

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B66\_1.4MHz\_EIRP

### 1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1710.7	1	0	19.53	0.53	20.06	<=30	Pass	
			2	19.75	0.53	20.28	<=30	Pass	
			5	19.56	0.53	20.09	<=30	Pass	
		3	0	19.43	0.53	19.96	<=30	Pass	
			2	19.43	0.53	19.96	<=30	Pass	
			3	19.44	0.53	19.97	<=30	Pass	
	6	0	18.70	0.53	19.23	<=30	Pass		
	1745	1	0	20.15	0.53	20.68	<=30	Pass	
			2	20.38	0.53	20.91	<=30	Pass	
			5	20.15	0.53	20.68	<=30	Pass	
		3	0	20.20	0.53	20.73	<=30	Pass	
			2	20.14	0.53	20.67	<=30	Pass	
			3	20.19	0.53	20.72	<=30	Pass	
	6	0	19.22	0.53	19.75	<=30	Pass		
	1779.3	1	0	20.40	0.53	20.93	<=30	Pass	
			2	20.61	0.53	21.14	<=30	Pass	
			5	20.36	0.53	20.89	<=30	Pass	
		3	0	20.53	0.53	21.06	<=30	Pass	
			2	20.52	0.53	21.05	<=30	Pass	
			3	20.55	0.53	21.08	<=30	Pass	
	6	0	19.56	0.53	20.09	<=30	Pass		
	16QAM	1710.7	1	0	18.70	0.53	19.23	<=30	Pass
				2	18.92	0.53	19.45	<=30	Pass
				5	18.71	0.53	19.24	<=30	Pass
3			0	18.48	0.53	19.01	<=30	Pass	
			2	18.49	0.53	19.02	<=30	Pass	
			3	18.53	0.53	19.06	<=30	Pass	
6		0	17.55	0.53	18.08	<=30	Pass		
1745		1	0	19.04	0.53	19.57	<=30	Pass	
			2	19.26	0.53	19.79	<=30	Pass	
			5	19.03	0.53	19.56	<=30	Pass	
		3	0	19.12	0.53	19.65	<=30	Pass	
			2	19.09	0.53	19.62	<=30	Pass	
			3	19.13	0.53	19.66	<=30	Pass	
6		0	18.19	0.53	18.72	<=30	Pass		
1779.3		1	0	19.44	0.53	19.97	<=30	Pass	
			2	19.62	0.53	20.15	<=30	Pass	
			5	19.47	0.53	20.00	<=30	Pass	
		3	0	19.68	0.53	20.21	<=30	Pass	
			2	19.62	0.53	20.15	<=30	Pass	
			3	19.65	0.53	20.18	<=30	Pass	
6		0	18.60	0.53	19.13	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B66\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	19.76	0.53	20.29	<=30	Pass		
			7	19.76	0.53	20.29	<=30	Pass		
			14	19.86	0.53	20.39	<=30	Pass		
		8	0	18.77	0.53	19.30	<=30	Pass		
			4	18.82	0.53	19.35	<=30	Pass		
			7	18.81	0.53	19.34	<=30	Pass		
		15	0	18.66	0.53	19.19	<=30	Pass		
		1745	1	0	20.30	0.53	20.83	<=30	Pass	
				7	20.21	0.53	20.74	<=30	Pass	
	14			20.35	0.53	20.88	<=30	Pass		
	8		0	19.28	0.53	19.81	<=30	Pass		
			4	19.32	0.53	19.85	<=30	Pass		
			7	19.30	0.53	19.83	<=30	Pass		
	15		0	19.28	0.53	19.81	<=30	Pass		
	1778.5		1	0	20.59	0.53	21.12	<=30	Pass	
				7	20.42	0.53	20.95	<=30	Pass	
		14		20.47	0.53	21.00	<=30	Pass		
		8	0	19.64	0.53	20.17	<=30	Pass		
			4	19.65	0.53	20.18	<=30	Pass		
			7	19.58	0.53	20.11	<=30	Pass		
		15	0	19.58	0.53	20.11	<=30	Pass		
		16QAM	1711.5	1	0	18.86	0.53	19.39	<=30	Pass
					7	18.85	0.53	19.38	<=30	Pass
	14				19.01	0.53	19.54	<=30	Pass	
	8			0	17.65	0.53	18.18	<=30	Pass	
				4	17.71	0.53	18.24	<=30	Pass	
				7	17.69	0.53	18.22	<=30	Pass	
15	0			17.59	0.53	18.12	<=30	Pass		
1745	1			0	19.24	0.53	19.77	<=30	Pass	
				7	19.08	0.53	19.61	<=30	Pass	
			14	19.15	0.53	19.68	<=30	Pass		
	8		0	18.22	0.53	18.75	<=30	Pass		
			4	18.22	0.53	18.75	<=30	Pass		
			7	18.19	0.53	18.72	<=30	Pass		
	15		0	18.28	0.53	18.81	<=30	Pass		
	1778.5		1	0	19.58	0.53	20.11	<=30	Pass	
				7	19.47	0.53	20.00	<=30	Pass	
14				19.53	0.53	20.06	<=30	Pass		
8			0	18.60	0.53	19.13	<=30	Pass		
			4	18.58	0.53	19.11	<=30	Pass		
			7	18.55	0.53	19.08	<=30	Pass		
15			0	18.49	0.53	19.02	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B66\_5MHz\_EIRP

