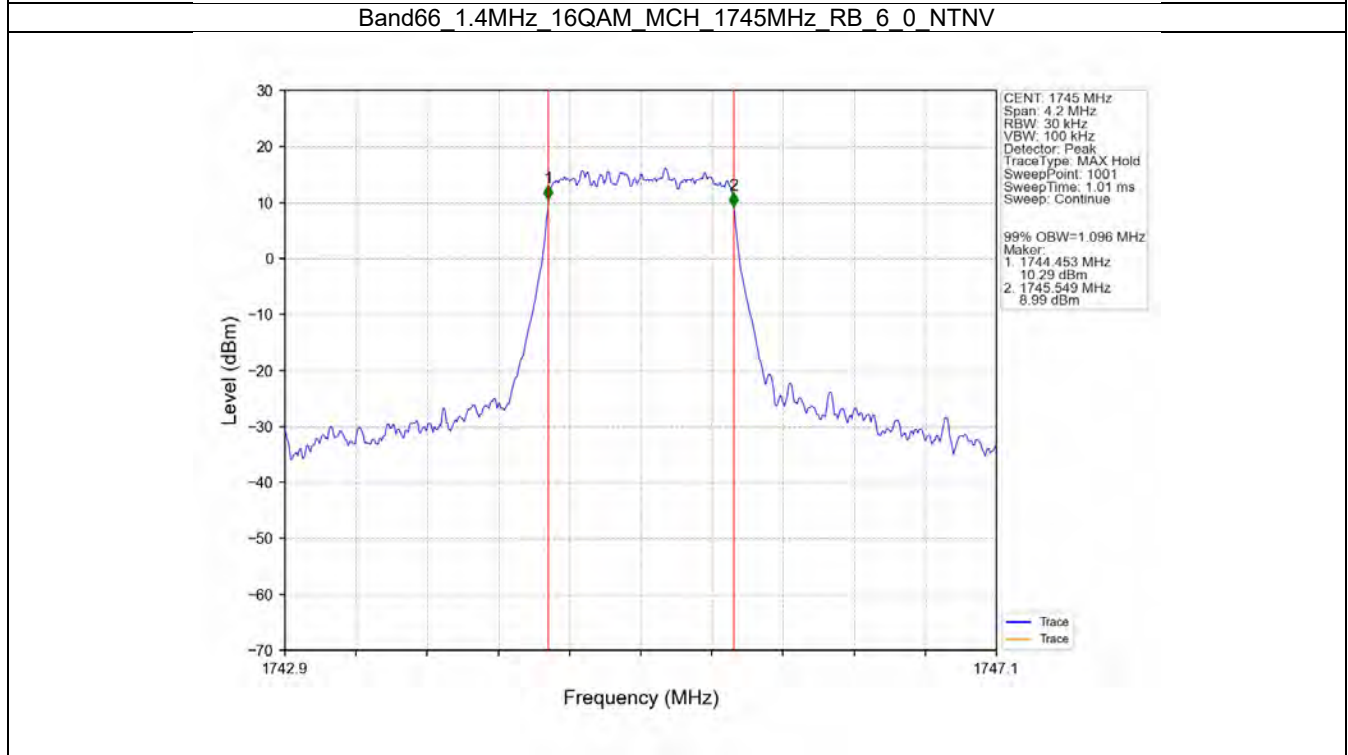
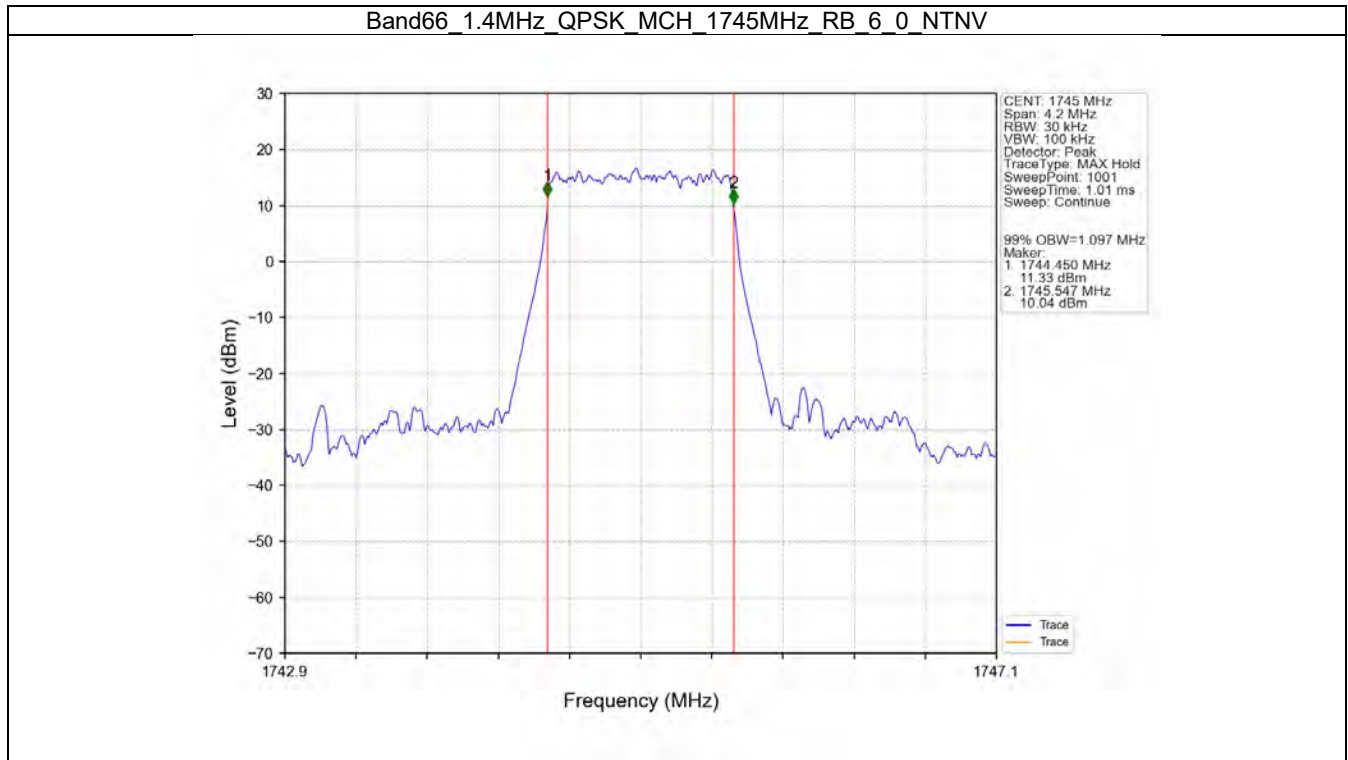
Band: 66 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.097	/	Pass
	16QAM	1745	6	0	1.096	/	Pass
3	QPSK	1745	15	0	2.735	/	Pass
	16QAM	1745	15	0	2.727	/	Pass
5	QPSK	1745	25	0	4.513	/	Pass
	16QAM	1745	25	0	4.496	/	Pass
10	QPSK	1745	50	0	8.982	/	Pass
	16QAM	1745	50	0	9.008	/	Pass
15	QPSK	1745	75	0	13.472	/	Pass
	16QAM	1745	75	0	13.462	/	Pass
20	QPSK	1745	100	0	17.978	/	Pass
	16QAM	1745	100	0	17.976	/	Pass

##### 3.1.2 Band66\_XDB

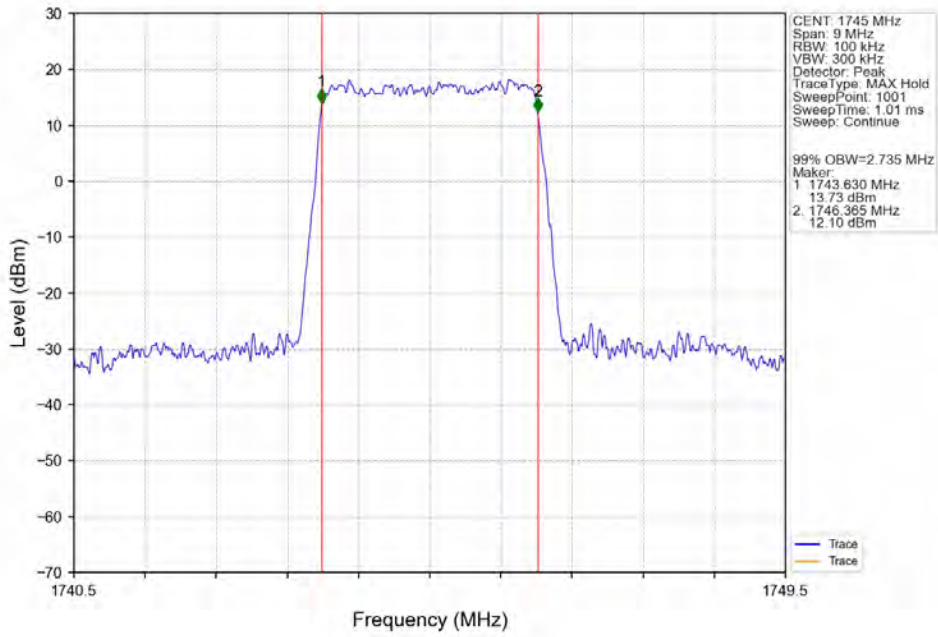
Band: 66 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.300	/	Pass
	16QAM	1745	6	0	1.287	/	Pass
3	QPSK	1745	15	0	3.031	/	Pass
	16QAM	1745	15	0	3.030	/	Pass
5	QPSK	1745	25	0	4.945	/	Pass
	16QAM	1745	25	0	5.003	/	Pass
10	QPSK	1745	50	0	9.841	/	Pass
	16QAM	1745	50	0	9.697	/	Pass
15	QPSK	1745	75	0	14.441	/	Pass
	16QAM	1745	75	0	14.467	/	Pass
20	QPSK	1745	100	0	19.324	/	Pass
	16QAM	1745	100	0	19.237	/	Pass

### 3.2 Test Graph

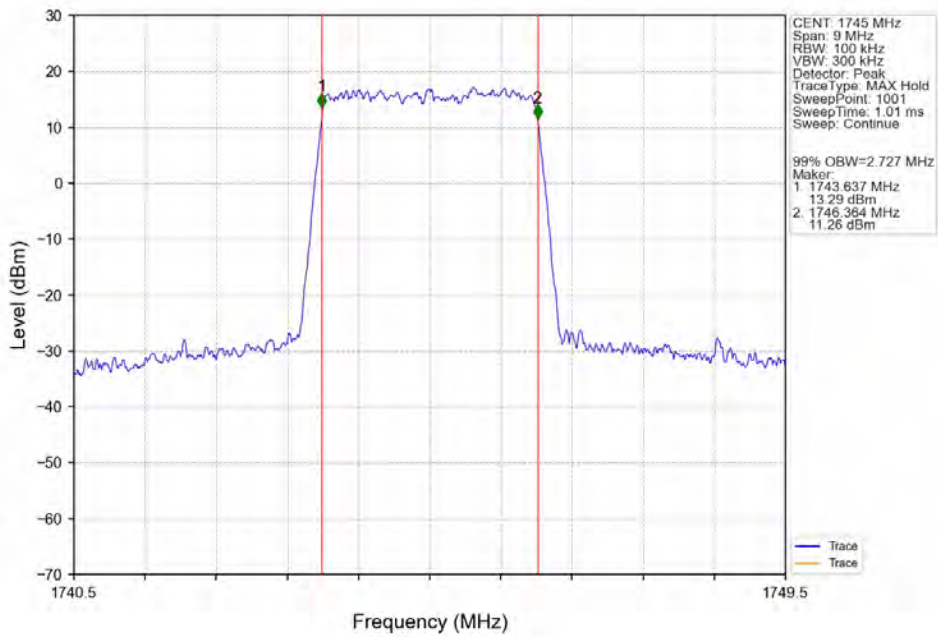
#### 3.2.1 Band66\_OBW



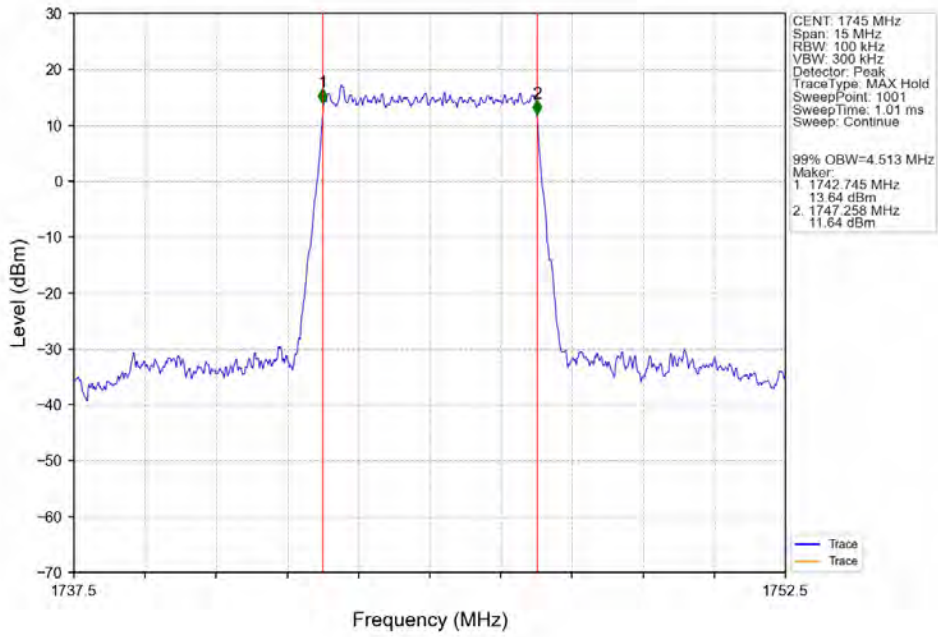
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



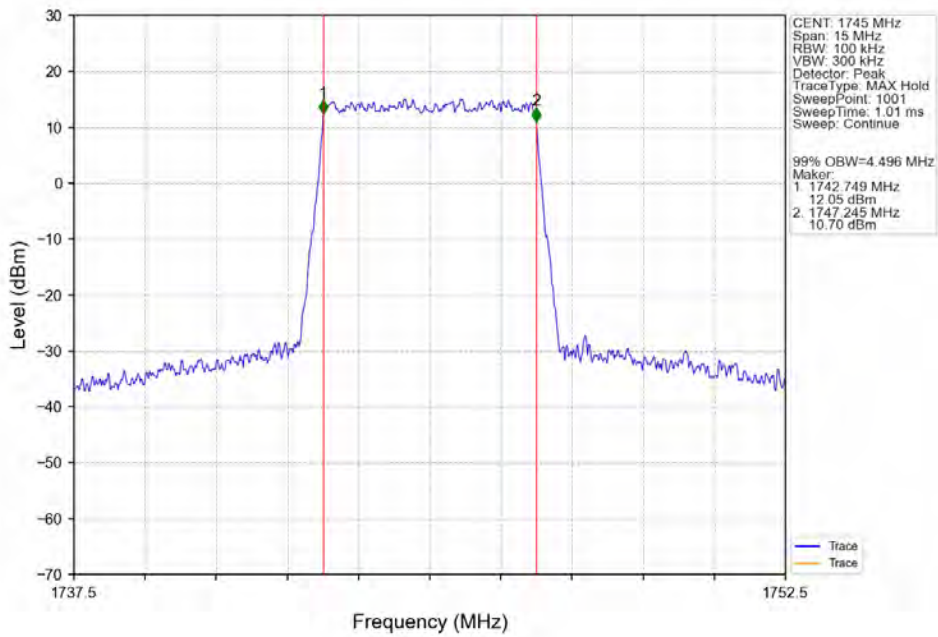
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



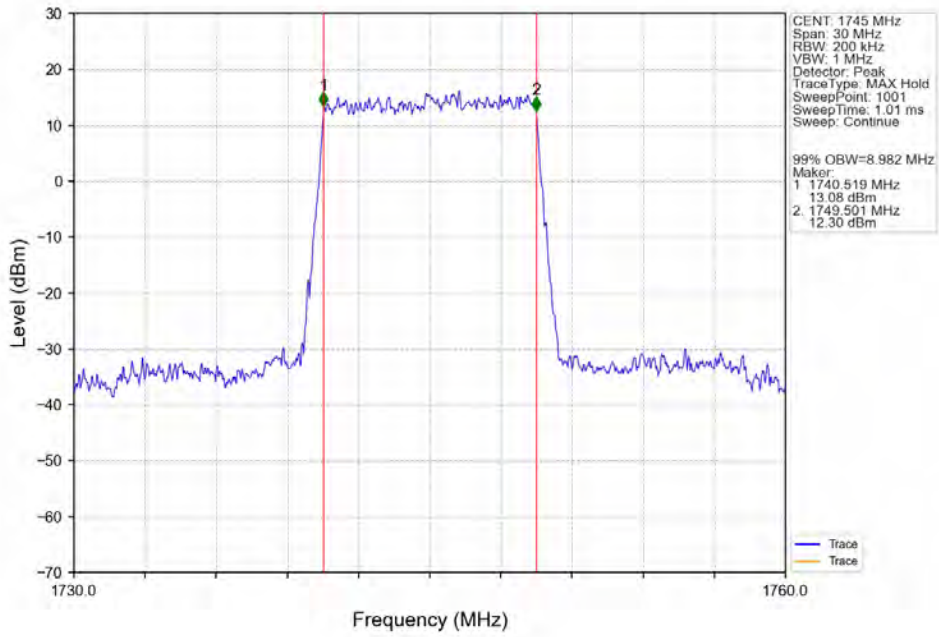
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



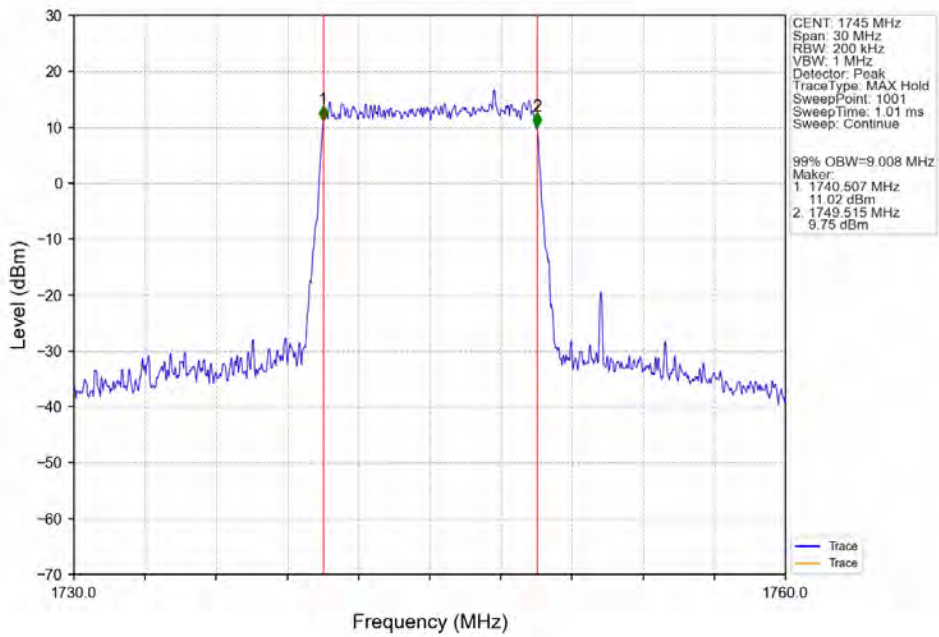
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



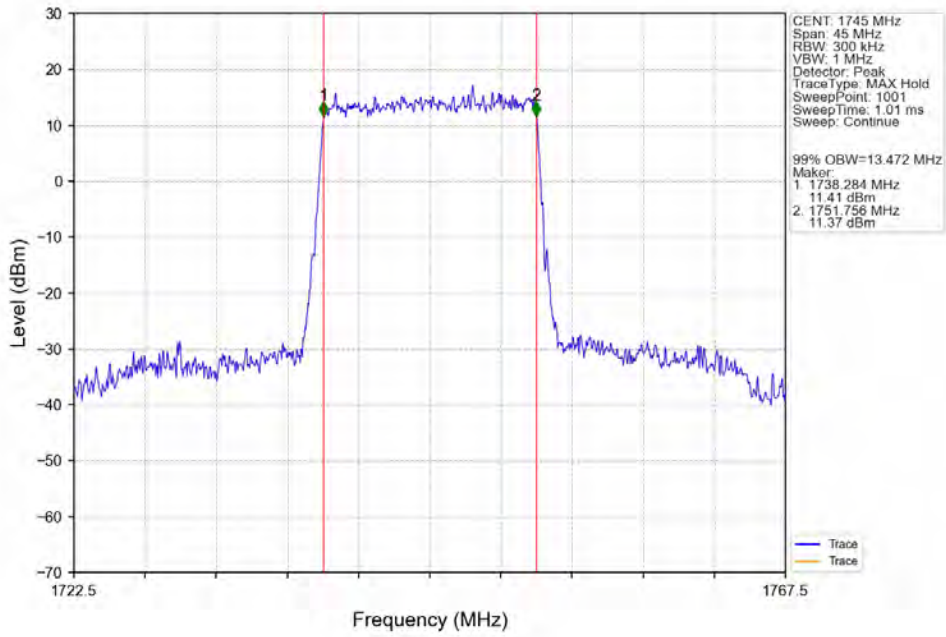
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



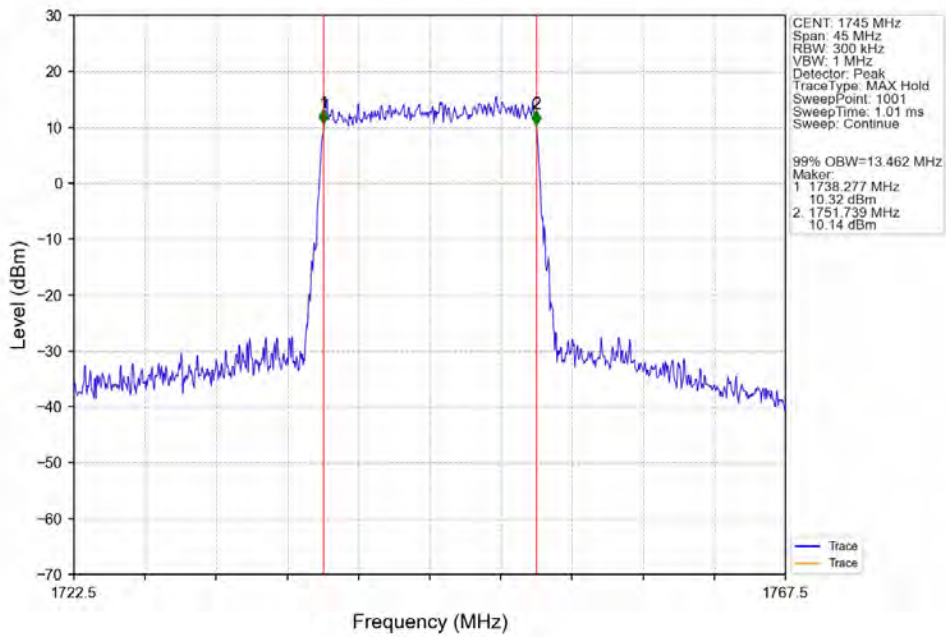
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