#### 1.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	19.51	0.53	20.04	<=30	Pass		
			13	19.68	0.53	20.21	<=30	Pass		
			24	19.67	0.53	20.20	<=30	Pass		
		12	0	18.49	0.53	19.02	<=30	Pass		
			6	18.65	0.53	19.18	<=30	Pass		
			13	18.67	0.53	19.20	<=30	Pass		
		25	0	18.59	0.53	19.12	<=30	Pass		
		1745	1	0	20.03	0.53	20.56	<=30	Pass	
				13	20.16	0.53	20.69	<=30	Pass	
	24			20.09	0.53	20.62	<=30	Pass		
	12		0	19.16	0.53	19.69	<=30	Pass		
			6	19.24	0.53	19.77	<=30	Pass		
			13	19.18	0.53	19.71	<=30	Pass		
	25	0	19.20	0.53	19.73	<=30	Pass			
	1777.5	1	0	20.45	0.53	20.98	<=30	Pass		
			13	20.48	0.53	21.01	<=30	Pass		
			24	20.30	0.53	20.83	<=30	Pass		
		12	0	19.55	0.53	20.08	<=30	Pass		
			6	19.56	0.53	20.09	<=30	Pass		
			13	19.46	0.53	19.99	<=30	Pass		
		25	0	19.53	0.53	20.06	<=30	Pass		
		16QAM	1712.5	1	0	18.37	0.53	18.90	<=30	Pass
					13	18.57	0.53	19.10	<=30	Pass
	24				18.53	0.53	19.06	<=30	Pass	
12	0			17.44	0.53	17.97	<=30	Pass		
	6			17.62	0.53	18.15	<=30	Pass		
	13			17.66	0.53	18.19	<=30	Pass		
25	0			17.56	0.53	18.09	<=30	Pass		
1745	1			0	19.52	0.53	20.05	<=30	Pass	
				13	19.59	0.53	20.12	<=30	Pass	
			24	19.45	0.53	19.98	<=30	Pass		
	12		0	18.14	0.53	18.67	<=30	Pass		
			6	18.23	0.53	18.76	<=30	Pass		
			13	18.15	0.53	18.68	<=30	Pass		
25	0		18.15	0.53	18.68	<=30	Pass			
1777.5	1		0	19.51	0.53	20.04	<=30	Pass		
			13	19.59	0.53	20.12	<=30	Pass		
			24	19.48	0.53	20.01	<=30	Pass		
	12		0	18.54	0.53	19.07	<=30	Pass		
			6	18.57	0.53	19.10	<=30	Pass		
			13	18.43	0.53	18.96	<=30	Pass		
	25		0	18.47	0.53	19.00	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.4 B66\_10MHz\_EIRP

### 1.4.1 Test Result

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	19.59	0.53	20.12	<=30	Pass		
			25	19.99	0.53	20.52	<=30	Pass		
			49	20.03	0.53	20.56	<=30	Pass		
		25	0	18.63	0.53	19.16	<=30	Pass		
			13	18.82	0.53	19.35	<=30	Pass		
			25	18.91	0.53	19.44	<=30	Pass		
		50	0	18.74	0.53	19.27	<=30	Pass		
		1745	1	0	20.19	0.53	20.72	<=30	Pass	
				25	20.34	0.53	20.87	<=30	Pass	
	49			20.29	0.53	20.82	<=30	Pass		
	25		0	19.27	0.53	19.80	<=30	Pass		
			13	19.31	0.53	19.84	<=30	Pass		
			25	19.31	0.53	19.84	<=30	Pass		
	50		0	19.24	0.53	19.77	<=30	Pass		
	1775		1	0	20.84	0.53	21.37	<=30	Pass	
				25	20.80	0.53	21.33	<=30	Pass	
		49		20.38	0.53	20.91	<=30	Pass		
		25	0	19.79	0.53	20.32	<=30	Pass		
			13	19.72	0.53	20.25	<=30	Pass		
			25	19.60	0.53	20.13	<=30	Pass		
		50	0	19.69	0.53	20.22	<=30	Pass		
		16QAM	1715	1	0	18.79	0.53	19.32	<=30	Pass
					25	19.19	0.53	19.72	<=30	Pass
	49				19.38	0.53	19.91	<=30	Pass	
25	0			17.54	0.53	18.07	<=30	Pass		
	13			17.76	0.53	18.29	<=30	Pass		
	25			17.85	0.53	18.38	<=30	Pass		
50	0			17.67	0.53	18.20	<=30	Pass		
1745	1			0	19.16	0.53	19.69	<=30	Pass	
				25	19.18	0.53	19.71	<=30	Pass	
			49	19.05	0.53	19.58	<=30	Pass		
	25		0	18.29	0.53	18.82	<=30	Pass		
			13	18.33	0.53	18.86	<=30	Pass		
			25	18.29	0.53	18.82	<=30	Pass		
	50		0	18.24	0.53	18.77	<=30	Pass		
	1775		1	0	19.64	0.53	20.17	<=30	Pass	
				25	19.67	0.53	20.20	<=30	Pass	
49				19.49	0.53	20.02	<=30	Pass		
25			0	18.71	0.53	19.24	<=30	Pass		
			13	18.67	0.53	19.20	<=30	Pass		
			25	18.61	0.53	19.14	<=30	Pass		
50			0	18.65	0.53	19.18	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B66\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	19.50	0.53	20.03	<=30	Pass		
			38	19.99	0.53	20.52	<=30	Pass		
			74	20.06	0.53	20.59	<=30	Pass		
		36	0	18.79	0.53	19.32	<=30	Pass		
			18	19.02	0.53	19.55	<=30	Pass		
			39	19.11	0.53	19.64	<=30	Pass		
		75	0	18.96	0.53	19.49	<=30	Pass		
		1745	1	0	20.14	0.53	20.67	<=30	Pass	
				38	20.25	0.53	20.78	<=30	Pass	
	74			20.23	0.53	20.76	<=30	Pass		
	36		0	19.21	0.53	19.74	<=30	Pass		
			18	19.26	0.53	19.79	<=30	Pass		
			39	19.36	0.53	19.89	<=30	Pass		
	75		0	19.30	0.53	19.83	<=30	Pass		
	1772.5		1	0	20.75	0.53	21.28	<=30	Pass	
				38	20.79	0.53	21.32	<=30	Pass	
		74		20.24	0.53	20.77	<=30	Pass		
		36	0	20.03	0.53	20.56	<=30	Pass		
			18	19.92	0.53	20.45	<=30	Pass		
			39	19.66	0.53	20.19	<=30	Pass		
		75	0	19.89	0.53	20.42	<=30	Pass		
		16QAM	1717.5	1	0	18.29	0.53	18.82	<=30	Pass
					38	18.85	0.53	19.38	<=30	Pass
	74				19.07	0.53	19.60	<=30	Pass	
36	0			17.68	0.53	18.21	<=30	Pass		
	18			17.93	0.53	18.46	<=30	Pass		
	39			18.09	0.53	18.62	<=30	Pass		
75	0			17.86	0.53	18.39	<=30	Pass		
1745	1			0	19.09	0.53	19.62	<=30	Pass	
				38	19.13	0.53	19.66	<=30	Pass	
			74	18.98	0.53	19.51	<=30	Pass		
	36		0	18.21	0.53	18.74	<=30	Pass		
			18	18.24	0.53	18.77	<=30	Pass		
			39	18.24	0.53	18.77	<=30	Pass		
	75		0	18.20	0.53	18.73	<=30	Pass		
	1772.5		1	0	19.55	0.53	20.08	<=30	Pass	
				38	19.64	0.53	20.17	<=30	Pass	
74				19.34	0.53	19.87	<=30	Pass		
36			0	18.81	0.53	19.34	<=30	Pass		
			18	18.77	0.53	19.30	<=30	Pass		
			39	18.58	0.53	19.11	<=30	Pass		
75			0	18.72	0.53	19.25	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.6 B66\_20MHz\_EIRP

### 1.6.1 Test Result

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	19.26	0.53	19.79	<=30	Pass		
			50	20.12	0.53	20.65	<=30	Pass		
			99	20.06	0.53	20.59	<=30	Pass		
		50	0	18.76	0.53	19.29	<=30	Pass		
			25	19.03	0.53	19.56	<=30	Pass		
			50	19.15	0.53	19.68	<=30	Pass		
		100	0	18.96	0.53	19.49	<=30	Pass		
		1745	1	0	19.98	0.53	20.51	<=30	Pass	
				50	20.24	0.53	20.77	<=30	Pass	
	99			20.12	0.53	20.65	<=30	Pass		
	50		0	19.25	0.53	19.78	<=30	Pass		
			25	19.22	0.53	19.75	<=30	Pass		
			50	19.30	0.53	19.83	<=30	Pass		
	100		0	19.26	0.53	19.79	<=30	Pass		
	1770		1	0	20.44	0.53	20.97	<=30	Pass	
				50	21.00	0.53	21.53	<=30	Pass	
		99		20.08	0.53	20.61	<=30	Pass		
		50	0	19.74	0.53	20.27	<=30	Pass		
			25	19.71	0.53	20.24	<=30	Pass		
			50	19.52	0.53	20.05	<=30	Pass		
		100	0	19.61	0.53	20.14	<=30	Pass		
		16QAM	1720	1	0	18.15	0.53	18.68	<=30	Pass
					50	19.13	0.53	19.66	<=30	Pass
	99				19.23	0.53	19.76	<=30	Pass	
50	0			17.66	0.53	18.19	<=30	Pass		
	25			17.98	0.53	18.51	<=30	Pass		
	50			18.08	0.53	18.61	<=30	Pass		
100	0			17.89	0.53	18.42	<=30	Pass		
1745	1			0	18.92	0.53	19.45	<=30	Pass	
				50	19.11	0.53	19.64	<=30	Pass	
			99	18.91	0.53	19.44	<=30	Pass		
	50		0	18.20	0.53	18.73	<=30	Pass		
			25	18.17	0.53	18.70	<=30	Pass		
			50	18.21	0.53	18.74	<=30	Pass		
	100		0	18.21	0.53	18.74	<=30	Pass		
	1770		1	0	19.56	0.53	20.09	<=30	Pass	
				50	20.13	0.53	20.66	<=30	Pass	
99				19.58	0.53	20.11	<=30	Pass		
50			0	18.56	0.53	19.09	<=30	Pass		
			25	18.56	0.53	19.09	<=30	Pass		
			50	18.44	0.53	18.97	<=30	Pass		
100			0	18.51	0.53	19.04	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 B66\_1.4MHz