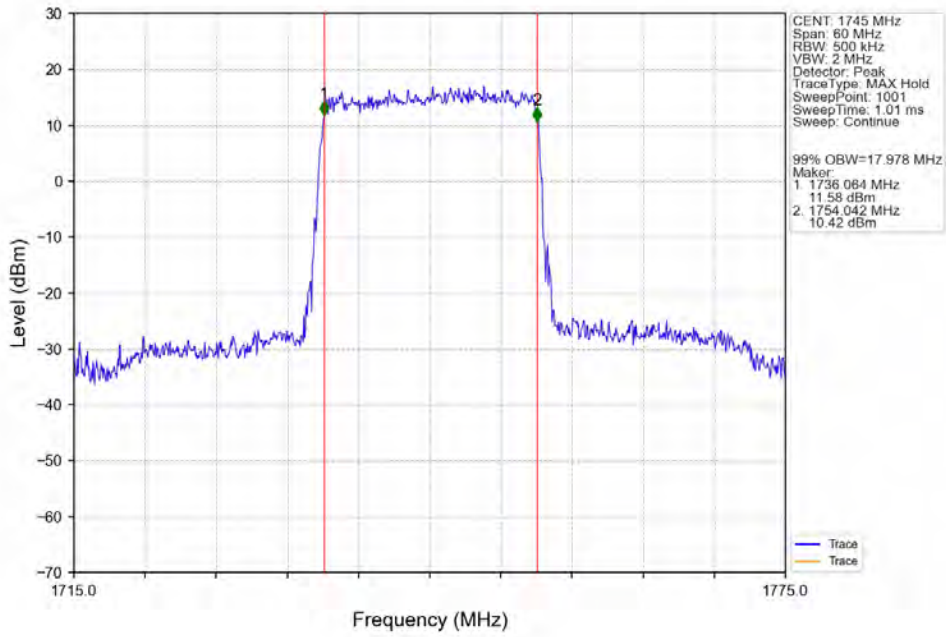
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



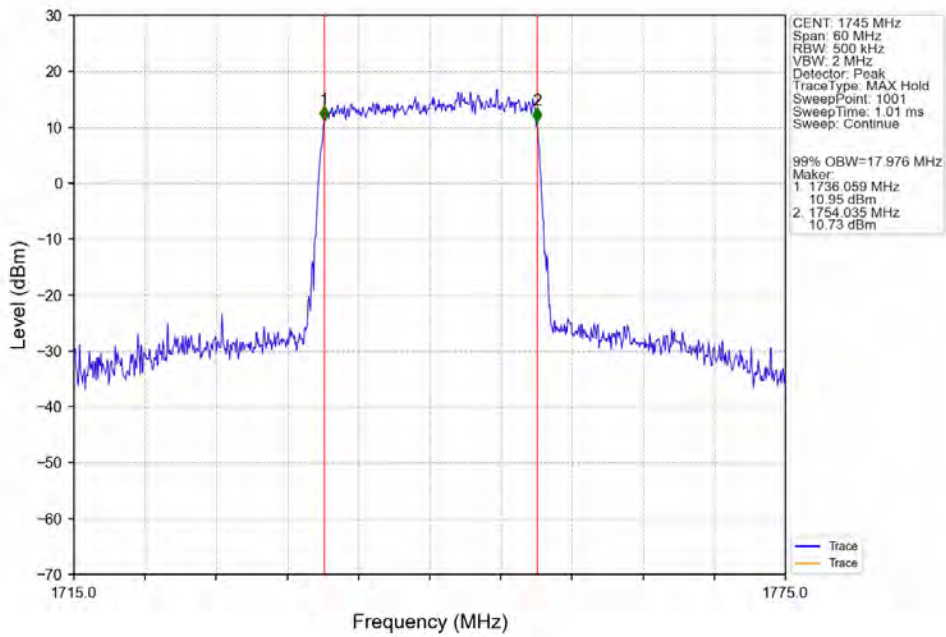
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



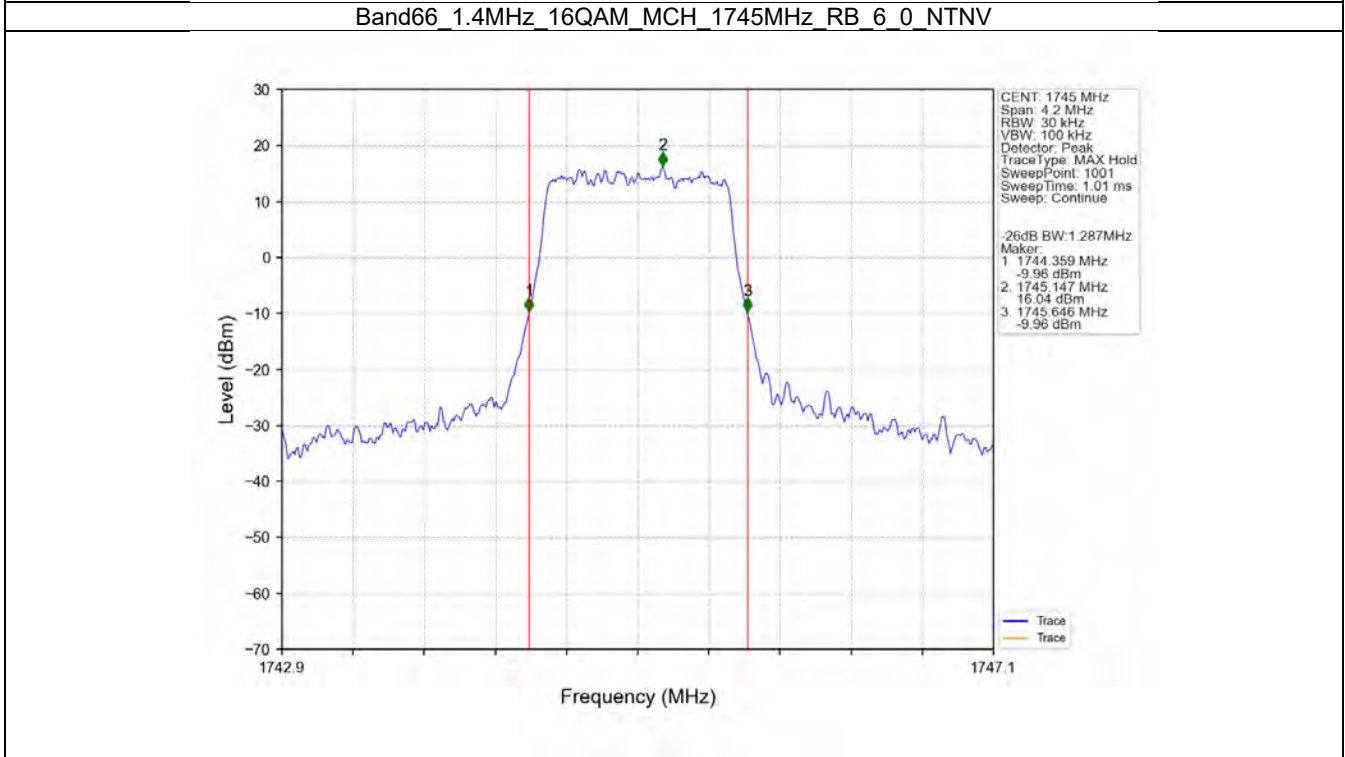
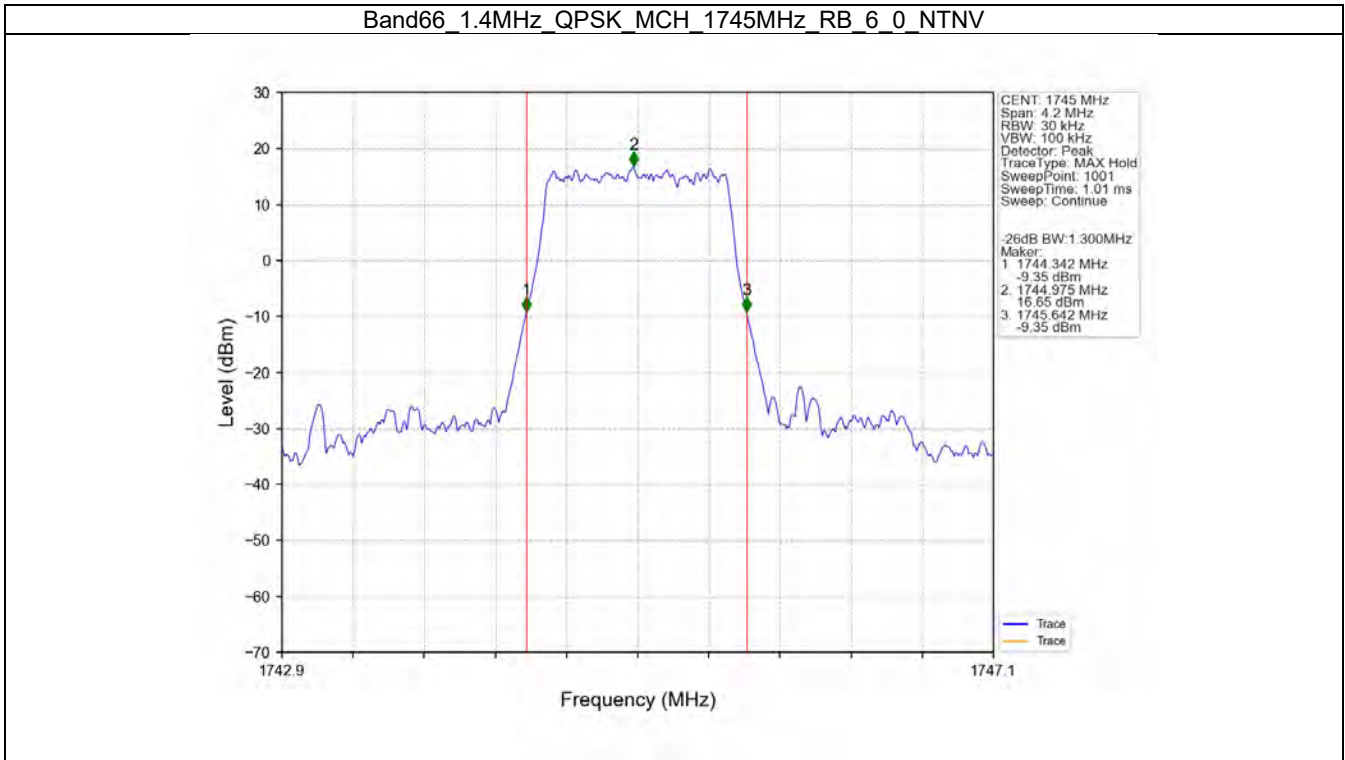
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTN



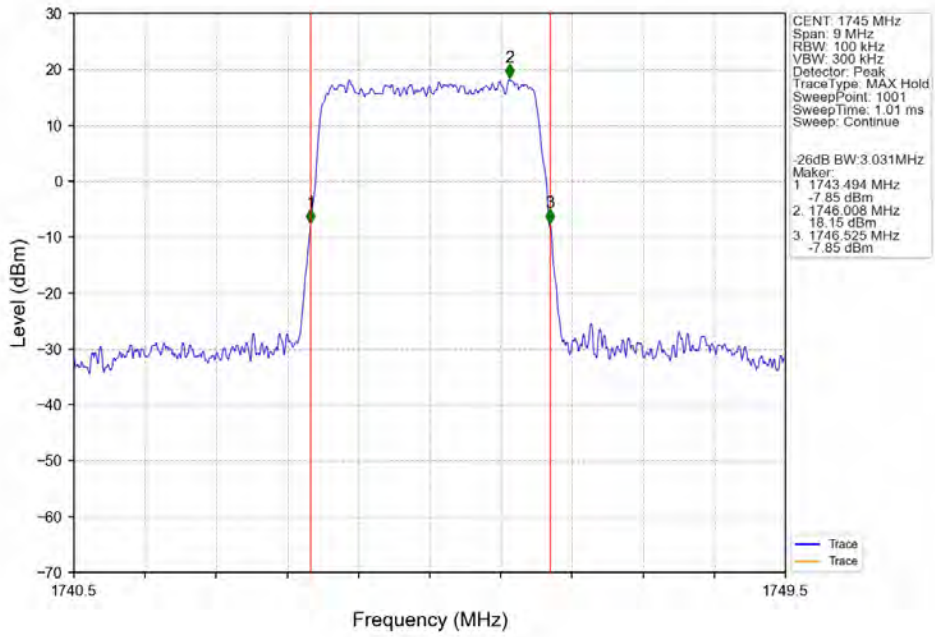
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTN



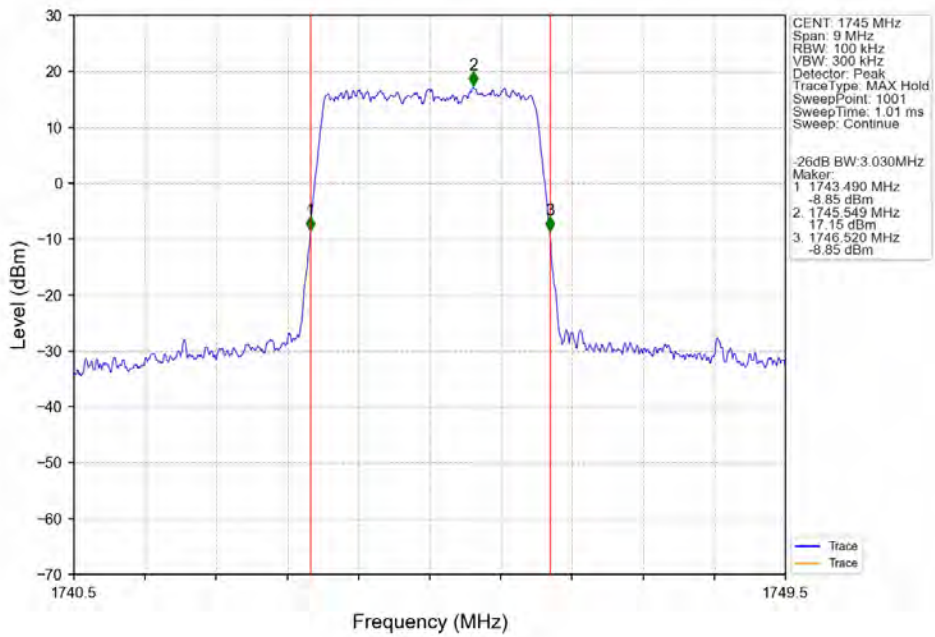
### 3.2.2 Band66\_XDB



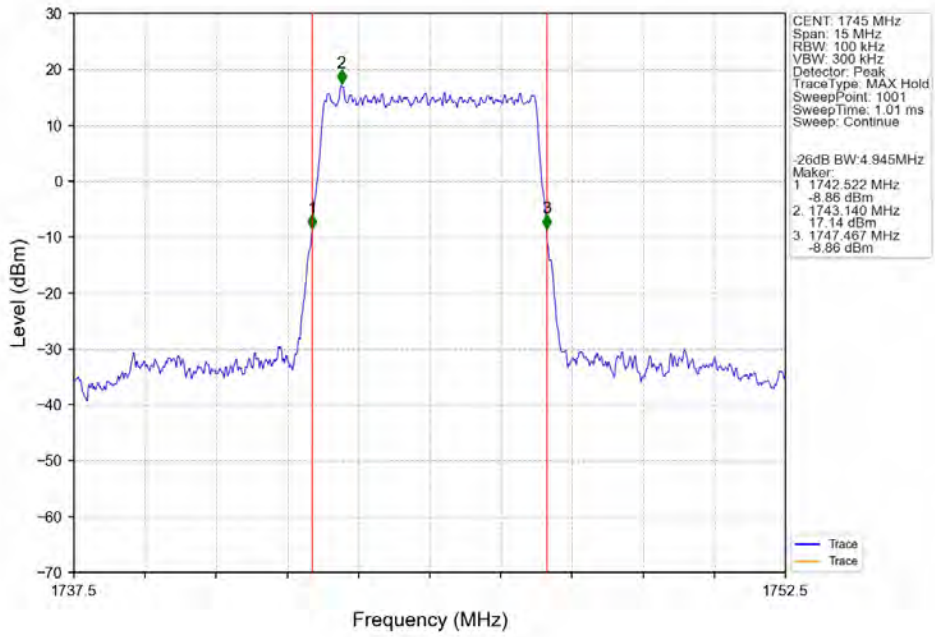
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



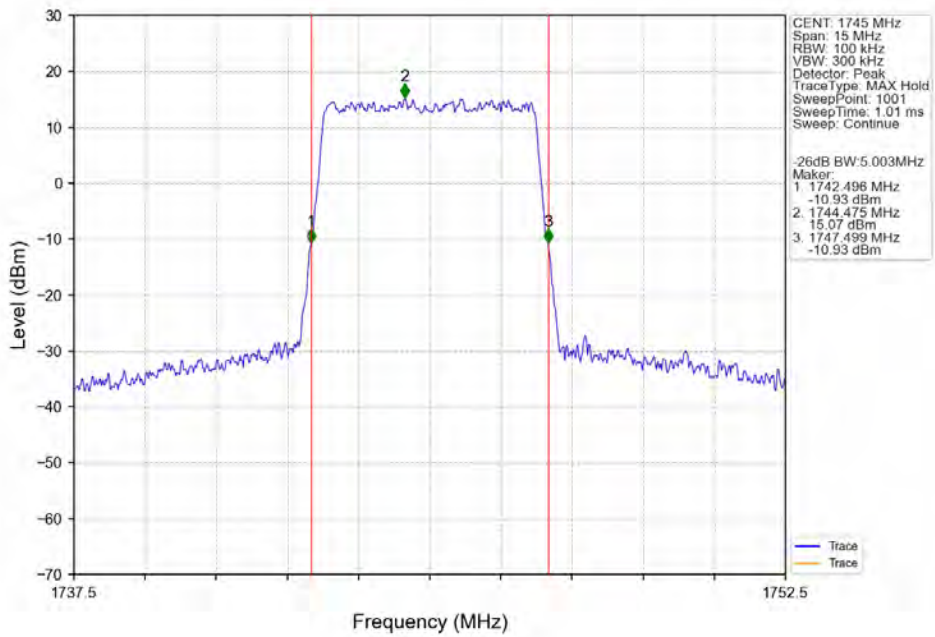
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



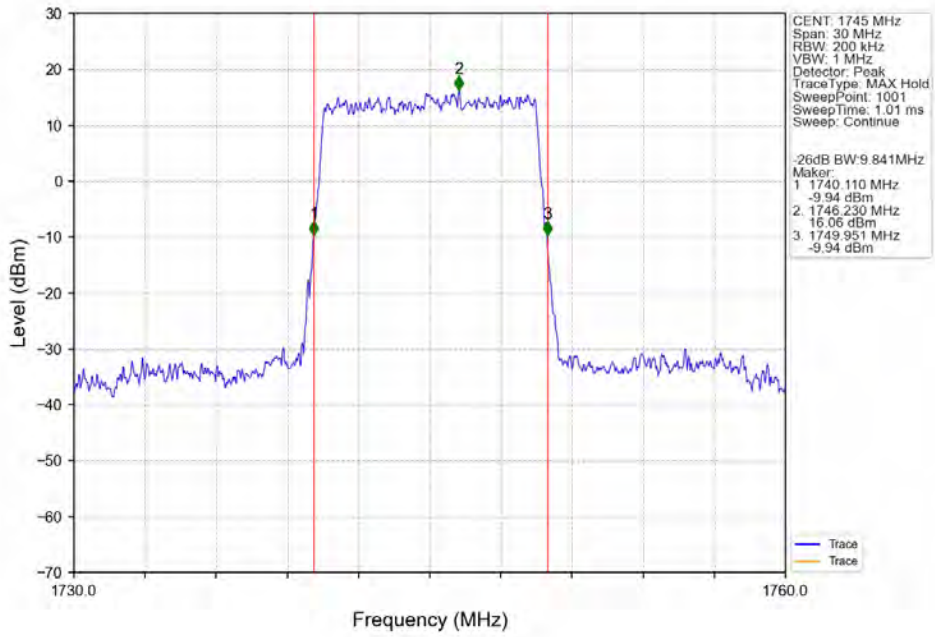
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



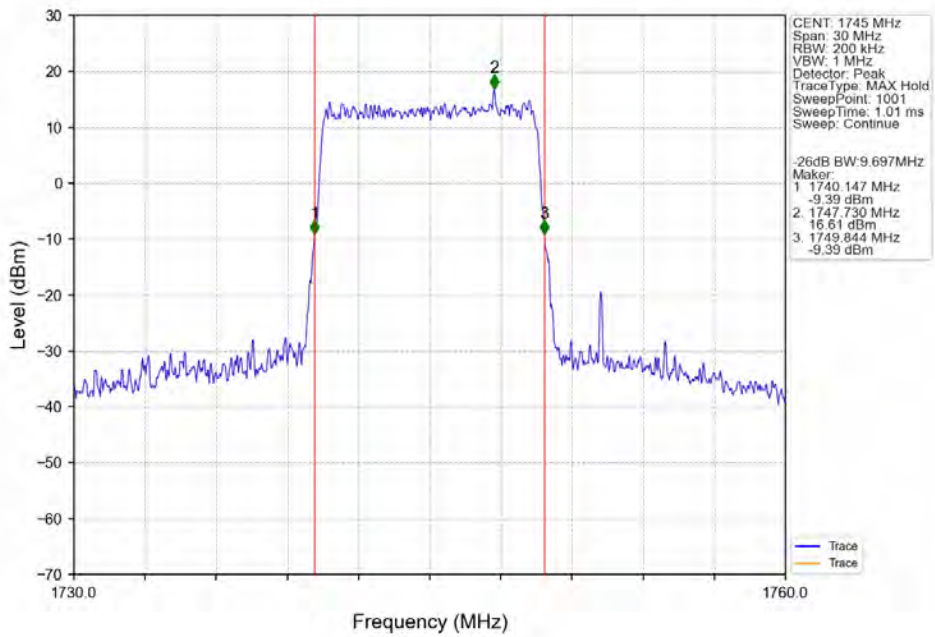
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