#### 2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1710.7	6	0	20	3.27	-2.060	-0.0012	-2.5 to 2.5	Pass	
					3.85	-10.271	-0.0060	-2.5 to 2.5	Pass	
					4.43	-7.396	-0.0043	-2.5 to 2.5	Pass	
				-30	3.85	-4.349	-0.0025	-2.5 to 2.5	Pass	
					-20	3.85	-4.878	-0.0029	-2.5 to 2.5	Pass
						3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.459	-0.0009	-2.5 to 2.5	Pass	
					10	3.85	-2.146	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0038	-2.5 to 2.5	Pass	
	40	3.85	-1.202		-0.0007	-2.5 to 2.5	Pass			
	50	3.85	-2.017	-0.0012	-2.5 to 2.5	Pass				
	1745	6	0	20	3.27	-9.356	-0.0054	-2.5 to 2.5	Pass	
					3.85	-6.208	-0.0036	-2.5 to 2.5	Pass	
					4.43	-3.190	-0.0018	-2.5 to 2.5	Pass	
				-30	3.85	13.075	0.0075	-2.5 to 2.5	Pass	
					-20	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
						3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass	
					10	3.85	-4.964	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass	
	40	3.85	1.116		0.0006	-2.5 to 2.5	Pass			
	50	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass				
	1779.3	6	0	20	3.27	-0.916	-0.0005	-2.5 to 2.5	Pass	
					3.85	-7.167	-0.0040	-2.5 to 2.5	Pass	
					4.43	-7.353	-0.0041	-2.5 to 2.5	Pass	
				-30	3.85	0.057	0.0000	-2.5 to 2.5	Pass	
					-20	3.85	-1.731	-0.0010	-2.5 to 2.5	Pass
3.85						-0.386	-0.0002	-2.5 to 2.5	Pass	
-10				3.85	-4.764	-0.0027	-2.5 to 2.5	Pass		
				0	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass	
10				3.85	-3.390	-0.0019	-2.5 to 2.5	Pass		
	30	3.85	-14.319	-0.0080	-2.5 to 2.5	Pass				
40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass					
50	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass					
16QAM	1710.7	6	0	20	3.27	-7.925	-0.0046	-2.5 to 2.5	Pass	
					3.85	-0.286	-0.0002	-2.5 to 2.5	Pass	
					4.43	0.157	0.0001	-2.5 to 2.5	Pass	
				-30	3.85	-2.704	-0.0016	-2.5 to 2.5	Pass	
					-20	3.85	2.217	0.0013	-2.5 to 2.5	Pass
						3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass	
					0	3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.435	-0.0026	-2.5 to 2.5	Pass	
	30	3.85	-4.864		-0.0028	-2.5 to 2.5	Pass			
	40	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass				
	50	3.85	-6.294	-0.0037	-2.5 to 2.5	Pass				
	1745	6	0	20	3.27	-2.689	-0.0015	-2.5 to 2.5	Pass	
					3.85	-0.372	-0.0002	-2.5 to 2.5	Pass	
					4.43	16.637	0.0095	-2.5 to 2.5	Pass	

				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass			
				-20	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass			
				-10	3.85	-6.824	-0.0039	-2.5 to 2.5	Pass			
				0	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass			
				10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass			
				30	3.85	-6.151	-0.0035	-2.5 to 2.5	Pass			
				40	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass			
				50	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	-0.658	-0.0004	-2.5 to 2.5	Pass			
								3.85	-6.938	-0.0039	-2.5 to 2.5	Pass
								4.43	-6.766	-0.0038	-2.5 to 2.5	Pass
							-30	3.85	-8.454	-0.0048	-2.5 to 2.5	Pass
							-20	3.85	0.329	0.0002	-2.5 to 2.5	Pass
							-10	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
							0	3.85	-9.012	-0.0051	-2.5 to 2.5	Pass
							10	3.85	0.887	0.0005	-2.5 to 2.5	Pass
							30	3.85	-8.597	-0.0048	-2.5 to 2.5	Pass
							40	3.85	-3.047	-0.0017	-2.5 to 2.5	Pass
							50	3.85	2.604	0.0015	-2.5 to 2.5	Pass

## 2.2 B66\_3MHz

### 2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz															
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict						
		Size	Offset				Result	Limit							
QPSK	1711.5	15	0	20	3.27	-4.692	-0.0027	-2.5 to 2.5	Pass						
								3.85	-8.912	-0.0052	-2.5 to 2.5	Pass			
								4.43	-4.835	-0.0028	-2.5 to 2.5	Pass			
							-30	3.85	-2.689	-0.0016	-2.5 to 2.5	Pass			
							-20	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass			
							-10	3.85	-5.937	-0.0035	-2.5 to 2.5	Pass			
							0	3.85	-5.994	-0.0035	-2.5 to 2.5	Pass			
							10	3.85	-1.345	-0.0008	-2.5 to 2.5	Pass			
							30	3.85	-10.114	-0.0059	-2.5 to 2.5	Pass			
							40	3.85	-2.031	-0.0012	-2.5 to 2.5	Pass			
							50	3.85	-5.994	-0.0035	-2.5 to 2.5	Pass			
					1745	15	0	20	3.27	-6.952	-0.0040	-2.5 to 2.5	Pass		
											3.85	-12.975	-0.0074	-2.5 to 2.5	Pass
											4.43	-6.394	-0.0037	-2.5 to 2.5	Pass
				-30				3.85	-7.868	-0.0045	-2.5 to 2.5	Pass			
				-20				3.85	-11.387	-0.0065	-2.5 to 2.5	Pass			
				-10				3.85	-6.437	-0.0037	-2.5 to 2.5	Pass			
				0				3.85	-7.424	-0.0043	-2.5 to 2.5	Pass			
				10				3.85	-6.952	-0.0040	-2.5 to 2.5	Pass			
				30				3.85	-19.712	-0.0113	-2.5 to 2.5	Pass			
				40				3.85	-0.958	-0.0005	-2.5 to 2.5	Pass			
				50	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass						
		1778.5	15	0	20	3.27	-2.604	-0.0015	-2.5 to 2.5	Pass					
								3.85	-4.721	-0.0027	-2.5 to 2.5	Pass			
								4.43	-0.172	-0.0001	-2.5 to 2.5	Pass			
							-30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass			
							-20	3.85	-3.719	-0.0021	-2.5 to 2.5	Pass			
							-10	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass			