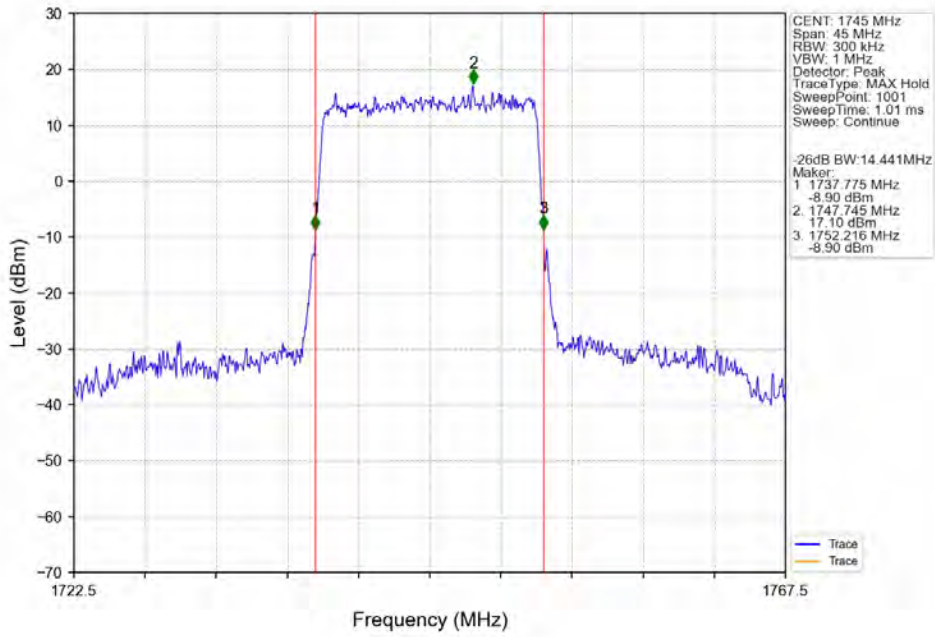
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



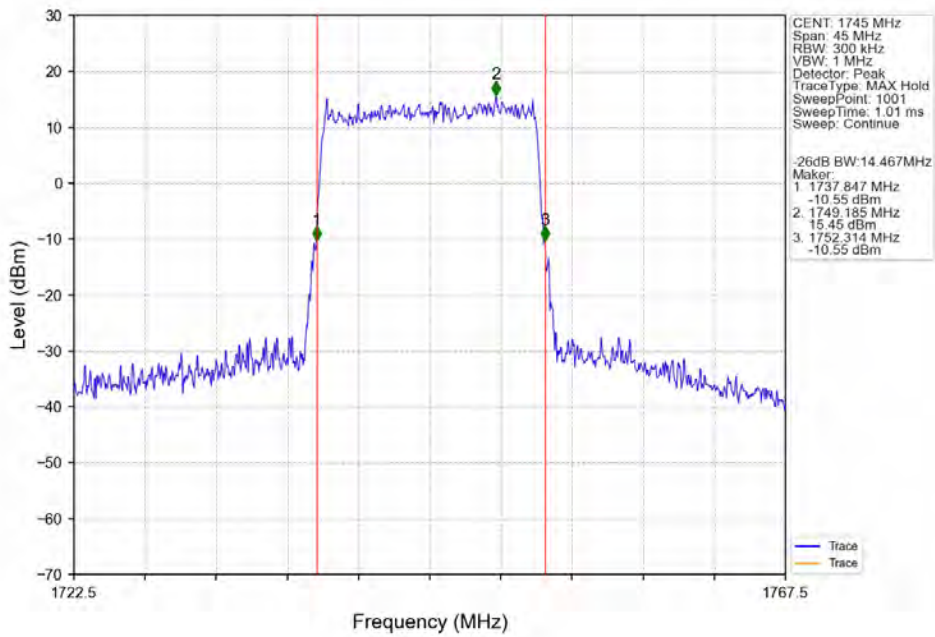
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



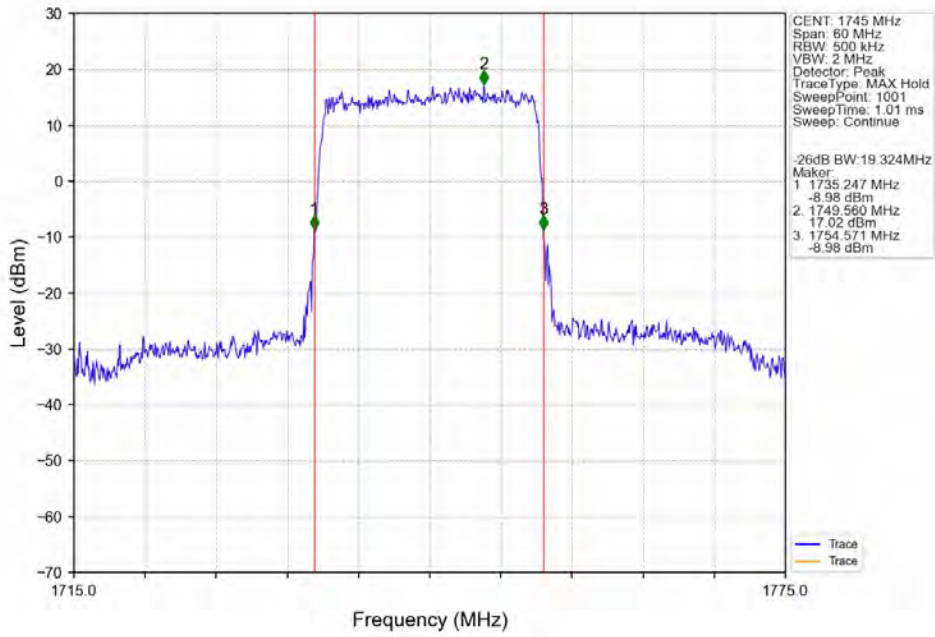
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



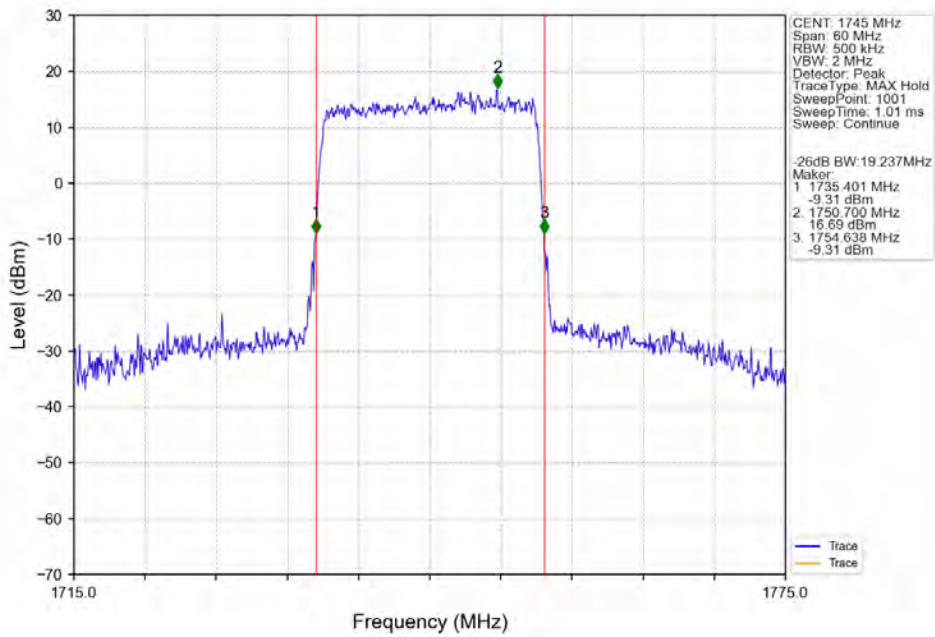
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



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



## 4. Peak-Average Ratio

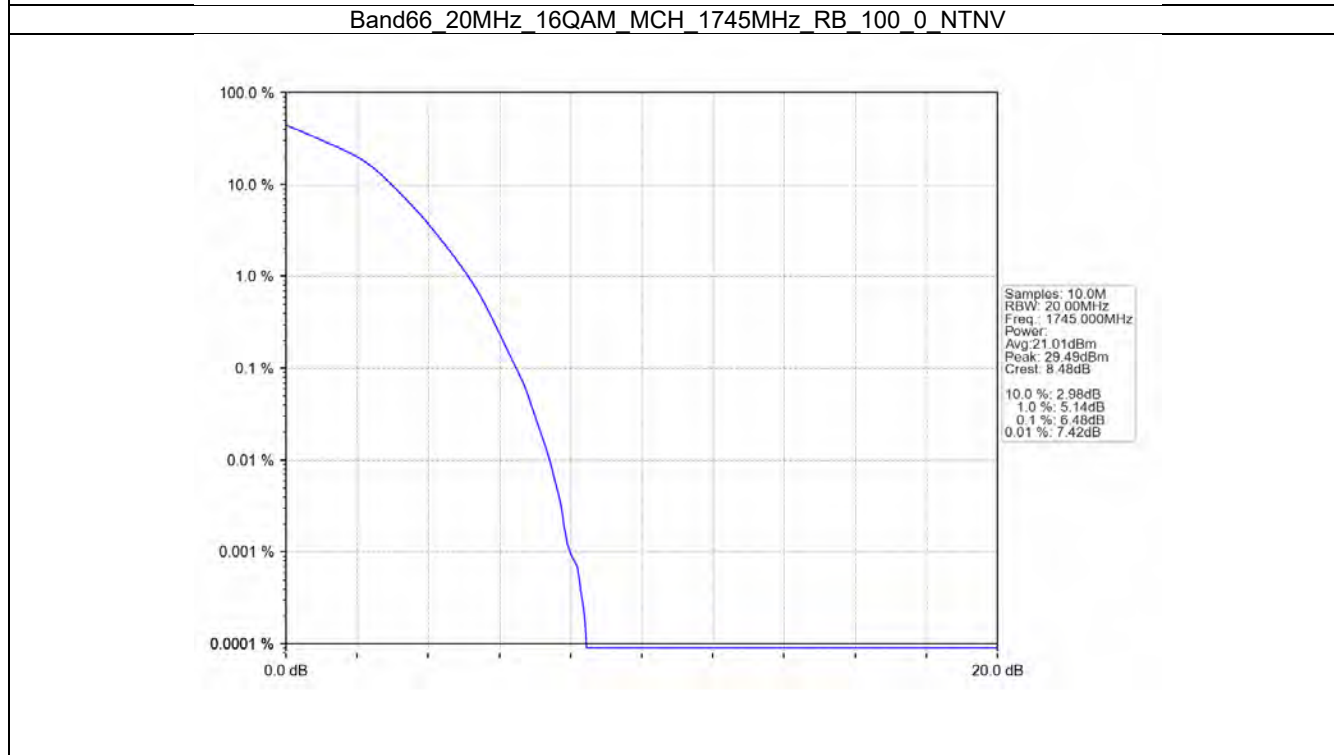
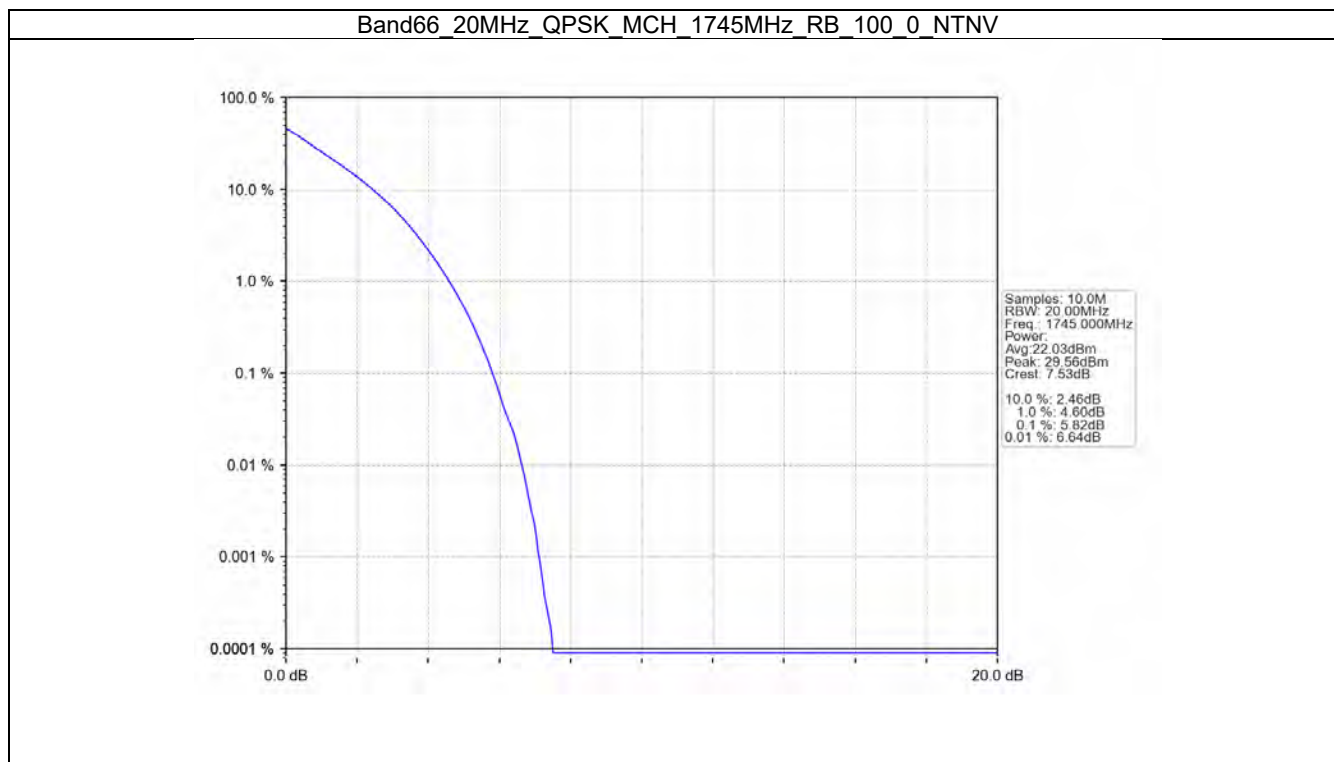
### 4.1 Test Result

#### 4.1.1 B66\_20MHz

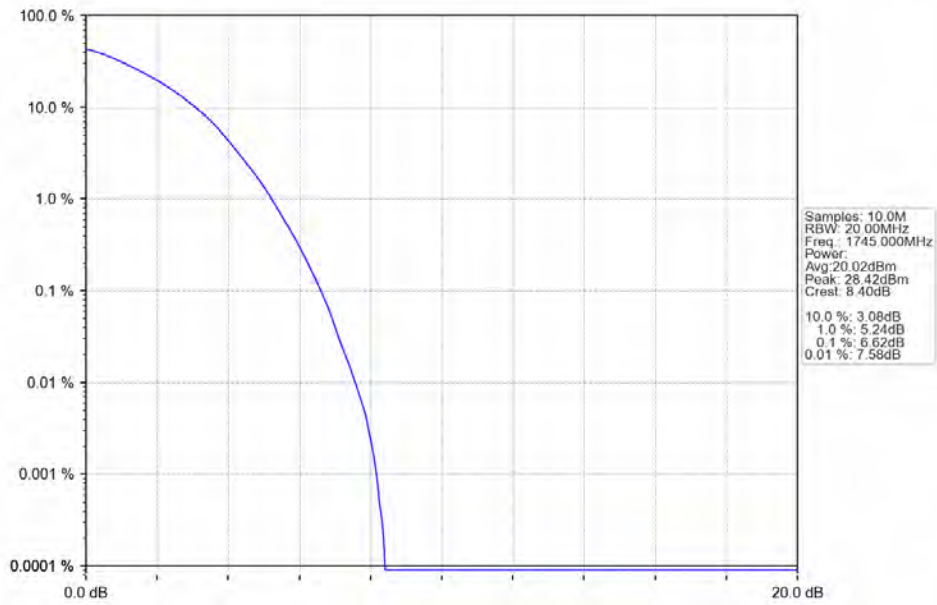
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.82	<=13	Pass
16QAM	1745	100	0	6.48	<=13	Pass
64QAM	1745	100	0	6.62	<=13	Pass
256QAM	1745	100	0	6.48	<=13	Pass

## 4.2 Test Graph

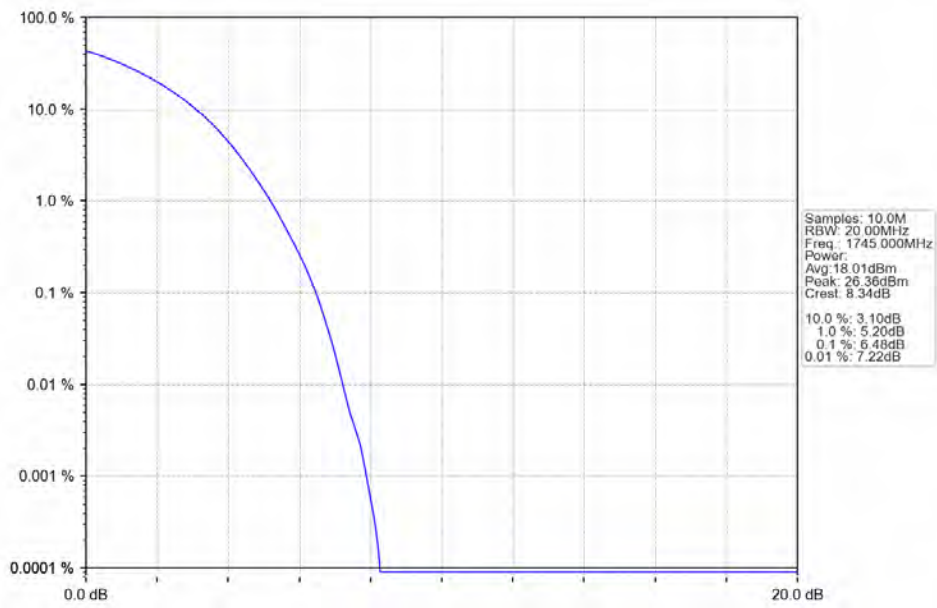
### 4.2.1 B66\_20MHz



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



Band66\_20MHz\_256QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B66\_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTV						
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 / NTV						
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

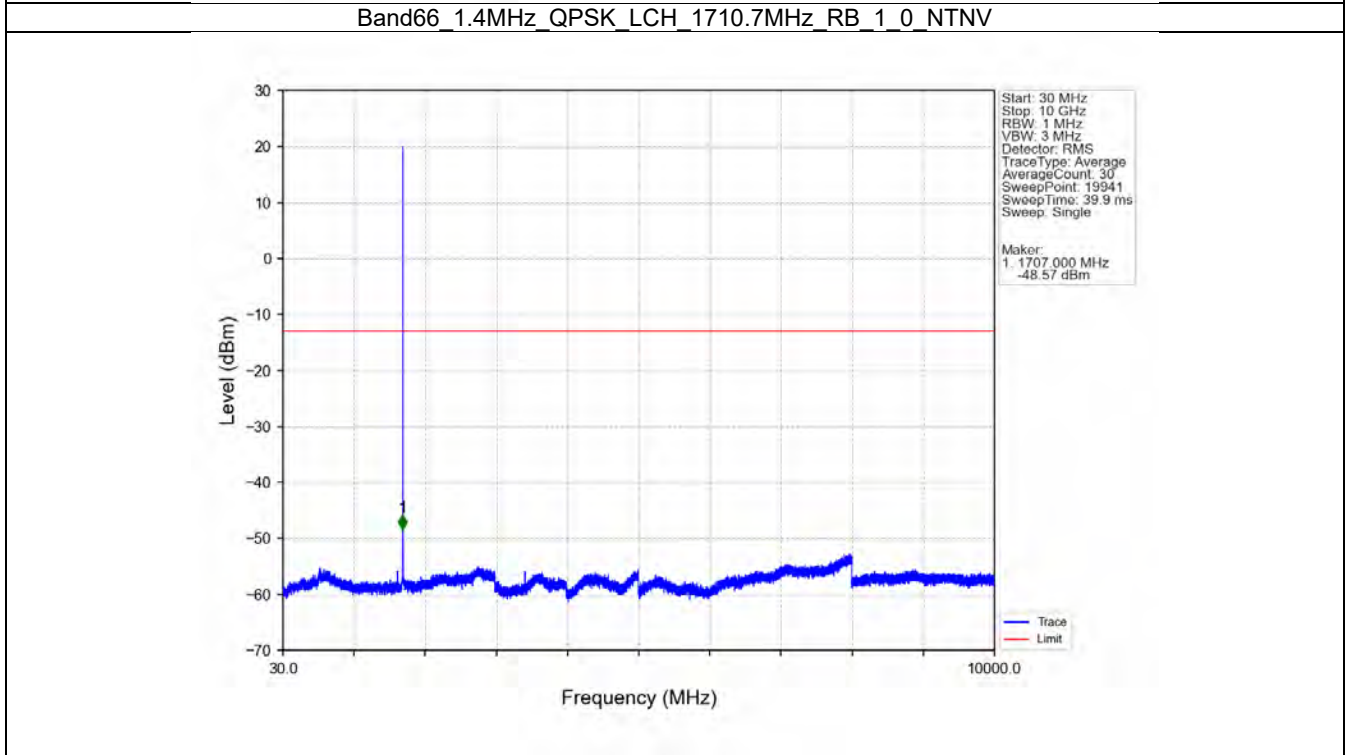
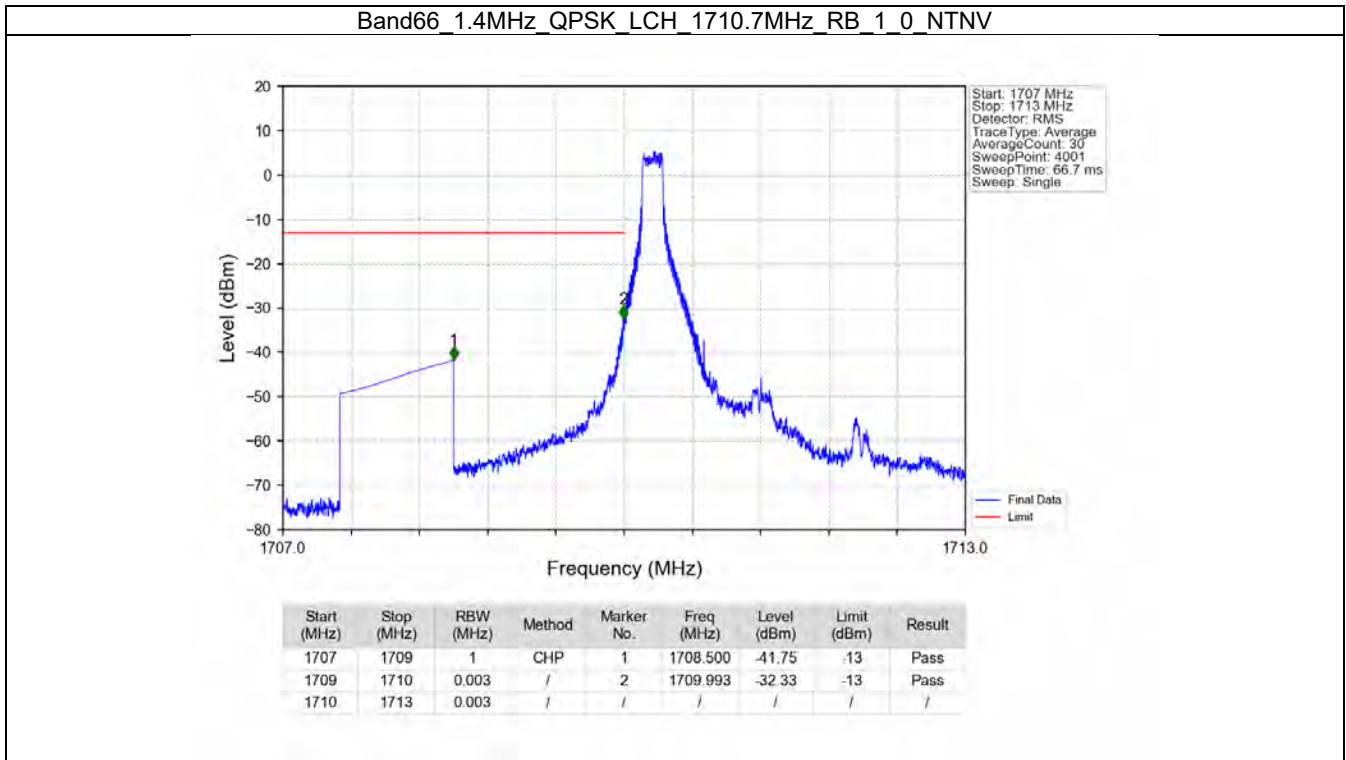
Band: 66 / Bandwidth: 15MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1717.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1745	1	0	Refer To Test Graph		Pass	
	1772.5	1		0	Refer To Test Graph		Pass
				74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

### 5.1.6 B66\_20MHz

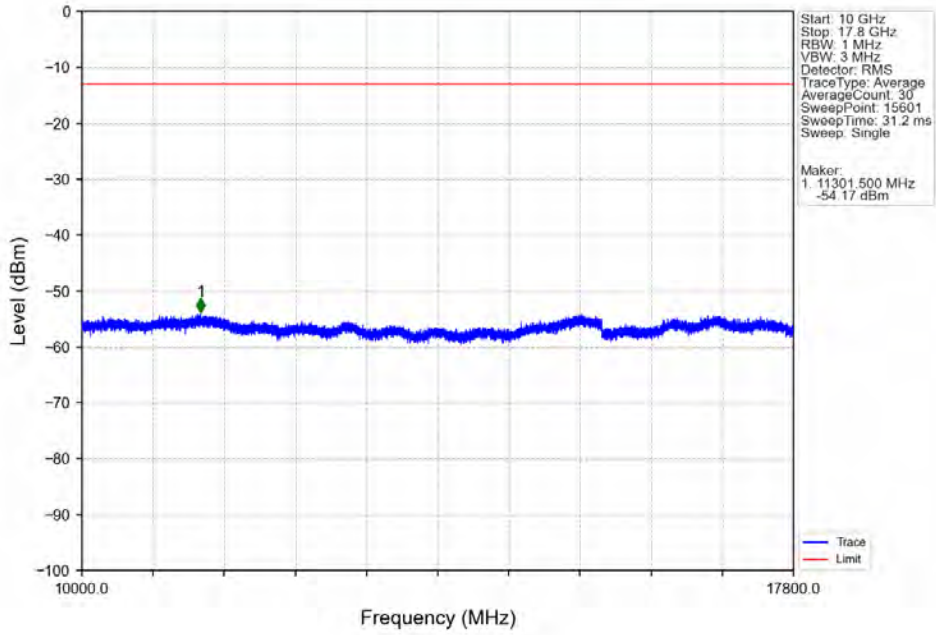
Band: 66 / Bandwidth: 20MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1745	1	0	Refer To Test Graph		Pass	
	1770	1		0	Refer To Test Graph		Pass
				99	Refer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

## 5.2 Test Graph

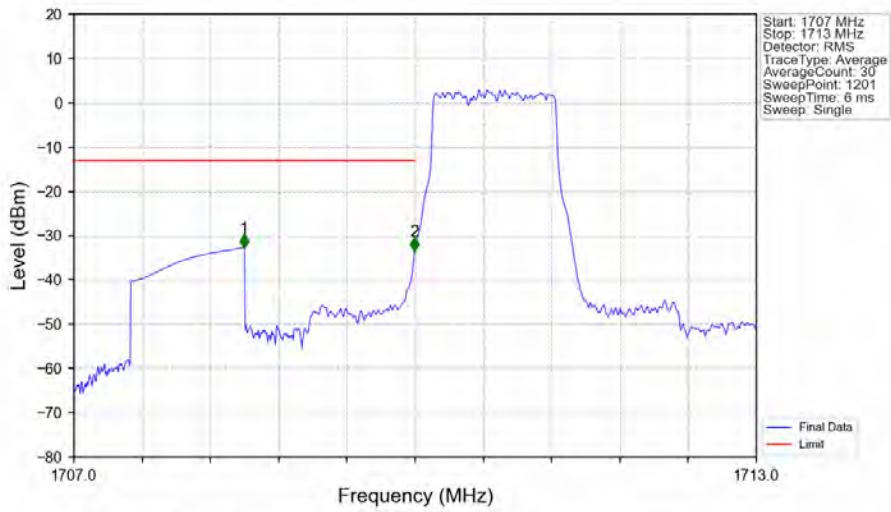
### 5.2.1 B66\_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

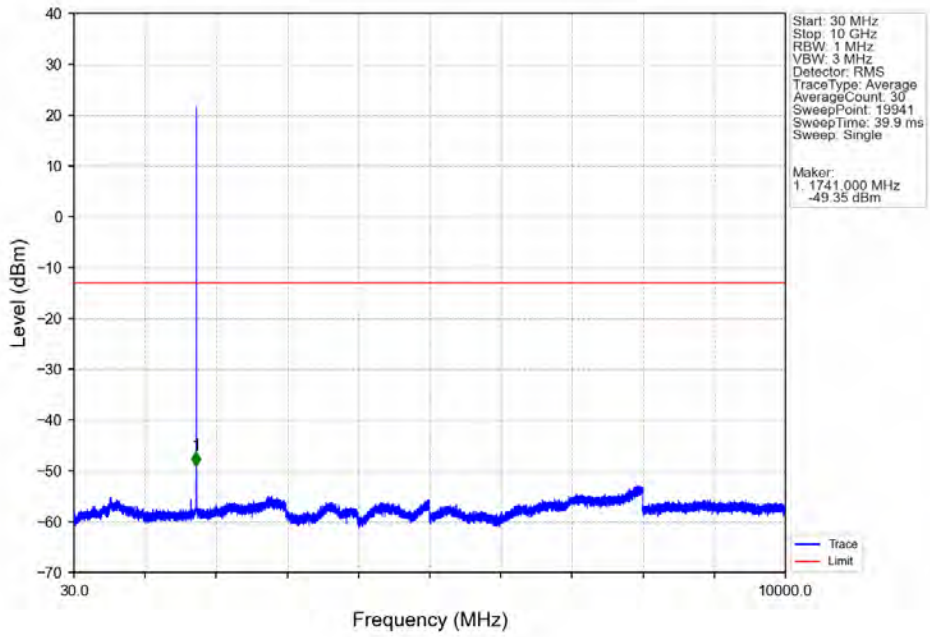


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

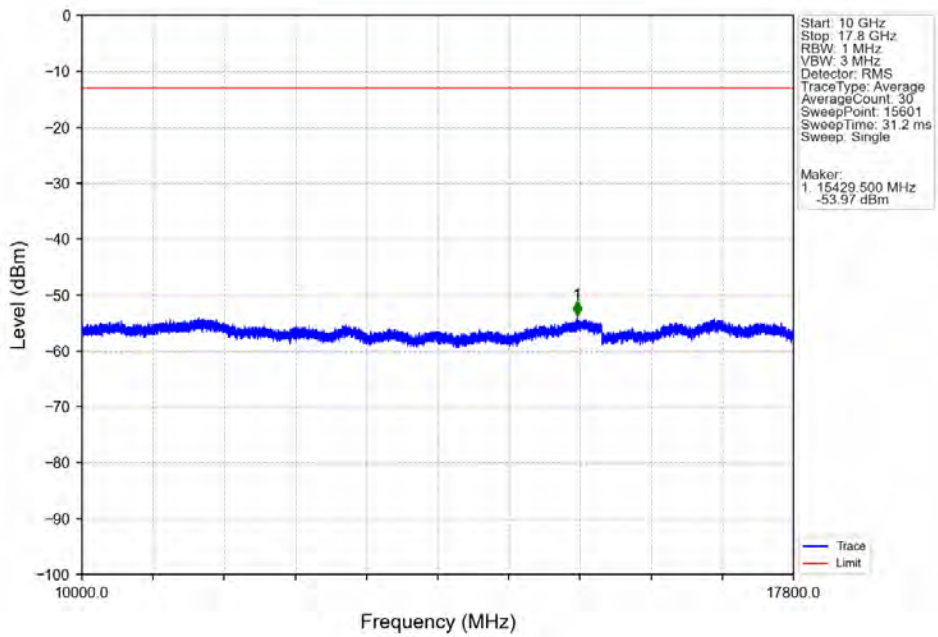


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.495	-32.71	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.44	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

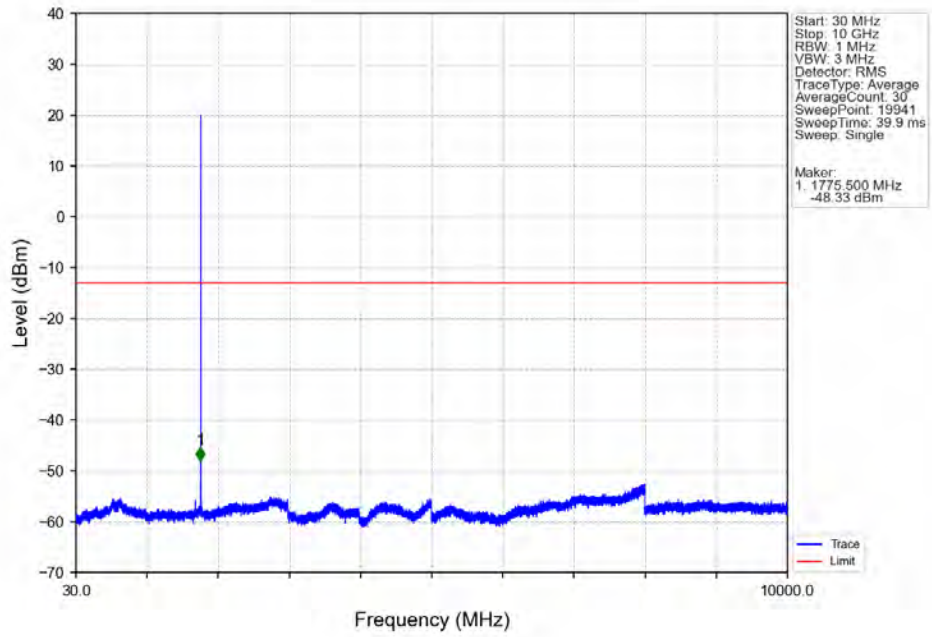
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



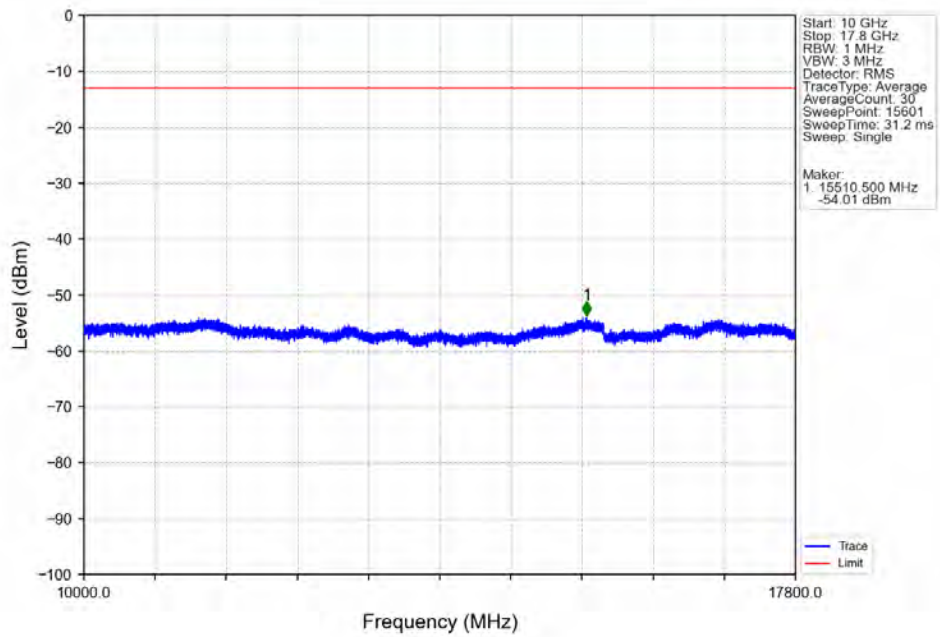
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



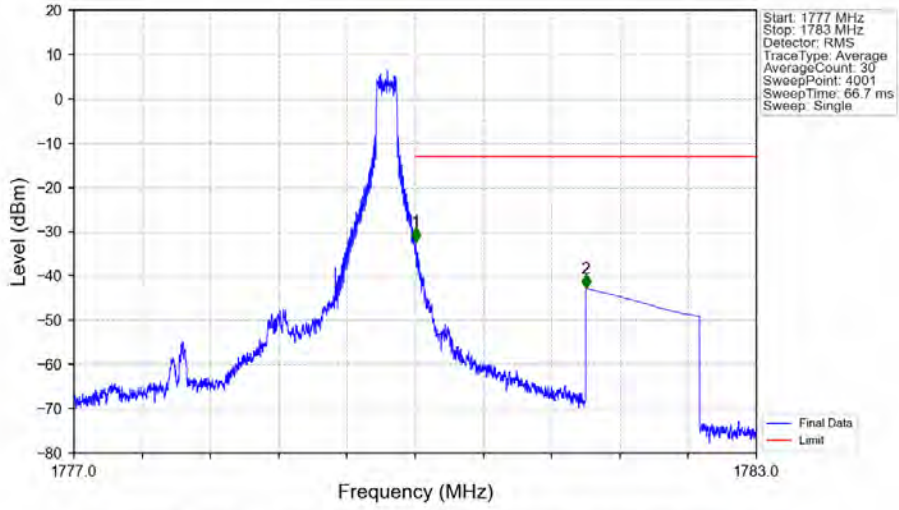
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

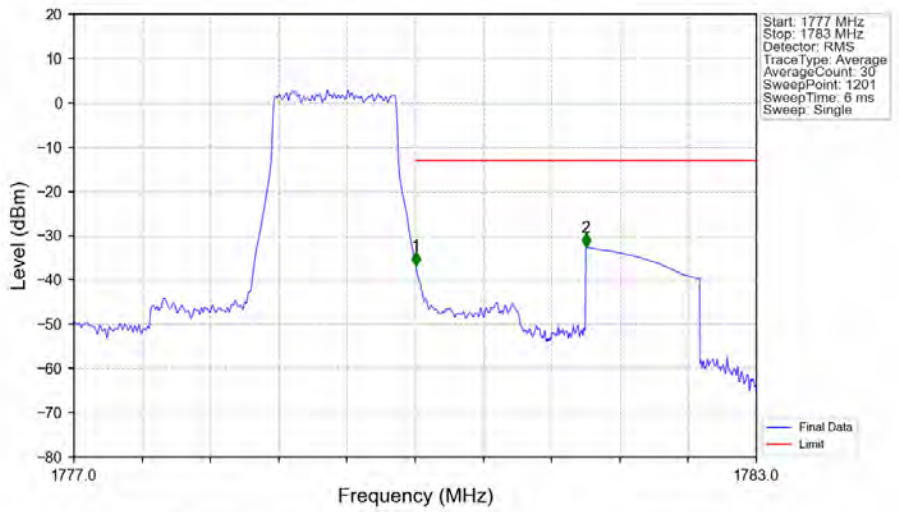


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



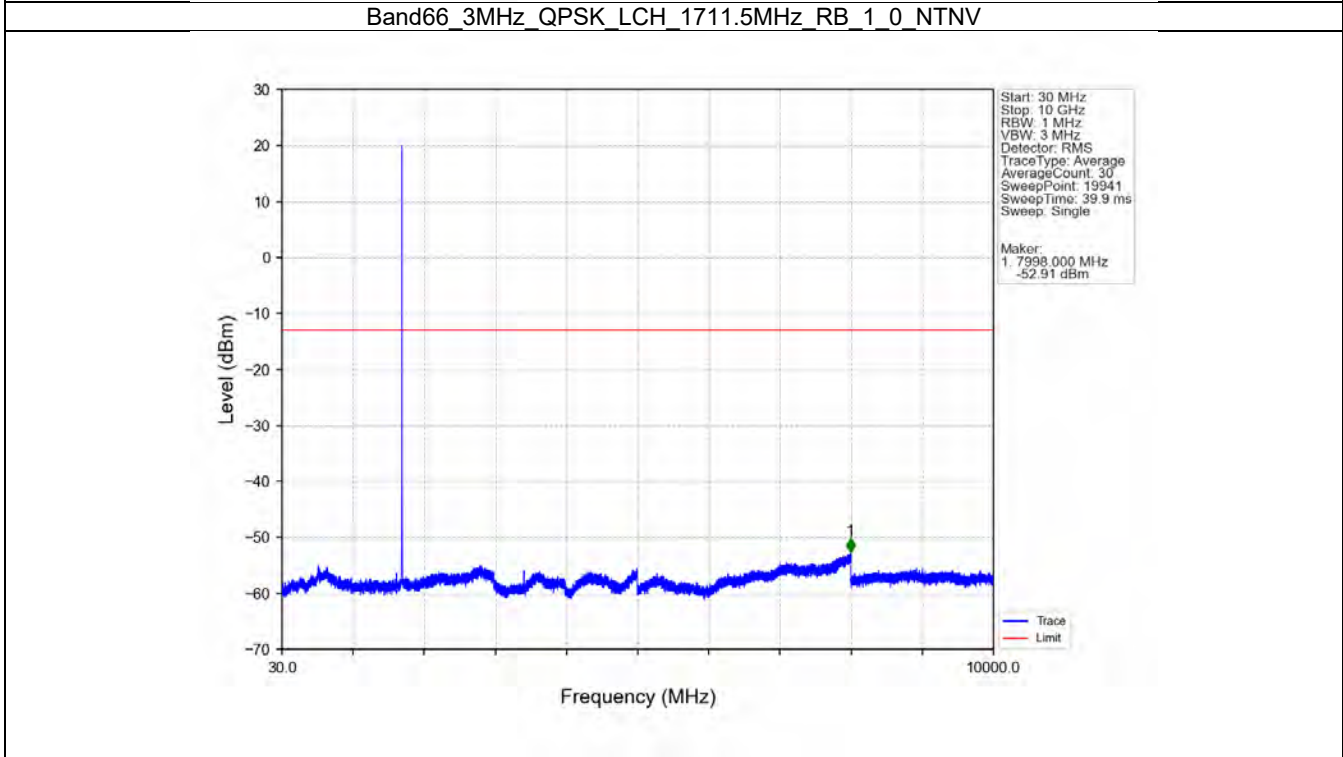
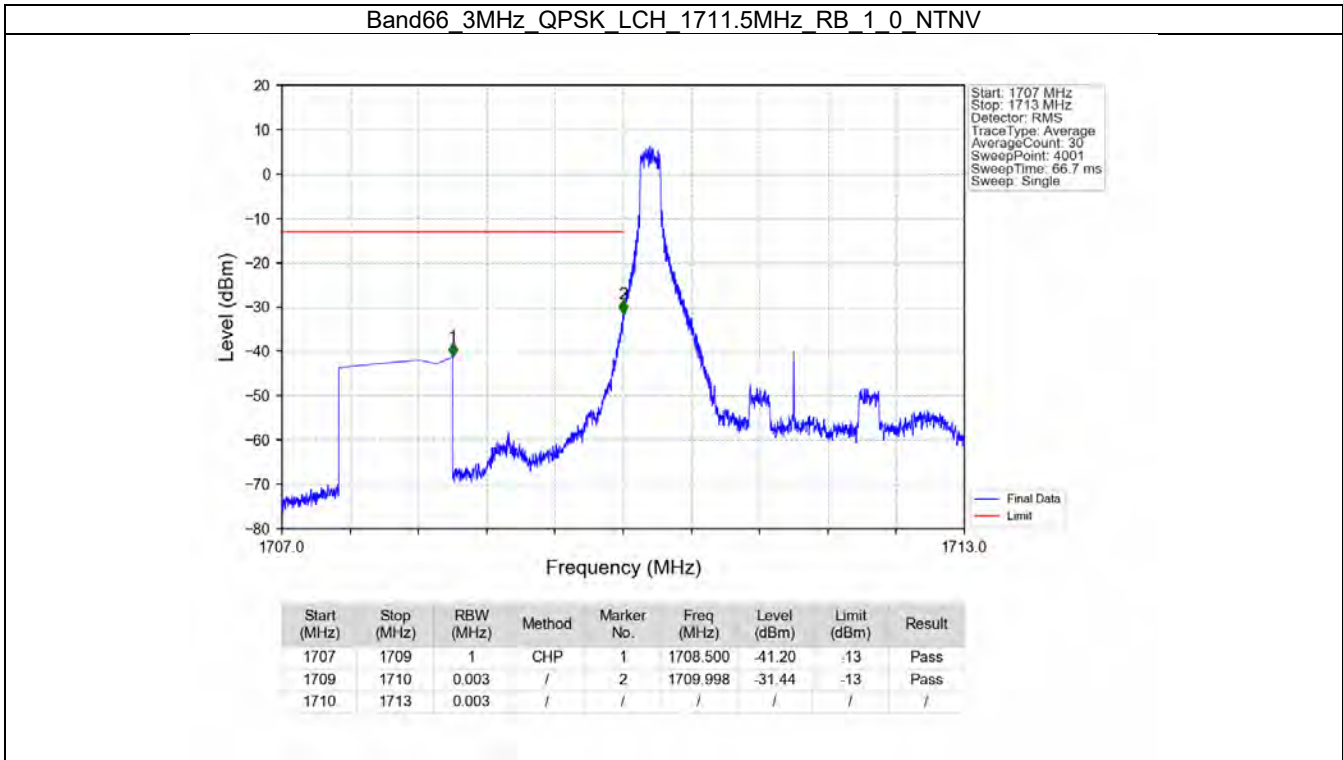
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-32.22	-13	Pass
1781	1783	1	CHP	2	1781.500	-42.82	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