				0	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-6.380	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-3.834	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-2.232	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-9.112	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
	50	3.85	-7.768	-0.0045	-2.5 to 2.5	Pass			
	1745	15	0	20	3.27	-12.188	-0.0070	-2.5 to 2.5	Pass
					3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
					4.43	22.216	0.0127	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-8.111	-0.0046	-2.5 to 2.5	Pass
	50	3.85	-2.546	-0.0015	-2.5 to 2.5	Pass			
	1778.5	15	0	20	3.27	0.715	0.0004	-2.5 to 2.5	Pass
					3.85	3.405	0.0019	-2.5 to 2.5	Pass
					4.43	1.187	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.046	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
30				3.85	-0.429	-0.0002	-2.5 to 2.5	Pass	
40				3.85	-2.575	-0.0014	-2.5 to 2.5	Pass	
50	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass				

## 2.3 B66\_5MHz

### 2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-3.076	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
					4.43	-4.592	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.646	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-5.622	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0018	-2.5 to 2.5	Pass

	1745	25	0	40	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				50	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
				20	3.27	-10.829	-0.0062	-2.5 to 2.5	Pass
					3.85	-6.995	-0.0040	-2.5 to 2.5	Pass
					4.43	-4.449	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-1.402	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-5.636	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
	30	3.85	-6.251	-0.0036	-2.5 to 2.5	Pass			
	40	3.85	-6.180	-0.0035	-2.5 to 2.5	Pass			
	50	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass			
	1777.5	25	0	20	3.27	-1.788	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.001	-0.0006	-2.5 to 2.5	Pass
					4.43	1.960	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.089	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				0	3.85	-5.093	-0.0029	-2.5 to 2.5	Pass
10				3.85	-6.838	-0.0038	-2.5 to 2.5	Pass	
30				3.85	-2.131	-0.0012	-2.5 to 2.5	Pass	
40				3.85	-5.550	-0.0031	-2.5 to 2.5	Pass	
50	3.85	-7.653	-0.0043	-2.5 to 2.5	Pass				
16QAM	1712.5	25	0	20	3.27	-3.333	-0.0019	-2.5 to 2.5	Pass
					3.85	-8.740	-0.0051	-2.5 to 2.5	Pass
					4.43	-2.732	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.807	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.488	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-5.336	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
	50	3.85	-1.359	-0.0008	-2.5 to 2.5	Pass			
	1745	25	0	20	3.27	-7.510	-0.0043	-2.5 to 2.5	Pass
					3.85	-2.489	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	14.691	0.0084	-2.5 to 2.5	Pass
				-20	3.85	-6.752	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-7.038	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0041	-2.5 to 2.5	Pass
40				3.85	2.046	0.0012	-2.5 to 2.5	Pass	
50	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass				
1777.5	25	0	20	3.27	-1.674	-0.0009	-2.5 to 2.5	Pass	
				3.85	-2.403	-0.0014	-2.5 to 2.5	Pass	
				4.43	-3.805	-0.0021	-2.5 to 2.5	Pass	
			-30	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass	
			-20	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass	
			-10	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass	
			0	3.85	-3.376	-0.0019	-2.5 to 2.5	Pass	
			10	3.85	0.558	0.0003	-2.5 to 2.5	Pass	
			30	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass	
			40	3.85	-4.864	-0.0027	-2.5 to 2.5	Pass	
50	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass				

## 2.4 B66\_10MHz

### 2.4.1 Test Result

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	1715	50	0	20	3.27	-7.081	-0.0041	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.450	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-6.781	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-16.937	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-4.907	-0.0029	-2.5 to 2.5	Pass
	50	3.85	-3.347	-0.0020	-2.5 to 2.5	Pass			
	1745	50	0	20	3.27	-10.886	-0.0062	-2.5 to 2.5	Pass
					3.85	-0.286	-0.0002	-2.5 to 2.5	Pass
					4.43	-4.921	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.422	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-3.748	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
	50	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass			
	1775	50	0	20	3.27	-11.144	-0.0063	-2.5 to 2.5	Pass
					3.85	-6.237	-0.0035	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-7.081	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-10.071	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-4.849	-0.0027	-2.5 to 2.5	Pass
30				3.85	-3.190	-0.0018	-2.5 to 2.5	Pass	
40				3.85	-5.693	-0.0032	-2.5 to 2.5	Pass	
50	3.85	-7.396	-0.0042	-2.5 to 2.5	Pass				
16QAM	1715	50	0	20	3.27	-0.858	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0015	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-9.241	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-2.718	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.078	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.938	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
	50	3.85	-5.379	-0.0031	-2.5 to 2.5	Pass			
	1745	50	0	20	3.27	-1.545	-0.0009	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
					4.43	0.515	0.0003	-2.5 to 2.5	Pass

				-30	3.85	-3.233	-0.0019	-2.5 to 2.5	Pass			
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass			
				-10	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass			
				0	3.85	-5.851	-0.0034	-2.5 to 2.5	Pass			
				10	3.85	-4.392	-0.0025	-2.5 to 2.5	Pass			
				30	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass			
				40	3.85	-3.490	-0.0020	-2.5 to 2.5	Pass			
				50	3.85	-4.177	-0.0024	-2.5 to 2.5	Pass			
	1775	50	0	20	3.27	-2.246	-0.0013	-2.5 to 2.5	Pass			
								3.85	-5.751	-0.0032	-2.5 to 2.5	Pass
								4.43	-4.363	-0.0025	-2.5 to 2.5	Pass
							-30	3.85	-3.834	-0.0022	-2.5 to 2.5	Pass
							-20	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
							-10	3.85	0.529	0.0003	-2.5 to 2.5	Pass
							0	3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
							10	3.85	-5.836	-0.0033	-2.5 to 2.5	Pass
							30	3.85	-12.245	-0.0069	-2.5 to 2.5	Pass
							40	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
							50	3.85	1.588	0.0009	-2.5 to 2.5	Pass