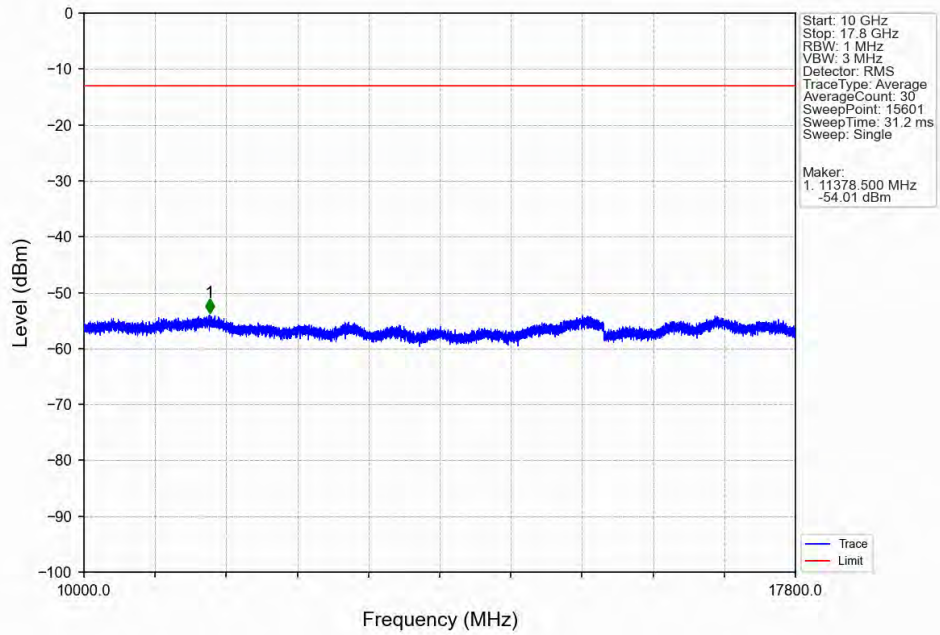


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.005	-36.72	-13	Pass
1781	1783	1	CHP	2	1781.500	-32.64	-13	Pass

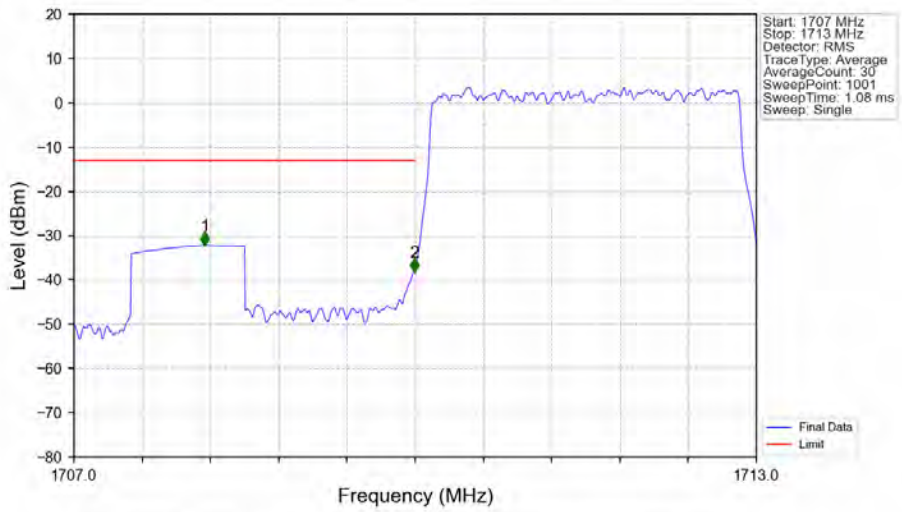
### 5.2.2 B66\_3MHz



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

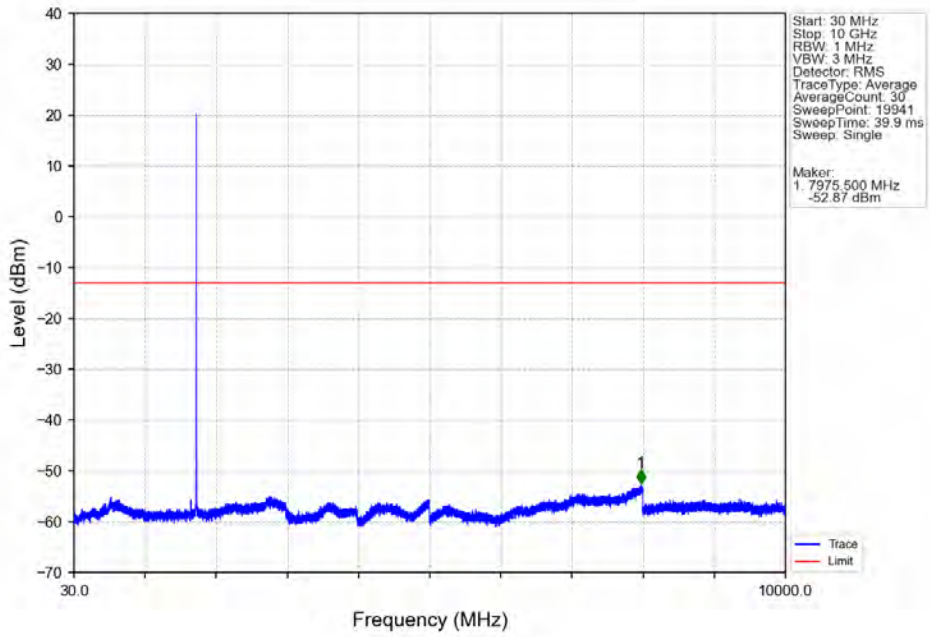


Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

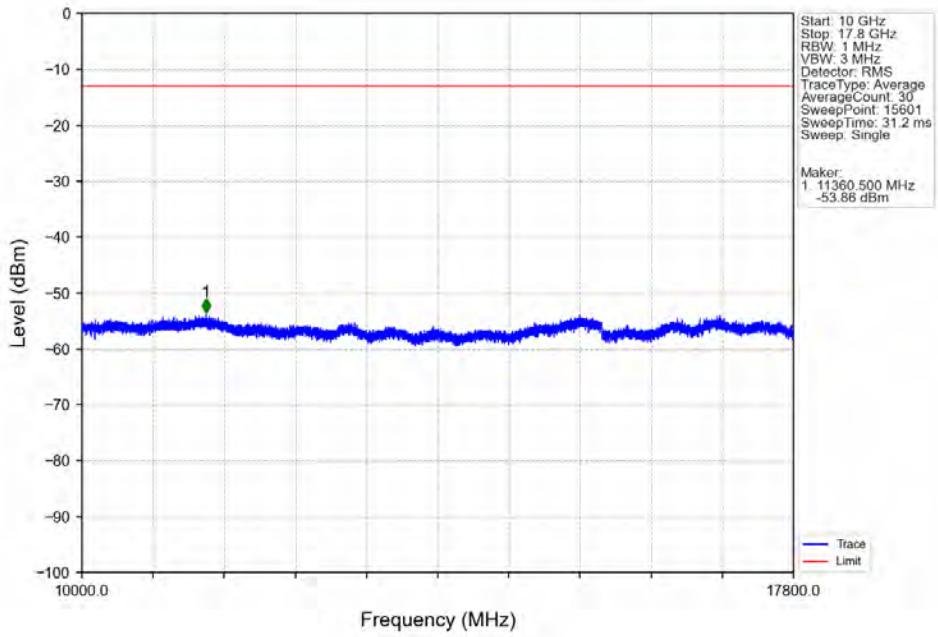


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.152	-32.16	-13	Pass
1709	1710	0.03	/	2	1709.994	-38.18	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

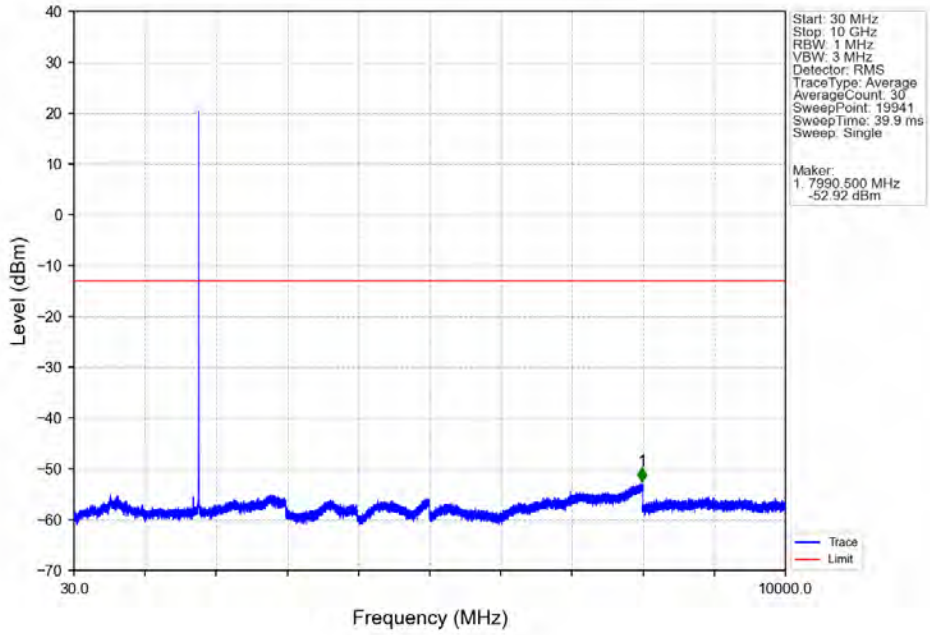
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTV



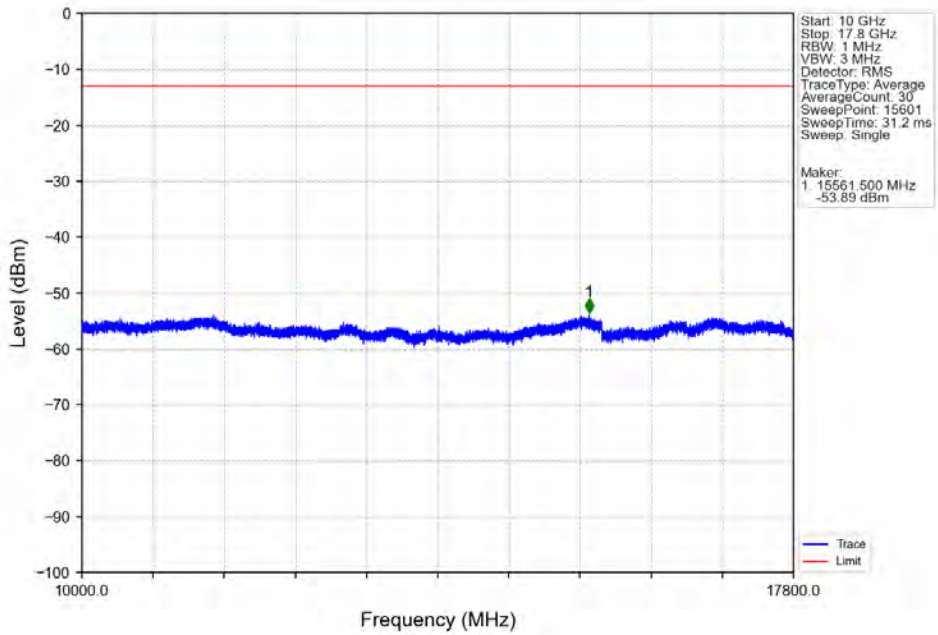
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTV



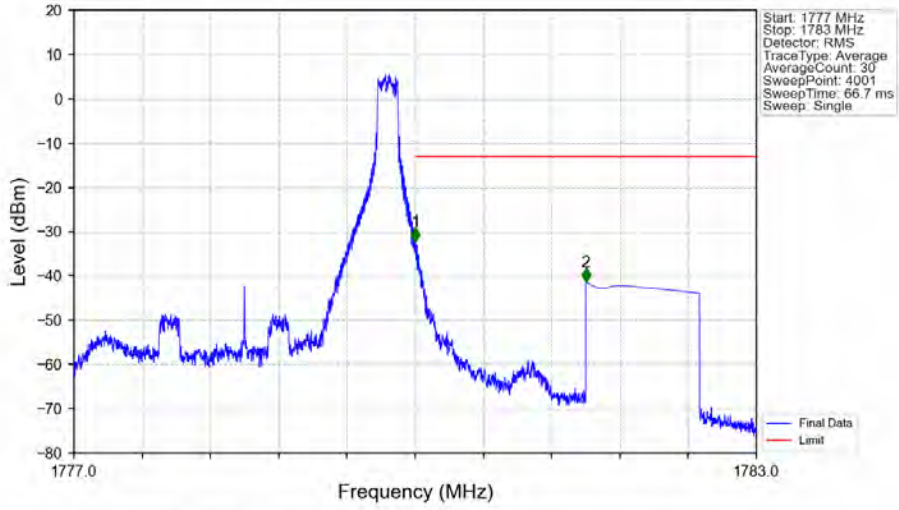
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV

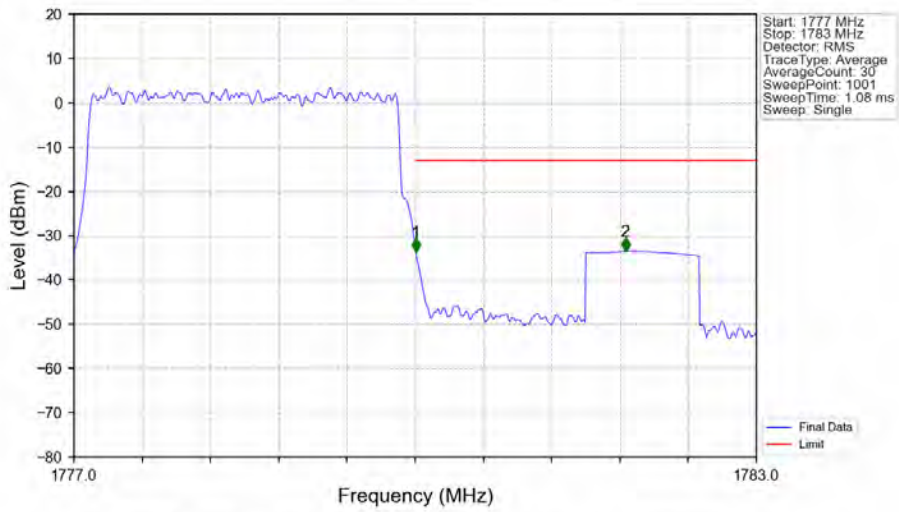


Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTNV



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	-32.23	-13	Pass
1781	1783	1	CHP	2	1781.500	-41.41	-13	Pass

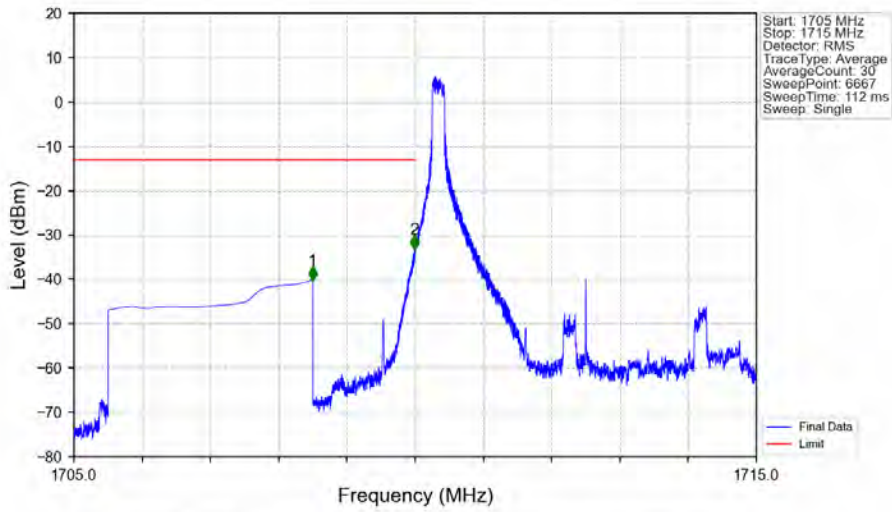
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



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	-33.66	-13	Pass
1781	1783	1	CHP	2	1781.848	-33.50	-13	Pass

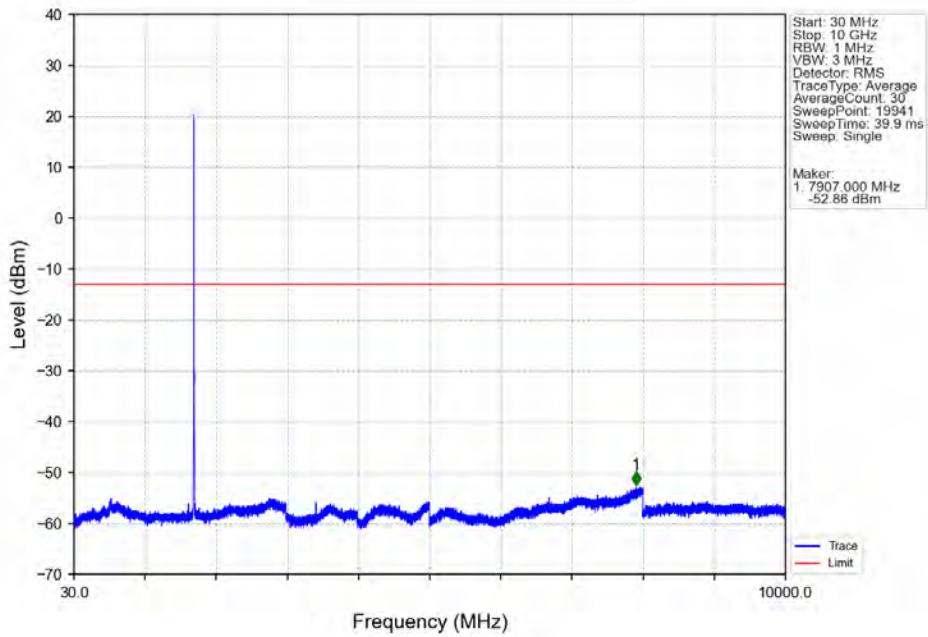
### 5.2.3 B66\_5MHz

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

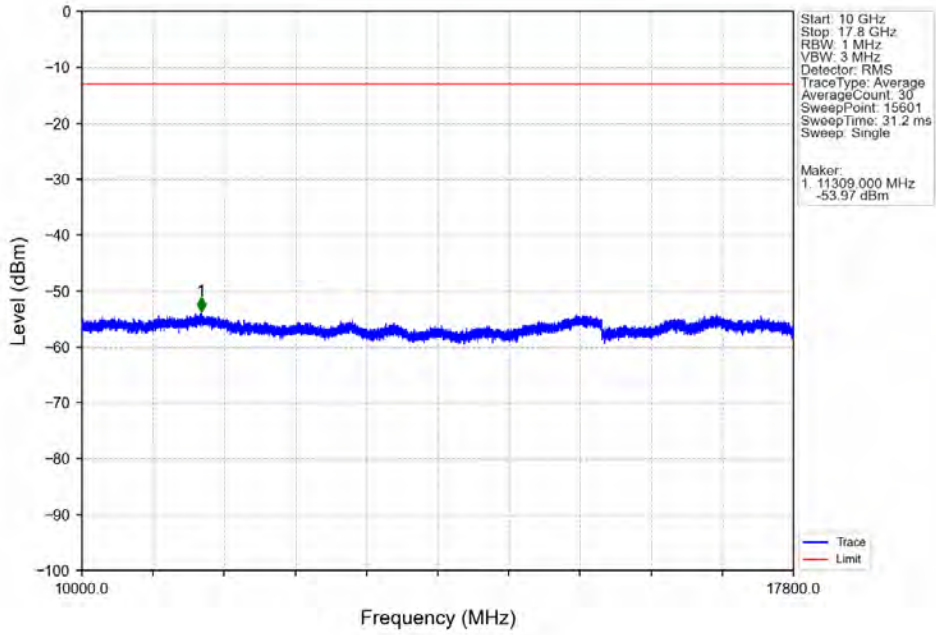


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.497	-40.19	-13	Pass
1709	1710	0.003	/	2	1709.991	-33.12	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

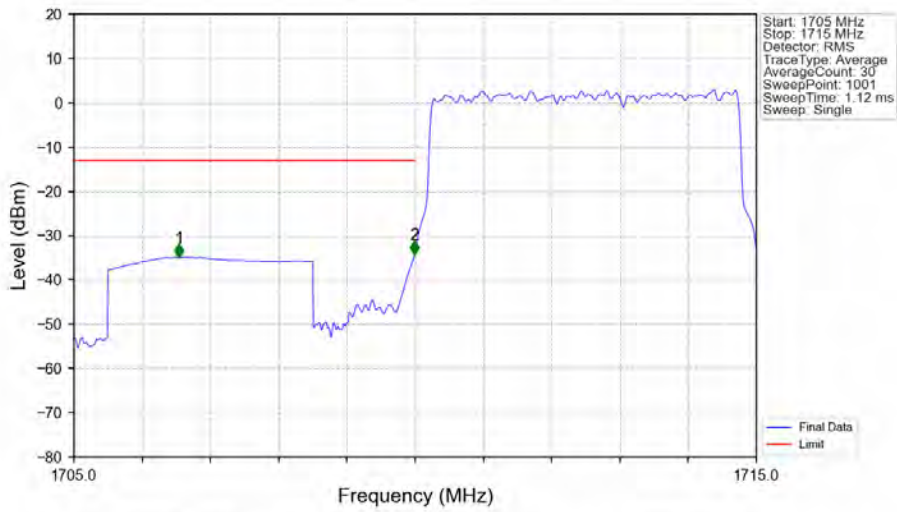
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