## 2.5 B66\_15MHz

### 2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz														
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict					
		Size	Offset				Result	Limit						
QPSK	1717.5	75	0	20	3.27	-9.227	-0.0054	-2.5 to 2.5	Pass					
						3.85	-7.968	-0.0046	-2.5 to 2.5	Pass				
						4.43	-4.163	-0.0024	-2.5 to 2.5	Pass				
					-30	3.85	-7.911	-0.0046	-2.5 to 2.5	Pass				
					-20	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass				
					-10	3.85	-6.695	-0.0039	-2.5 to 2.5	Pass				
					0	3.85	-4.907	-0.0029	-2.5 to 2.5	Pass				
					10	3.85	-4.535	-0.0026	-2.5 to 2.5	Pass				
					30	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass				
					40	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass				
					50	3.85	-6.223	-0.0036	-2.5 to 2.5	Pass				
					1745	75	0	20	3.27	-10.872	-0.0062	-2.5 to 2.5	Pass	
										3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
										4.43	-5.522	-0.0032	-2.5 to 2.5	Pass
			-30	3.85				-4.821	-0.0028	-2.5 to 2.5	Pass			
			-20	3.85				-4.606	-0.0026	-2.5 to 2.5	Pass			
			-10	3.85				-4.234	-0.0024	-2.5 to 2.5	Pass			
			0	3.85				-4.520	-0.0026	-2.5 to 2.5	Pass			
			10	3.85				-4.621	-0.0026	-2.5 to 2.5	Pass			
			30	3.85				-3.977	-0.0023	-2.5 to 2.5	Pass			
			40	3.85				-2.546	-0.0015	-2.5 to 2.5	Pass			
			50	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass						
		1772.5	75	0	20	3.27	-6.294	-0.0036	-2.5 to 2.5	Pass				
							3.85	-1.287	-0.0007	-2.5 to 2.5	Pass			
							4.43	-1.802	-0.0010	-2.5 to 2.5	Pass			
						-30	3.85	-3.176	-0.0018	-2.5 to 2.5	Pass			
						-20	3.85	-4.277	-0.0024	-2.5 to 2.5	Pass			
					-10	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass				

				0	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-7.353	-0.0041	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	-4.663	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0018	-2.5 to 2.5	Pass
					4.43	-9.241	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.608	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.821	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.852	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass
	50	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass			
	1745	75	0	20	3.27	0.229	0.0001	-2.5 to 2.5	Pass
					3.85	0.615	0.0004	-2.5 to 2.5	Pass
					4.43	-1.731	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.619	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
	50	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass			
	1772.5	75	0	20	3.27	-3.920	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.322	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-9.871	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-6.766	-0.0038	-2.5 to 2.5	Pass
30				3.85	-2.675	-0.0015	-2.5 to 2.5	Pass	
40				3.85	-7.639	-0.0043	-2.5 to 2.5	Pass	
50	3.85	-4.764	-0.0027	-2.5 to 2.5	Pass				

## 2.6 B66\_20MHz

### 2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-7.725	-0.0045	-2.5 to 2.5	Pass
					3.85	-4.091	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-5.479	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-2.875	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-2.003	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-2.489	-0.0014	-2.5 to 2.5	Pass

	1745	100	0	40	3.85	-5.178	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.161	-0.0018	-2.5 to 2.5	Pass
				20	3.27	-8.941	-0.0051	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-6.709	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.865	-0.0034	-2.5 to 2.5	Pass
	30	3.85	-11.358	-0.0065	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	-5.622	-0.0032	-2.5 to 2.5	Pass
					3.85	-8.612	-0.0049	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-3.819	-0.0022	-2.5 to 2.5	Pass
40				3.85	-1.945	-0.0011	-2.5 to 2.5	Pass	
50	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	-7.181	-0.0042	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
					4.43	-7.682	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-7.911	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.934	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.749	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-8.197	-0.0048	-2.5 to 2.5	Pass
	50	3.85	-4.091	-0.0024	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-0.615	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.831	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				0	3.85	-3.076	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-8.440	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-5.064	-0.0029	-2.5 to 2.5	Pass
40				3.85	-0.129	-0.0001	-2.5 to 2.5	Pass	
50	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass				
1770	100	0	20	3.27	-3.462	-0.0020	-2.5 to 2.5	Pass	
				3.85	-14.105	-0.0080	-2.5 to 2.5	Pass	
				4.43	-3.548	-0.0020	-2.5 to 2.5	Pass	
			-30	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass	
			-20	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass	
			-10	3.85	-4.406	-0.0025	-2.5 to 2.5	Pass	
			0	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass	
			10	3.85	-5.965	-0.0034	-2.5 to 2.5	Pass	
			30	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass	
			40	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass	
50	3.85	-4.220	-0.0024	-2.5 to 2.5	Pass				