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

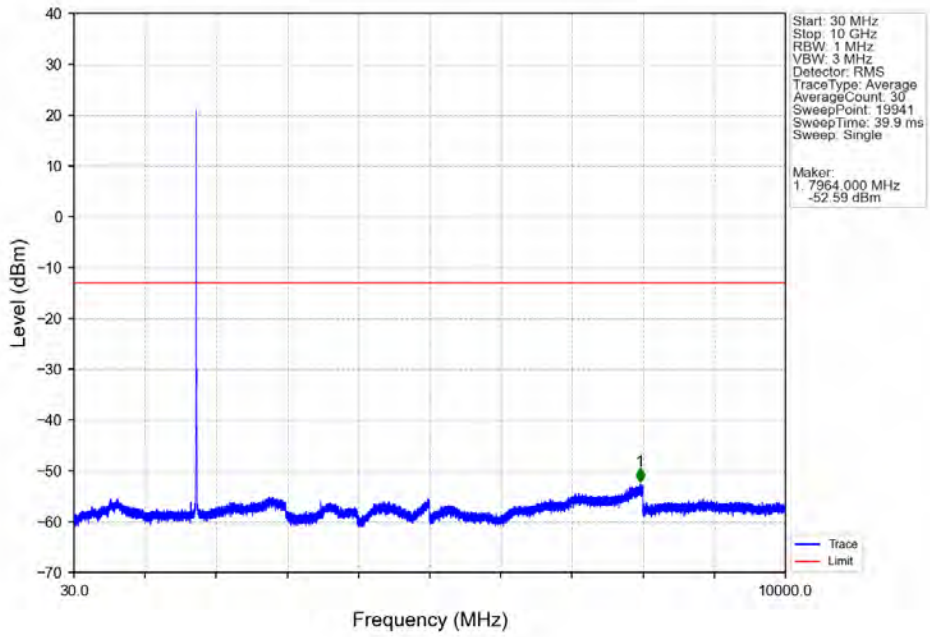


Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV

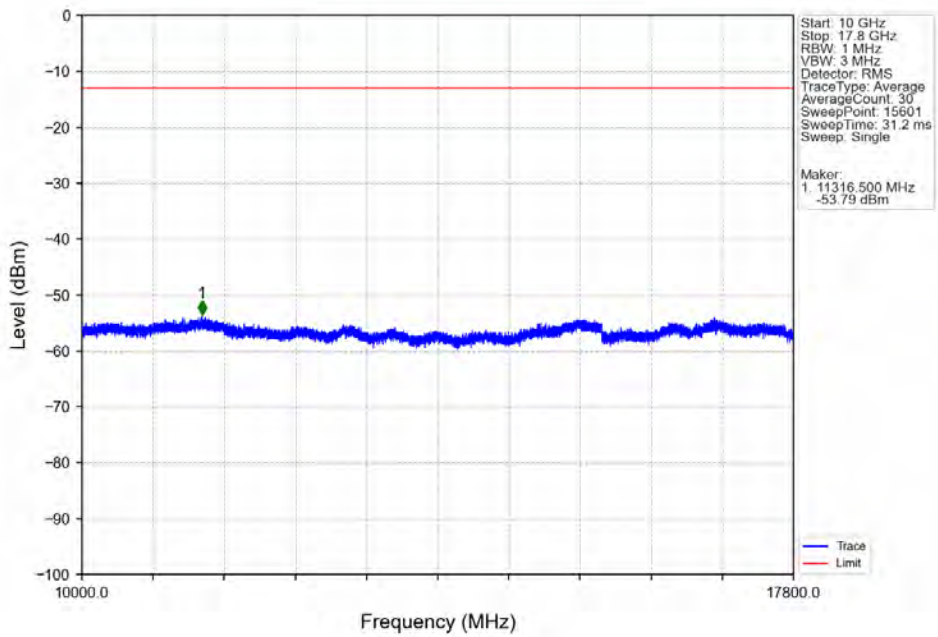


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.540	-34.93	-13	Pass
1709	1710	0.049	CHP	2	1709.990	-34.26	-13	Pass
1710	1715	0.049	CHP	/	/	/	/	/

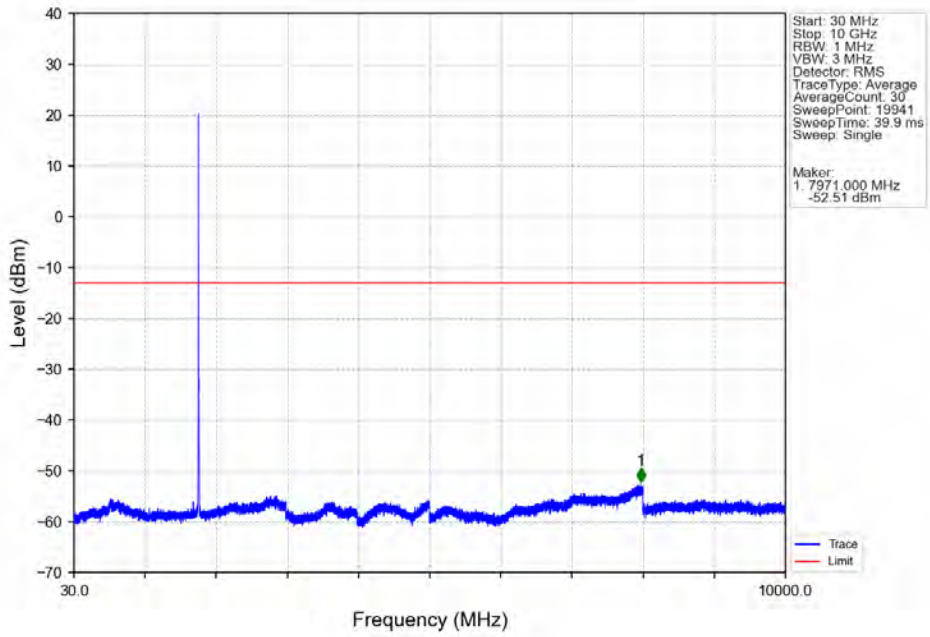
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



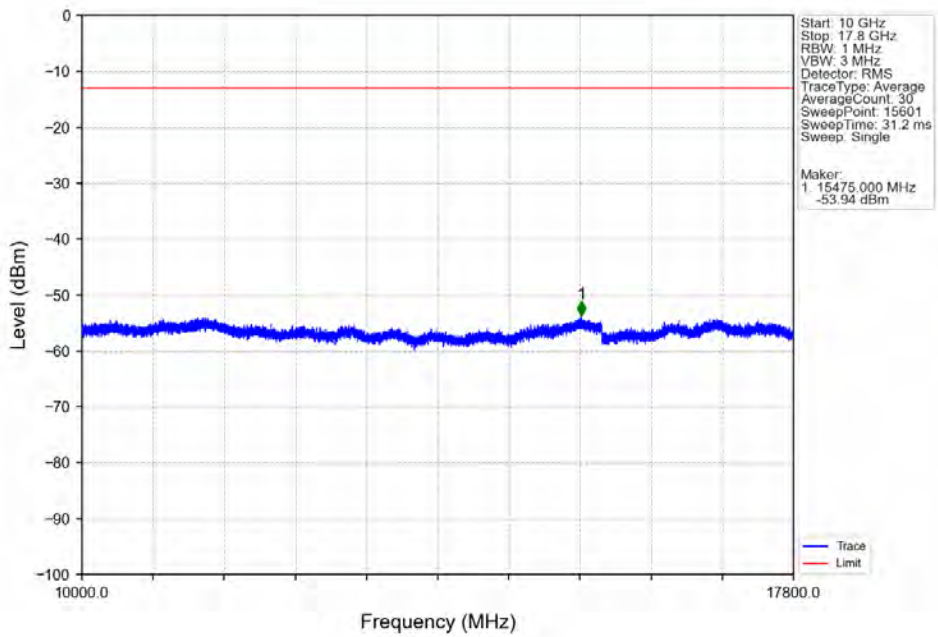
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTNV



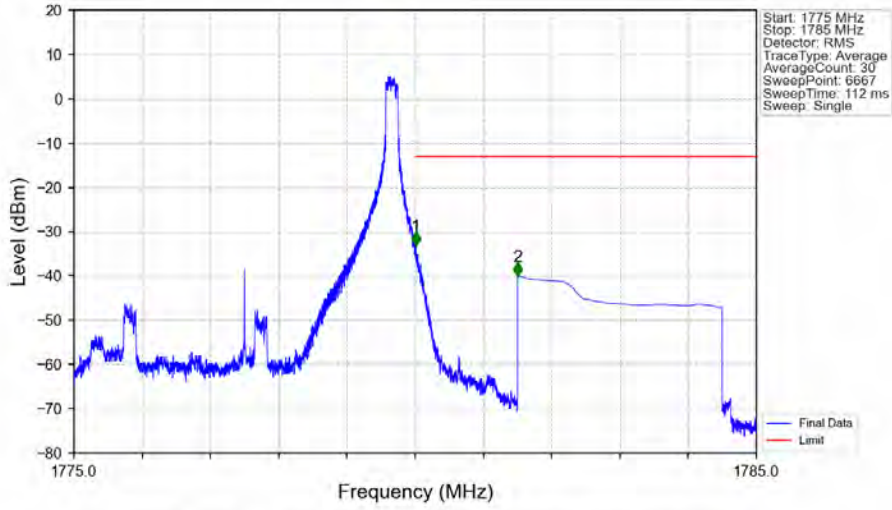
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_0\_NTNV



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

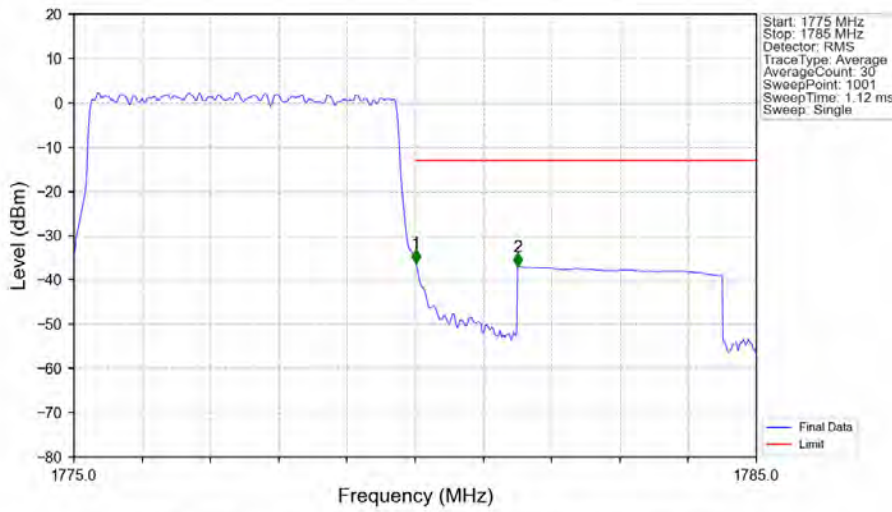


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



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	1780.009	-33.16	-13	Pass
1781	1785	1	CHP	2	1781.500	-40.06	-13	Pass

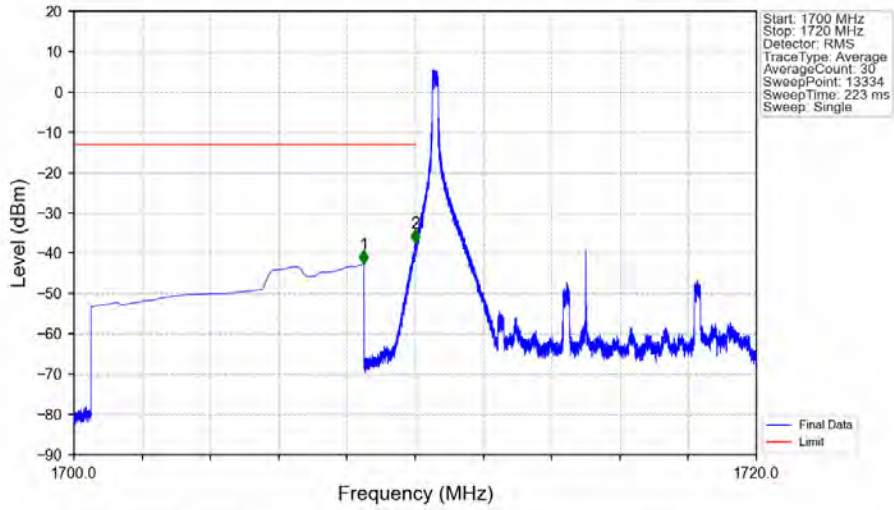
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV



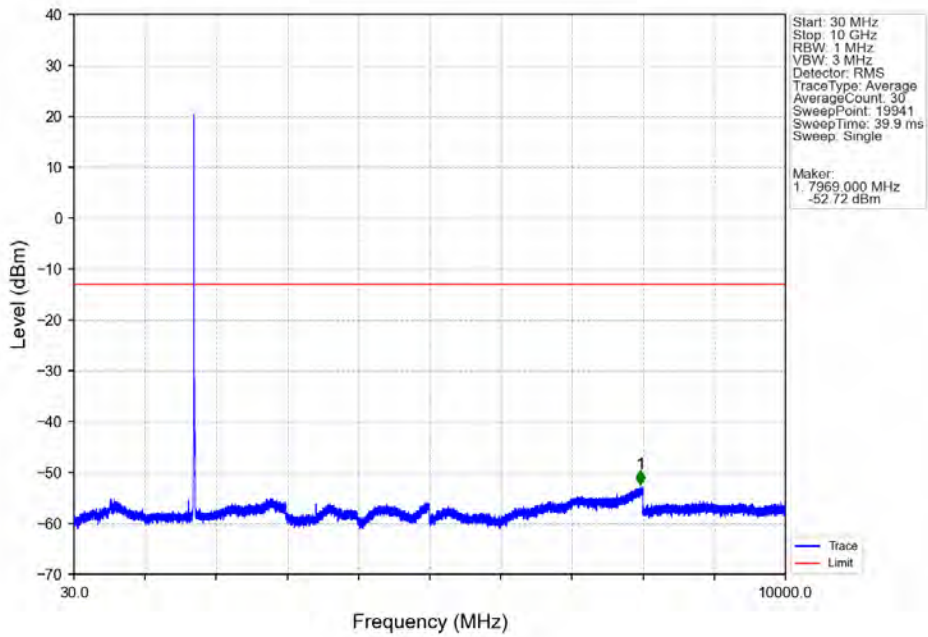
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.049	CHP	/	/	/	/	/
1780	1781	0.049	CHP	1	1780.010	-36.16	-13	Pass
1781	1785	1	CHP	2	1781.500	-36.98	-13	Pass

### 5.2.4 B66\_10MHz

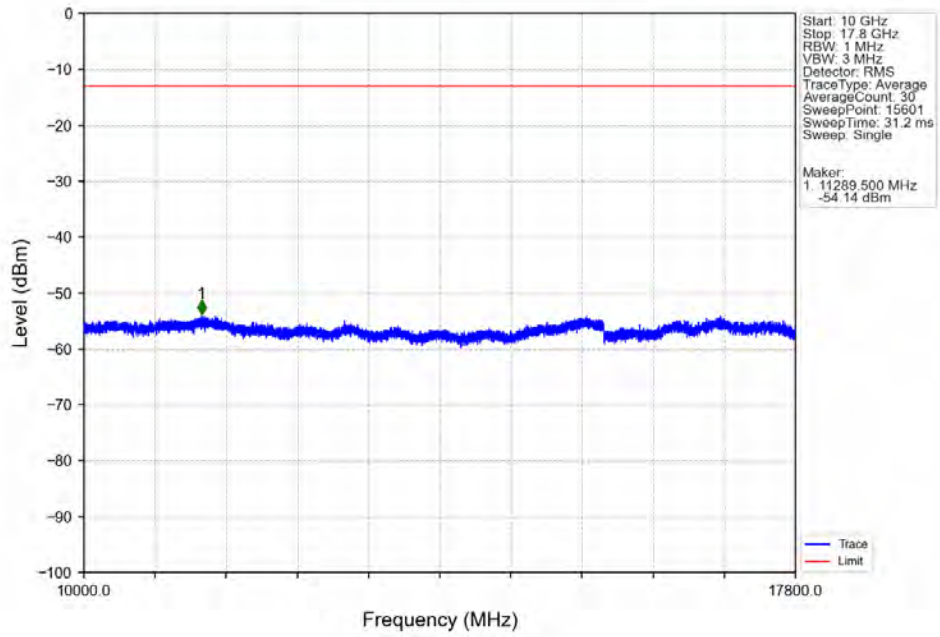
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN



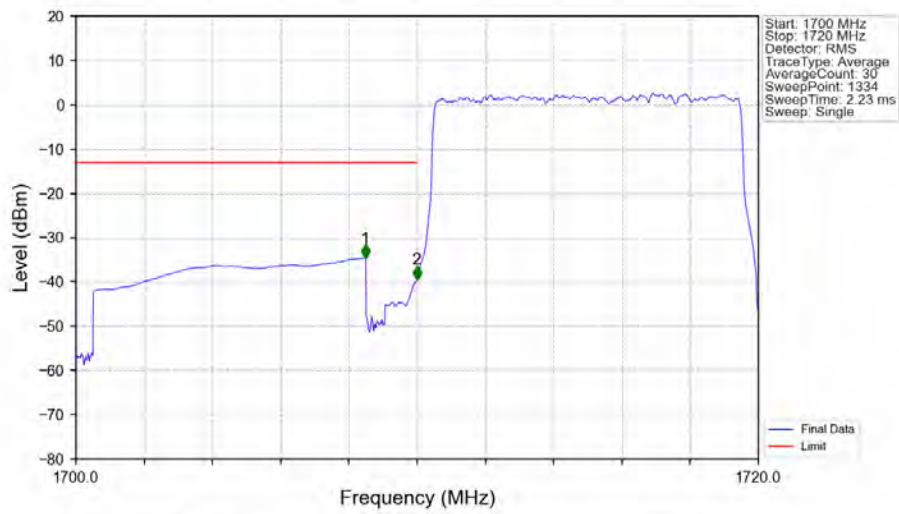
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN



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

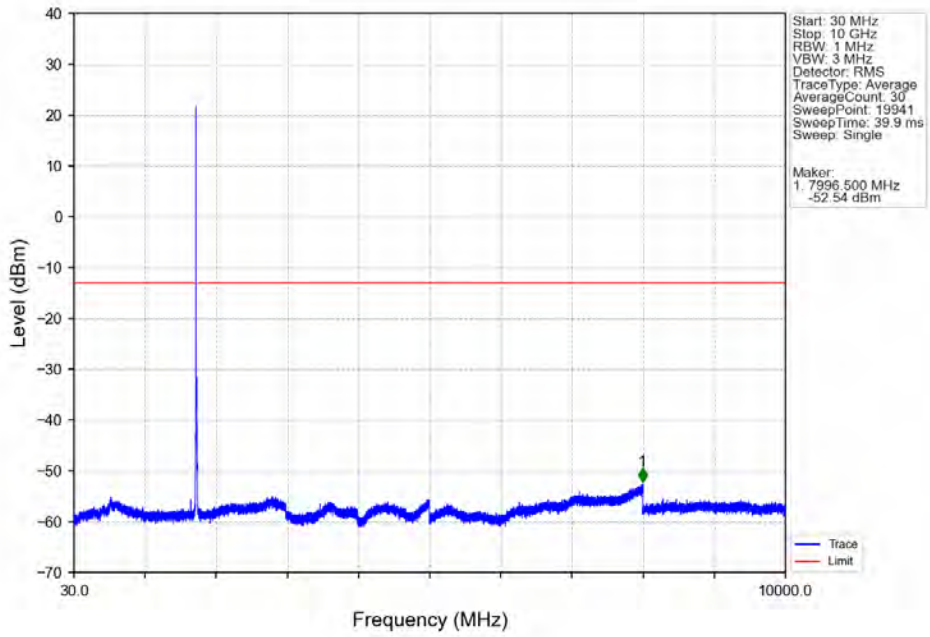


Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

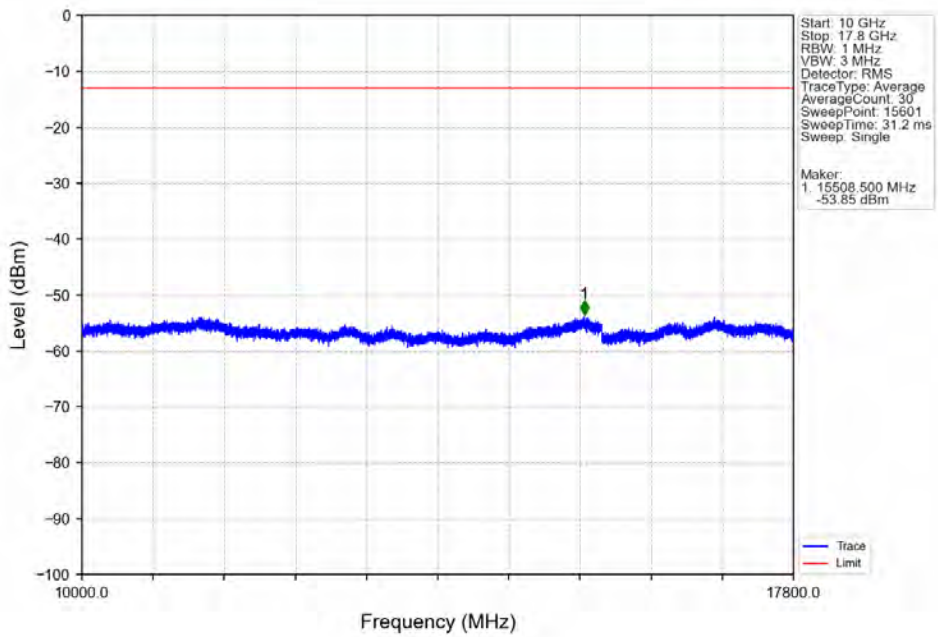


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.477	-34.56	-13	Pass
1709	1710	0.098	CHP	2	1709.992	-39.42	-13	Pass
1710	1720	0.098	CHP	/	/	/	/	/

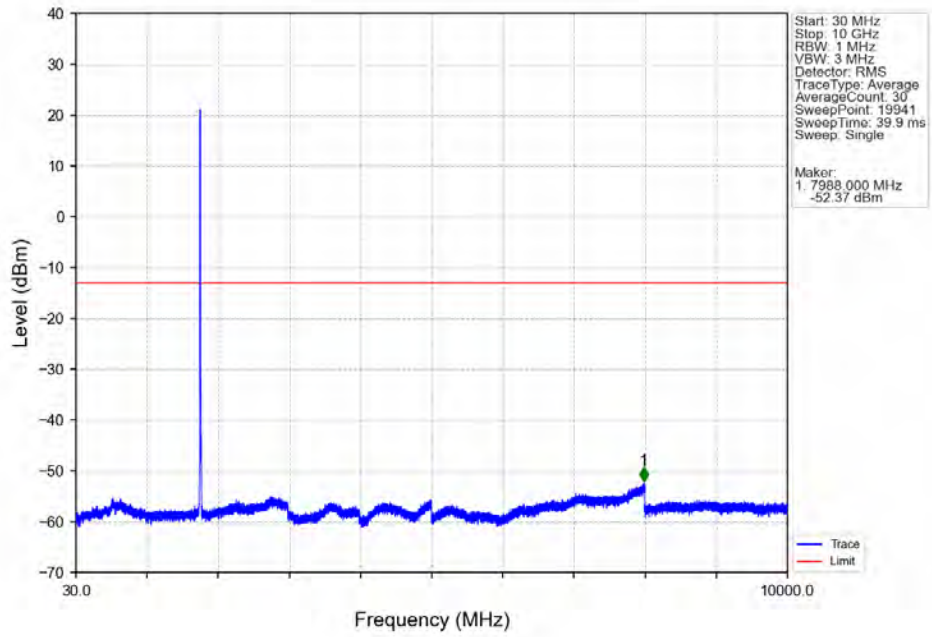
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTN