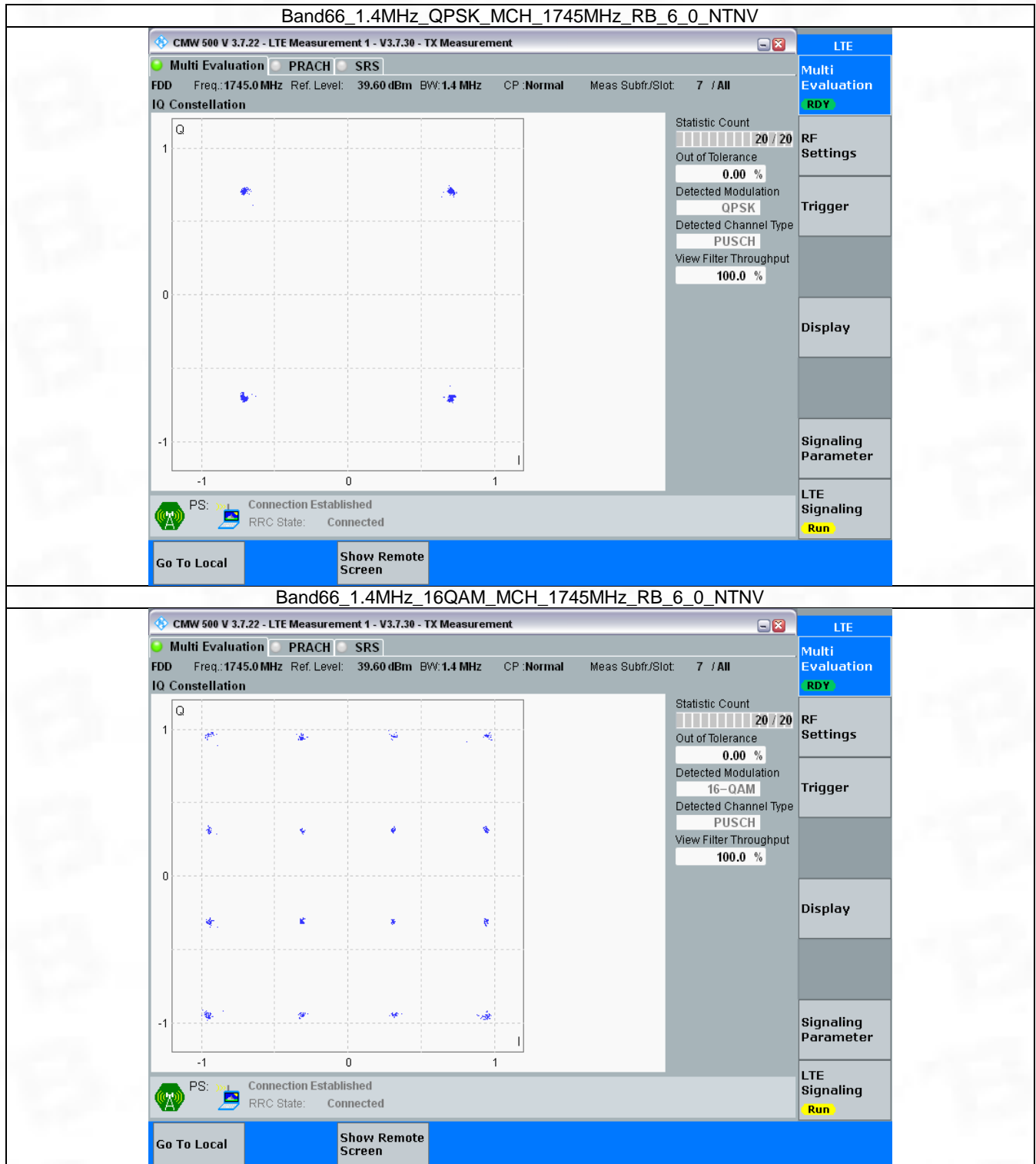
### 3. Modulation Characteristics

#### 3.1 B66\_1.4MHz

##### 3.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

### 3.1.2 Test Graph



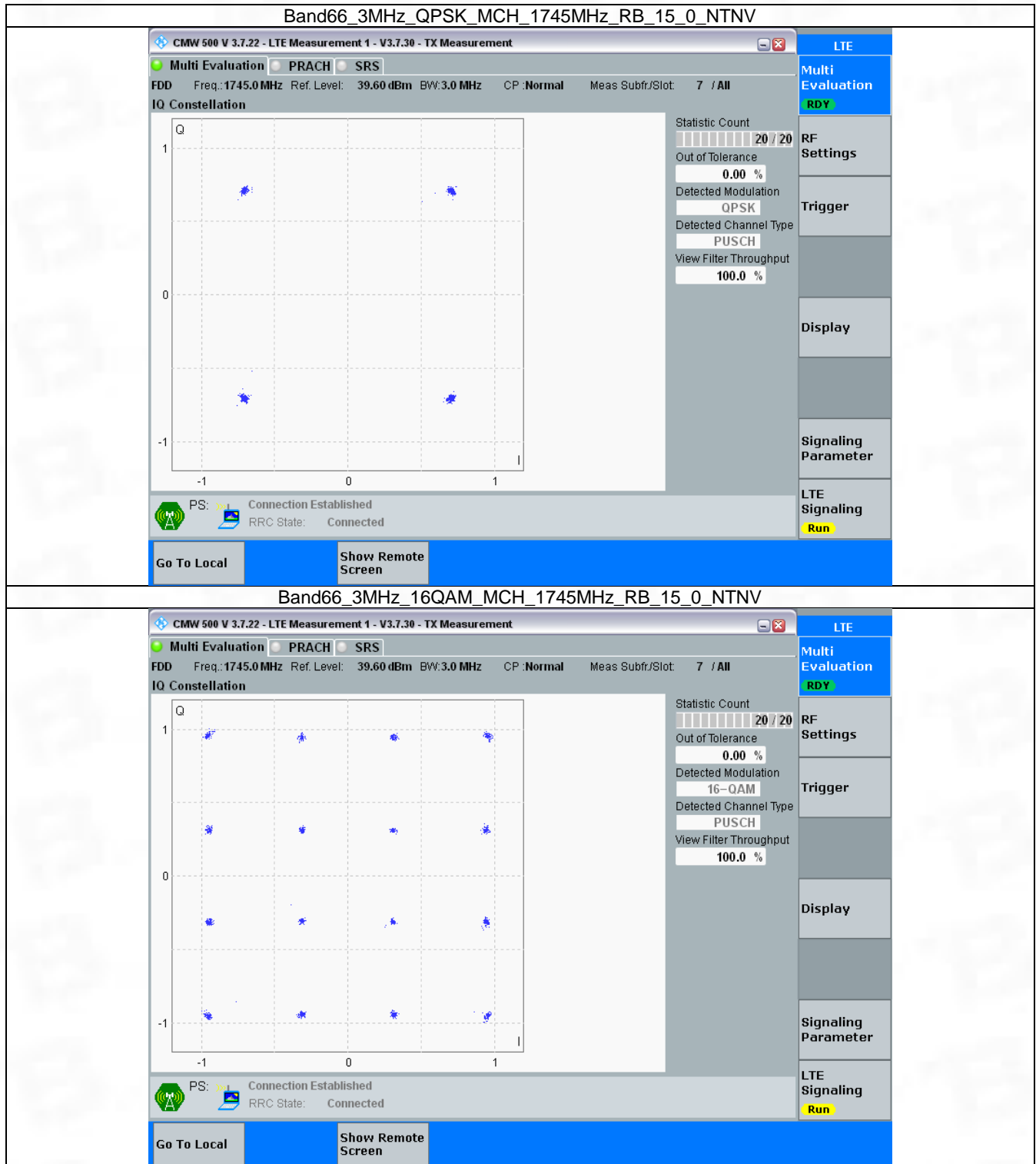