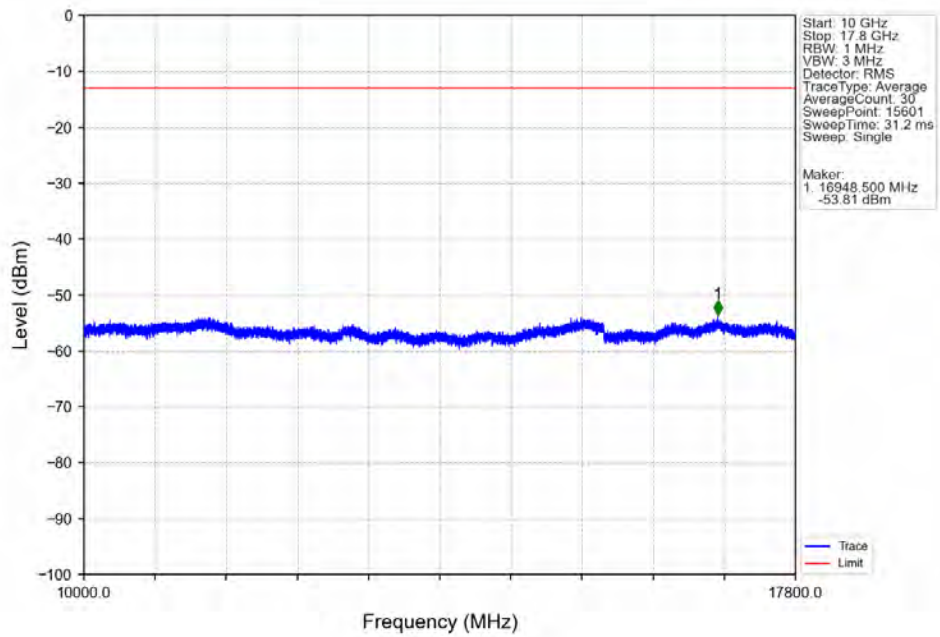
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTN



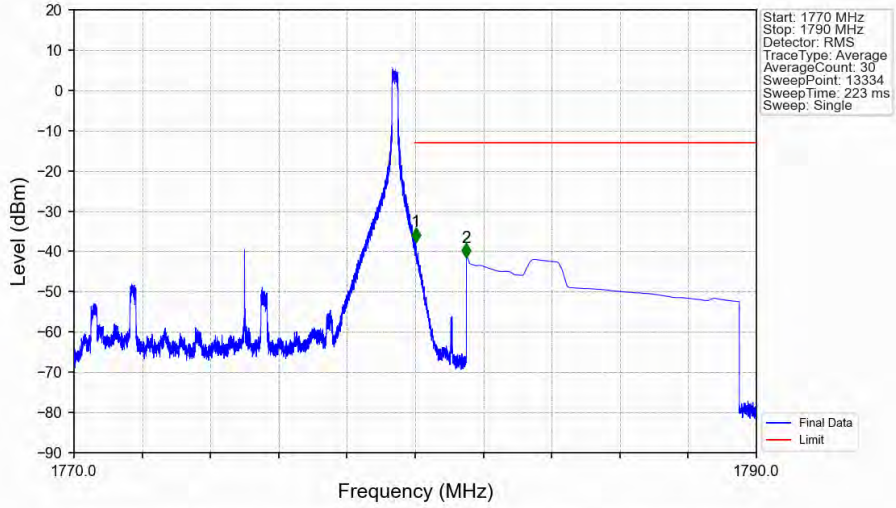
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN

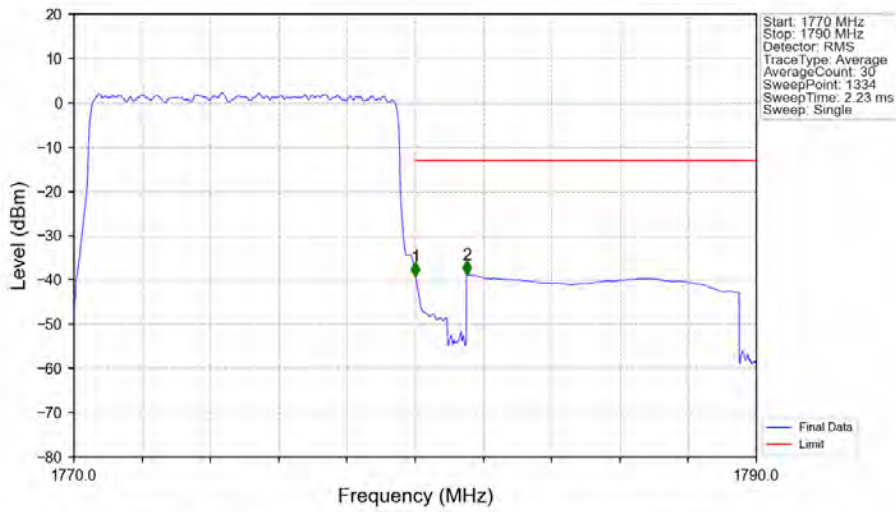


Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_1\_49\_NTV



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	1780.016	-37.54	-13	Pass
1781	1790	1	CHP	2	1781.501	-41.51	-13	Pass

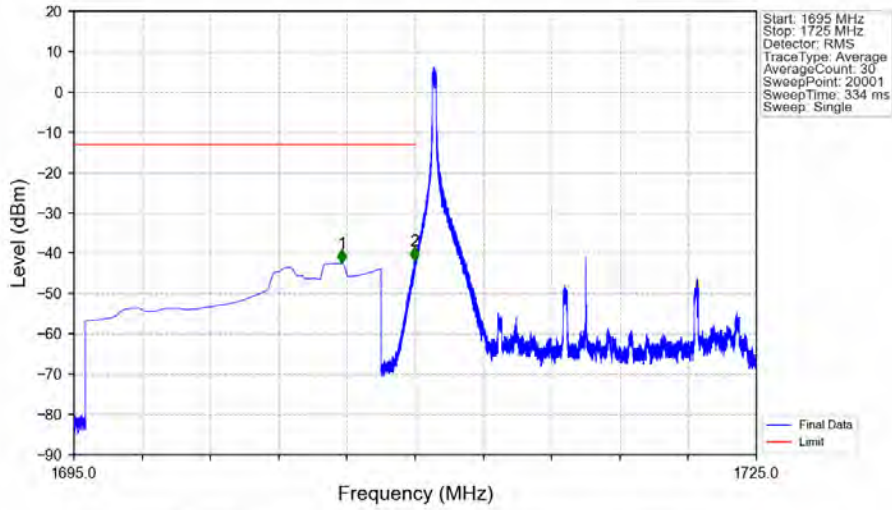
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTV



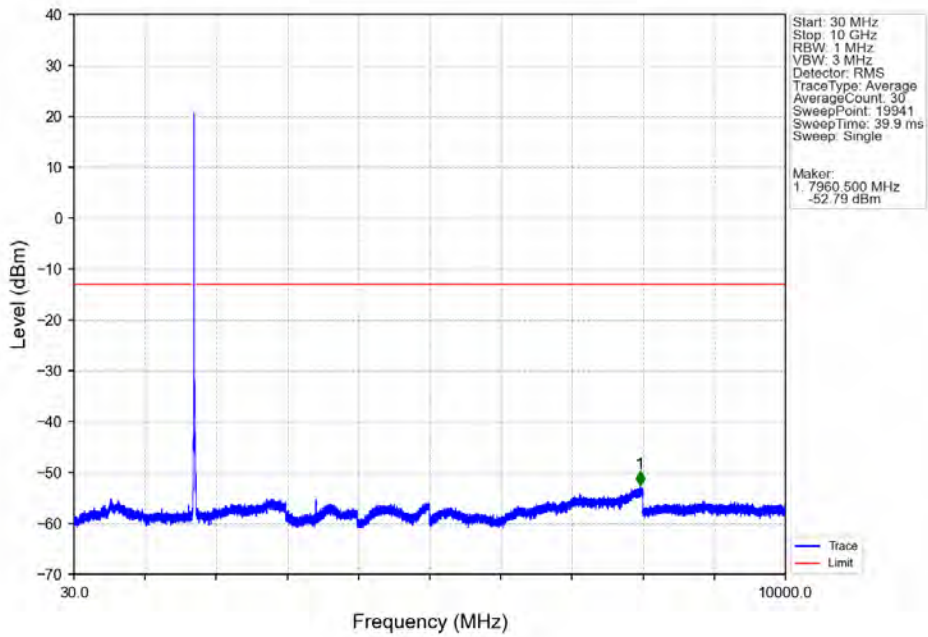
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.098	CHP	/	/	/	/	/
1780	1781	0.098	CHP	1	1780.008	-39.16	-13	Pass
1781	1790	1	CHP	2	1781.508	-38.82	-13	Pass

### 5.2.5 B66\_15MHz

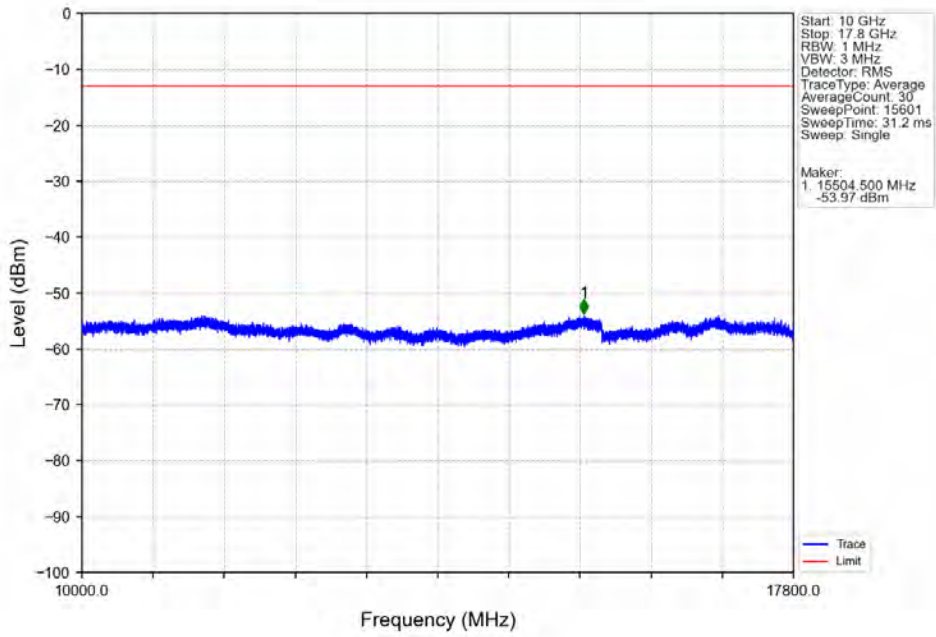
Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



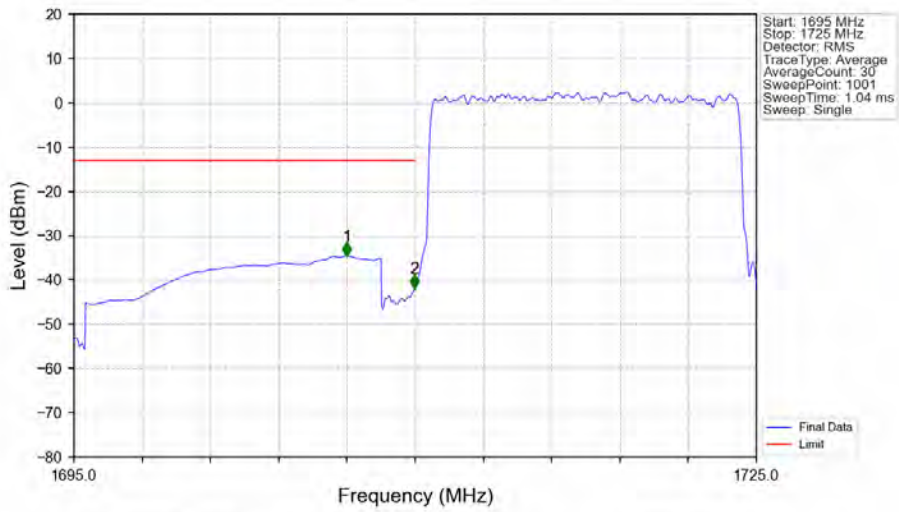
Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV



Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV

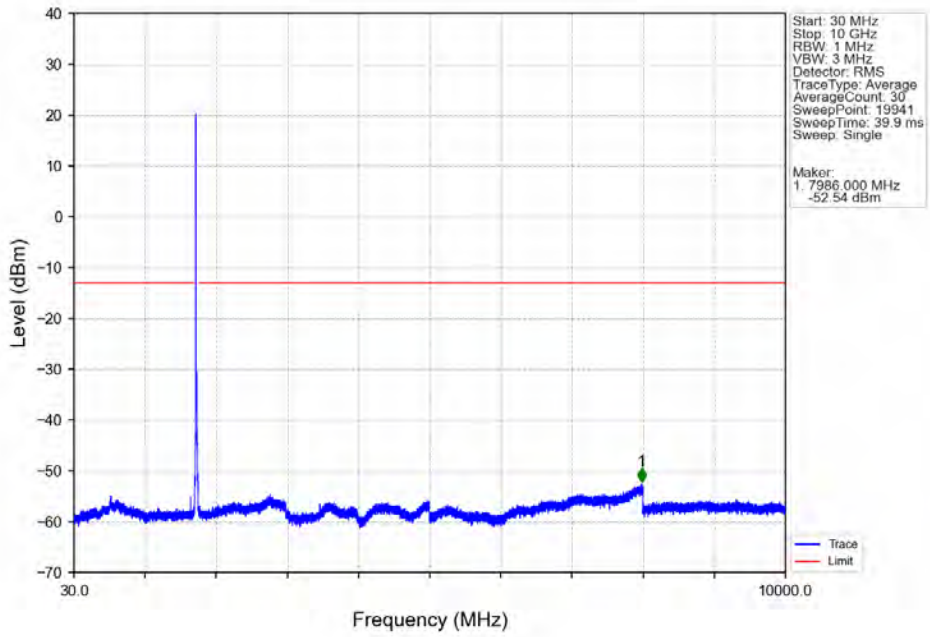


Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

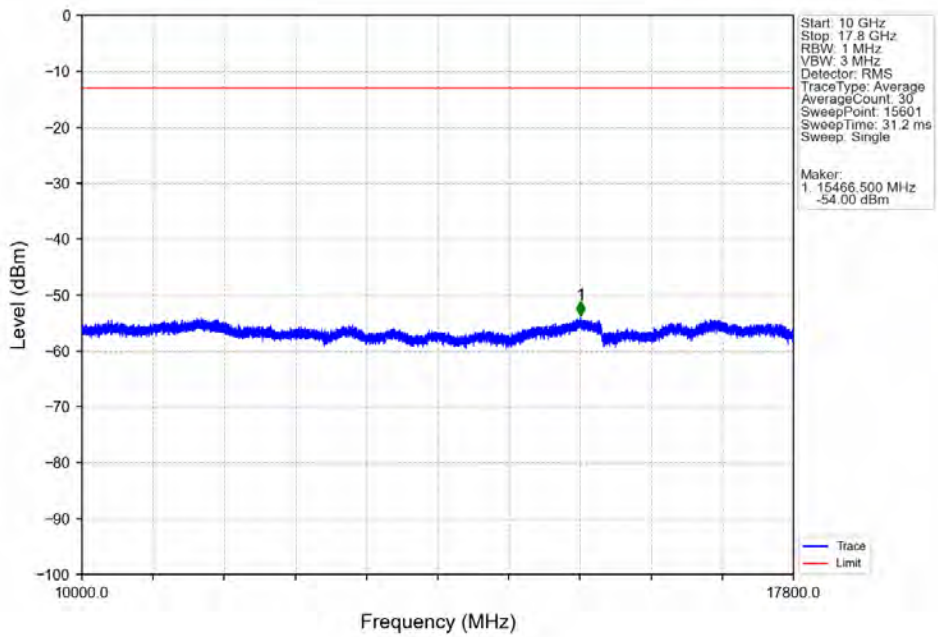


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.000	-34.63	-13	Pass
1709	1710	0.144	CHP	2	1709.970	-41.96	-13	Pass
1710	1725	0.144	CHP	/	/	/	/	/

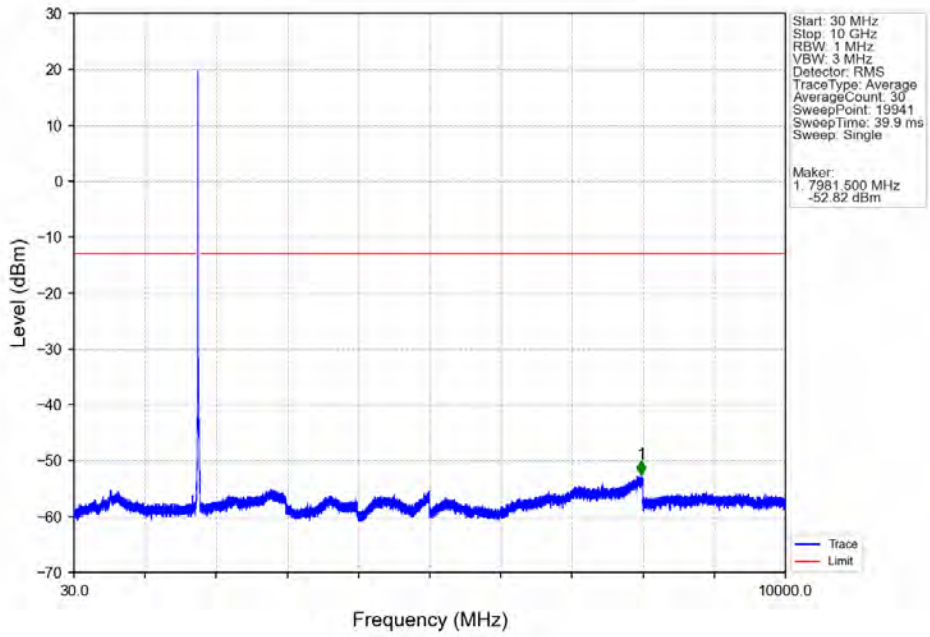
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTN



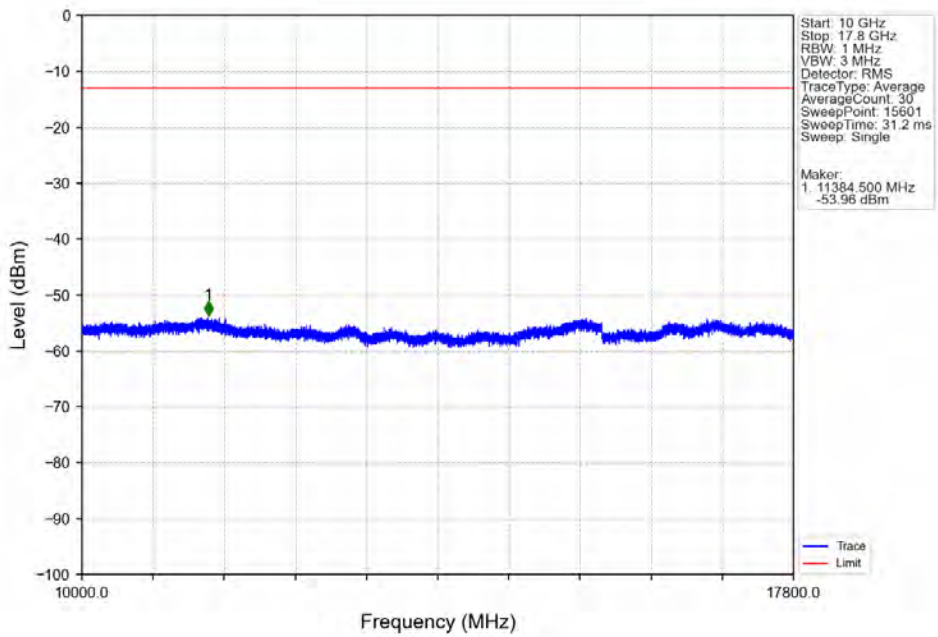
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTN



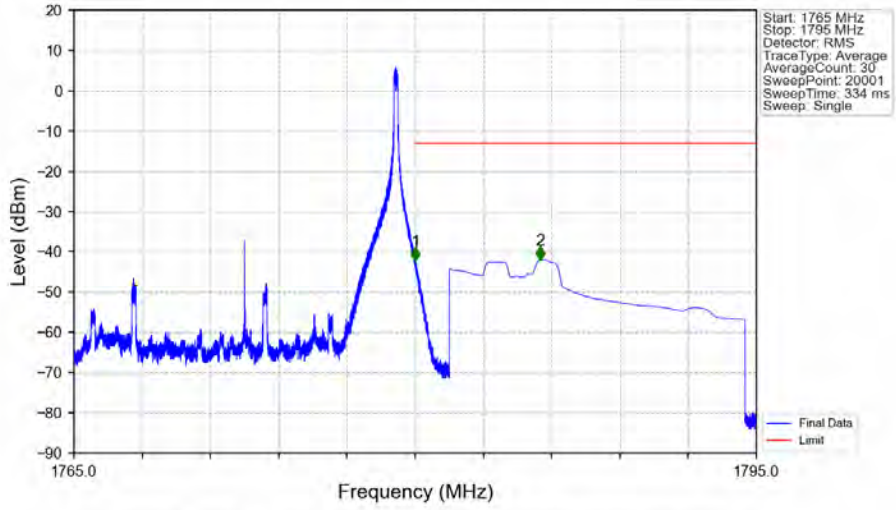
Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_1\_0\_NTNV



Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_1\_0\_NTNV

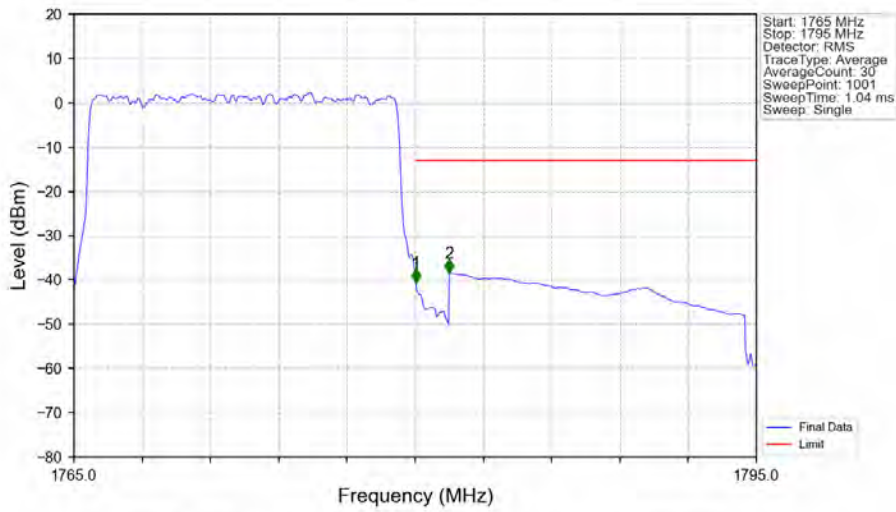


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTN



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	1780.014	-42.33	-13	Pass
1781	1795	1	CHP	2	1785.492	-42.03	-13	Pass

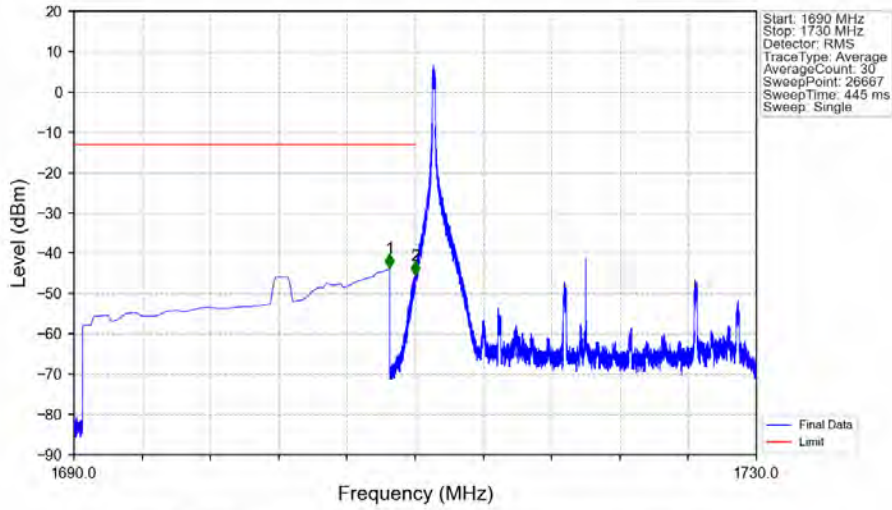
Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.144	CHP	/	/	/	/	/
1780	1781	0.144	CHP	1	1780.030	-40.60	-13	Pass
1781	1795	1	CHP	2	1781.500	-38.42	-13	Pass

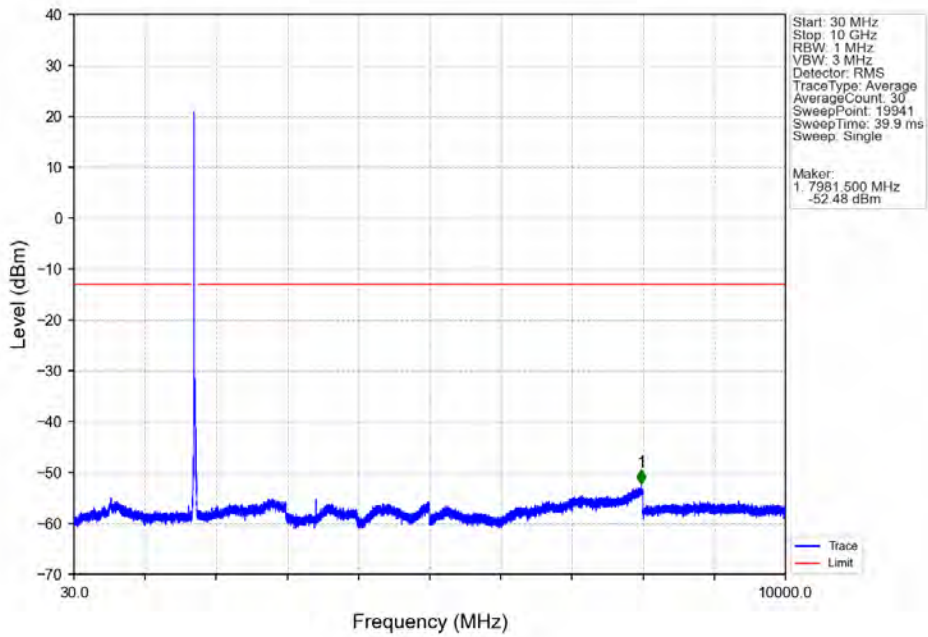
### 5.2.6 B66\_20MHz

Band66 20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV

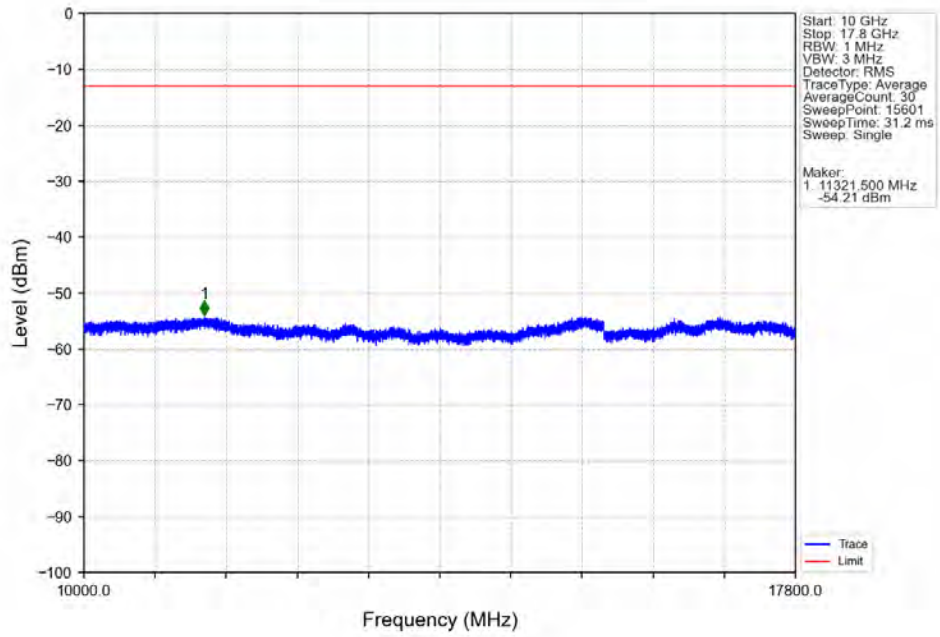


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.498	-43.65	-13	Pass
1709	1710	0.003	/	2	1709.993	-45.55	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

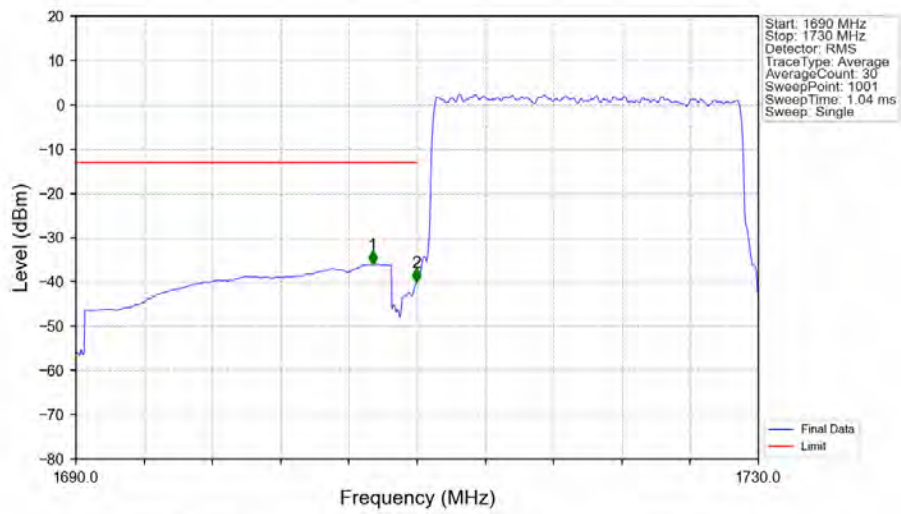
Band66 20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTN

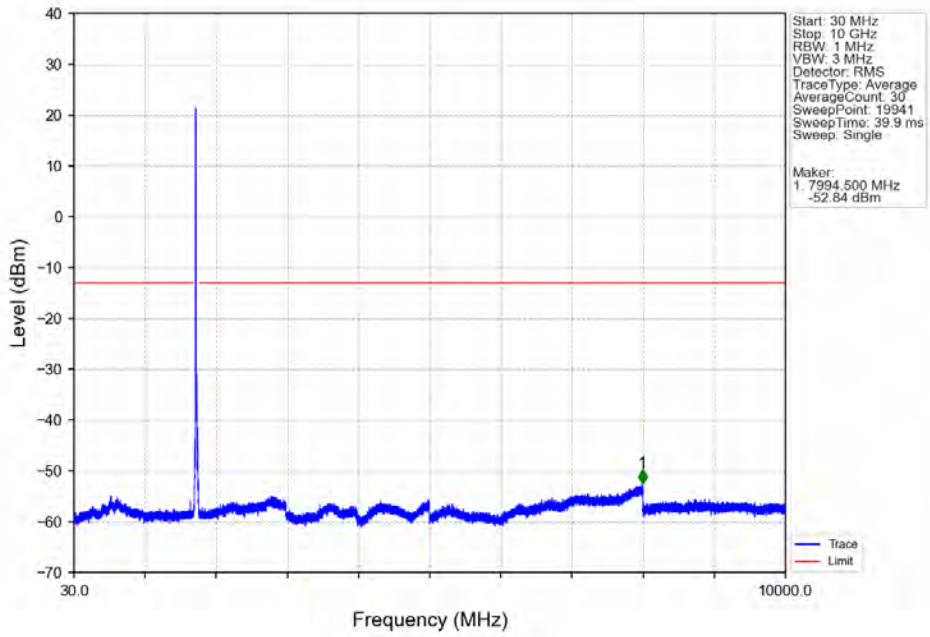


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN

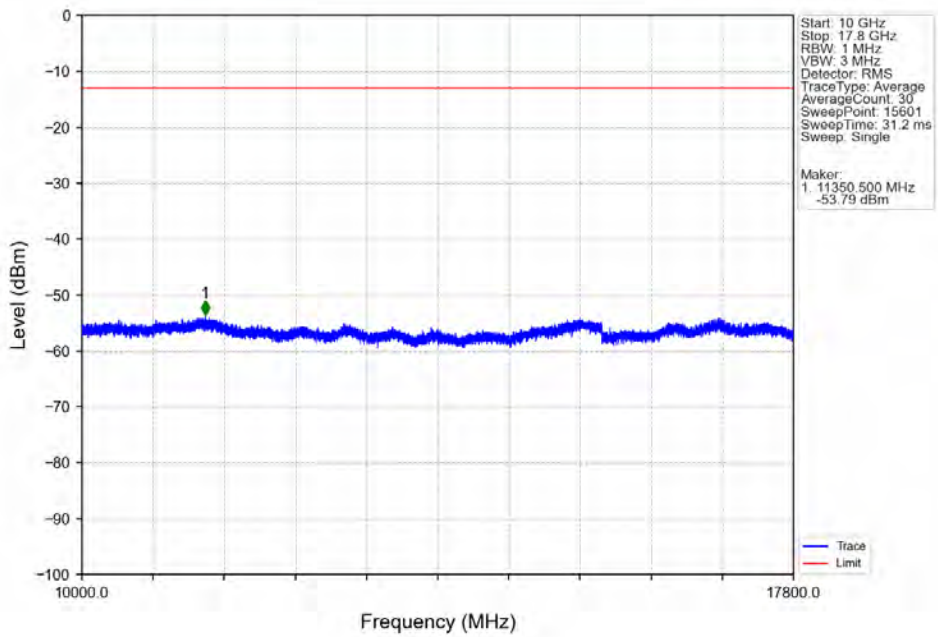


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.400	-36.04	-13	Pass
1709	1710	0.193	CHP	2	1709.960	-40.06	-13	Pass
1710	1730	0.193	CHP	/	/	/	/	/

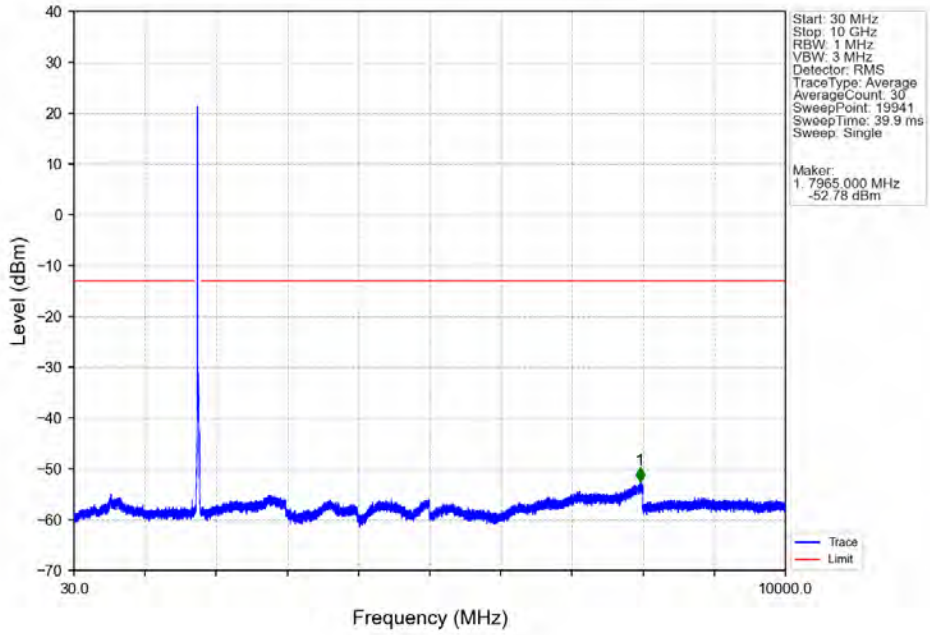
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTN



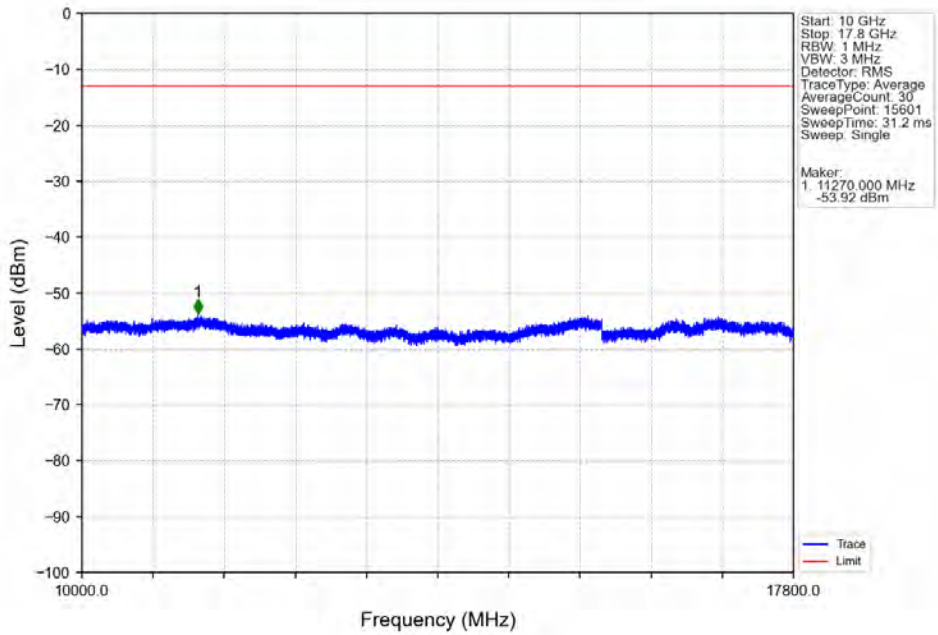
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTN



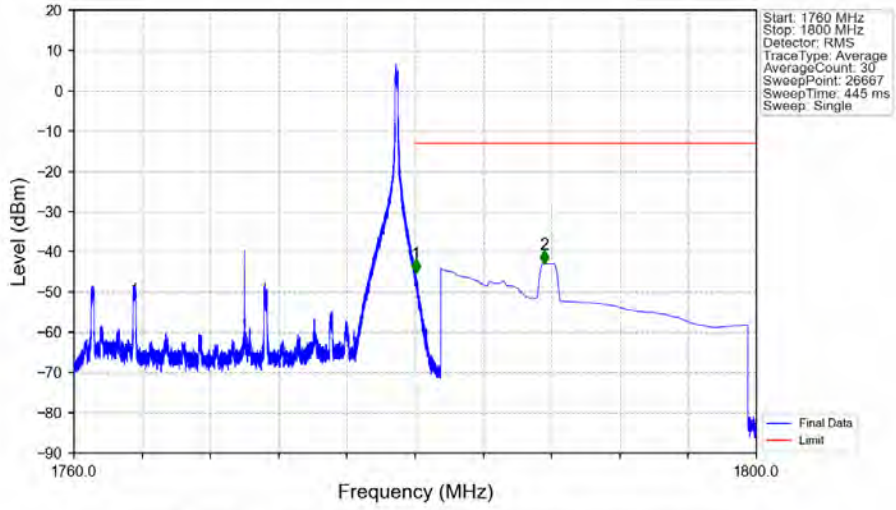
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN

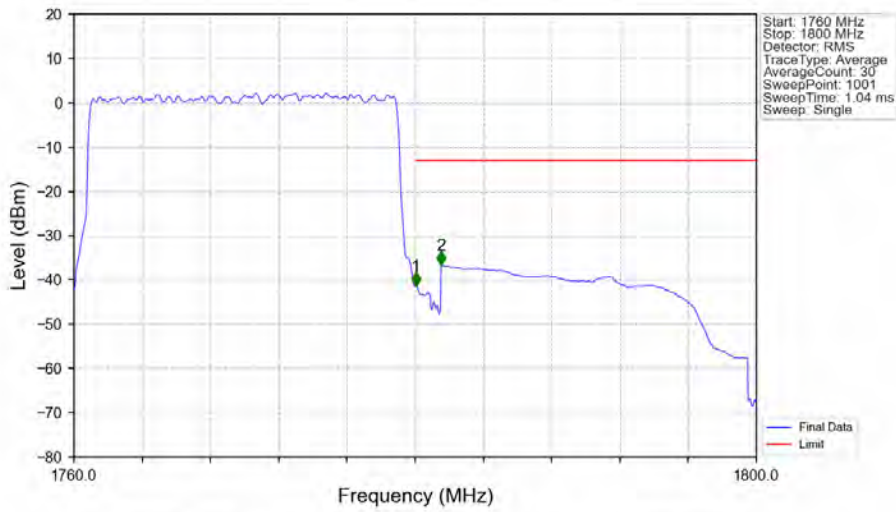


Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_1\_99\_NTV



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	1780.033	-45.28	-13	Pass
1781	1800	1	CHP	2	1787.580	-42.96	-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	0.192	CHP	/	/	/	/	/
1780	1781	0.192	CHP	1	1780.040	-41.31	-13	Pass
1781	1800	1	CHP	2	1781.520	-36.67	-13	Pass

## 6. Field Strength of Spurious Radiation

For Sample 1

**Test Band = LTE Band66\_ TM1**

**Test Channel = Low**

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4122	41.93	-45.76	29.69	-69.40	-13.00	56.40	Horizontal
2	5398.5	41.61	-45.30	32.12	-66.83	-13.00	53.83	Horizontal
3	6669.75	40.22	-43.97	34.41	-64.61	-13.00	51.61	Horizontal
4	7910.25	38.68	-42.77	36.97	-62.38	-13.00	49.38	Horizontal
5	9977.25	35.81	-39.26	38.45	-60.26	-13.00	47.26	Horizontal
6	12387	34.19	-37.54	39.22	-59.39	-13.00	46.39	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3975.75	42.83	-46.10	29.36	-69.17	-13.00	56.17	Vertical
2	4755.75	41.86	-45.57	31.01	-67.96	-13.00	54.96	Vertical
3	5837.25	41.50	-44.83	32.37	-66.22	-13.00	53.22	Vertical
4	6807	40.27	-44.17	34.65	-64.50	-13.00	51.50	Vertical
5	8211	38.58	-42.29	36.97	-61.99	-13.00	48.99	Vertical
6	12306	33.41	-37.42	39.19	-60.08	-13.00	47.08	Vertical

**Test Band = LTE Band66\_ TM1**  
**Test Channel = Mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4118.25	41.56	-45.76	29.68	-69.78	-13.00	56.78	Horizontal
2	5421.75	41.05	-45.29	32.16	-67.34	-13.00	54.34	Horizontal
3	6834	40.23	-44.15	34.70	-64.48	-13.00	51.48	Horizontal
4	8076.75	37.82	-41.59	37.05	-61.98	-13.00	48.98	Horizontal
5	10659.75	34.58	-38.12	38.57	-60.23	-13.00	47.23	Horizontal
6	12694.5	32.90	-36.73	39.31	-59.78	-13.00	46.78	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4315.5	25.33	-45.58	30.16	-85.36	-13.00	72.36	Vertical
2	5489.25	26.28	-45.25	32.28	-81.95	-13.00	68.95	Vertical
3	6768	25.64	-44.05	34.58	-79.09	-13.00	66.09	Vertical
4	7803	23.60	-42.33	36.82	-77.16	-13.00	64.16	Vertical
5	9777.75	24.28	-39.47	38.06	-72.40	-13.00	59.40	Vertical
6	14557.5	25.54	-35.10	41.25	-63.57	-13.00	50.57	Vertical

**Test Band = LTE Band66\_ TM1**  
**Test Channel = High**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4166.25	41.49	-45.77	29.80	-69.74	-13.00	56.74	Horizontal
2	5417.25	40.96	-45.29	32.15	-67.44	-13.00	54.44	Horizontal
3	6309.75	40.57	-44.53	33.45	-65.76	-13.00	52.76	Horizontal
4	7538.25	39.44	-43.06	36.45	-62.43	-13.00	49.43	Horizontal
5	9591.75	35.44	-39.72	37.68	-61.85	-13.00	48.85	Horizontal
6	12091.5	33.28	-37.36	39.13	-60.22	-13.00	47.22	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3699	23.83	-45.51	28.92	-88.02	-13.00	75.02	Vertical
2	5031.75	25.13	-45.55	31.46	-84.23	-13.00	71.23	Vertical
3	5875.5	26.63	-44.92	32.38	-81.17	-13.00	68.17	Vertical
4	6810	26.36	-44.16	34.66	-78.41	-13.00	65.41	Vertical
5	8361.75	23.92	-41.66	36.88	-76.12	-13.00	63.12	Vertical
6	11172.75	24.39	-37.55	38.69	-69.73	-13.00	56.73	Vertical