### 3.2 B66\_3MHz

#### 3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

### 3.2.2 Test Graph

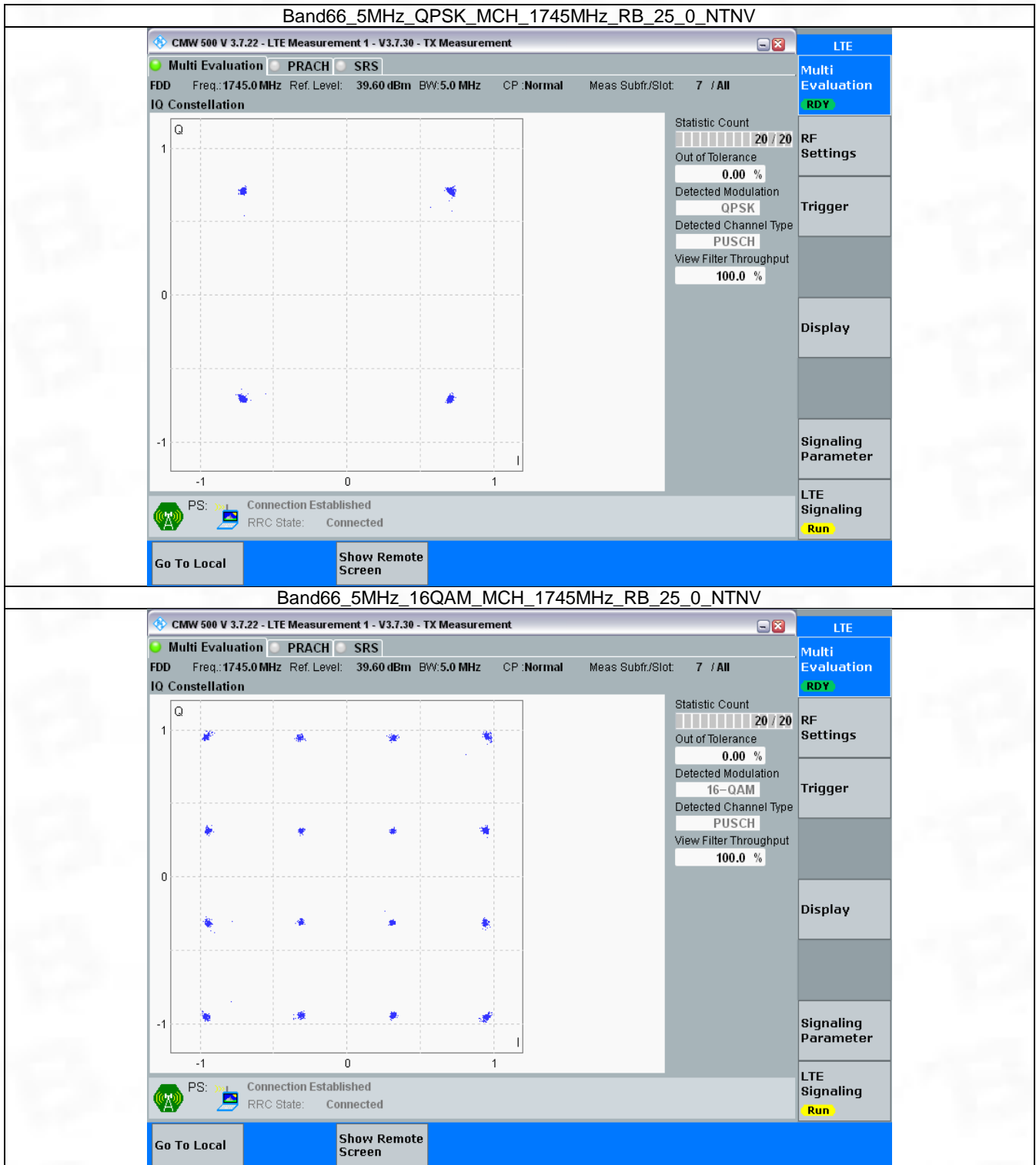


### 3.3 B66\_5MHz

#### 3.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

### 3.3.2 Test Graph

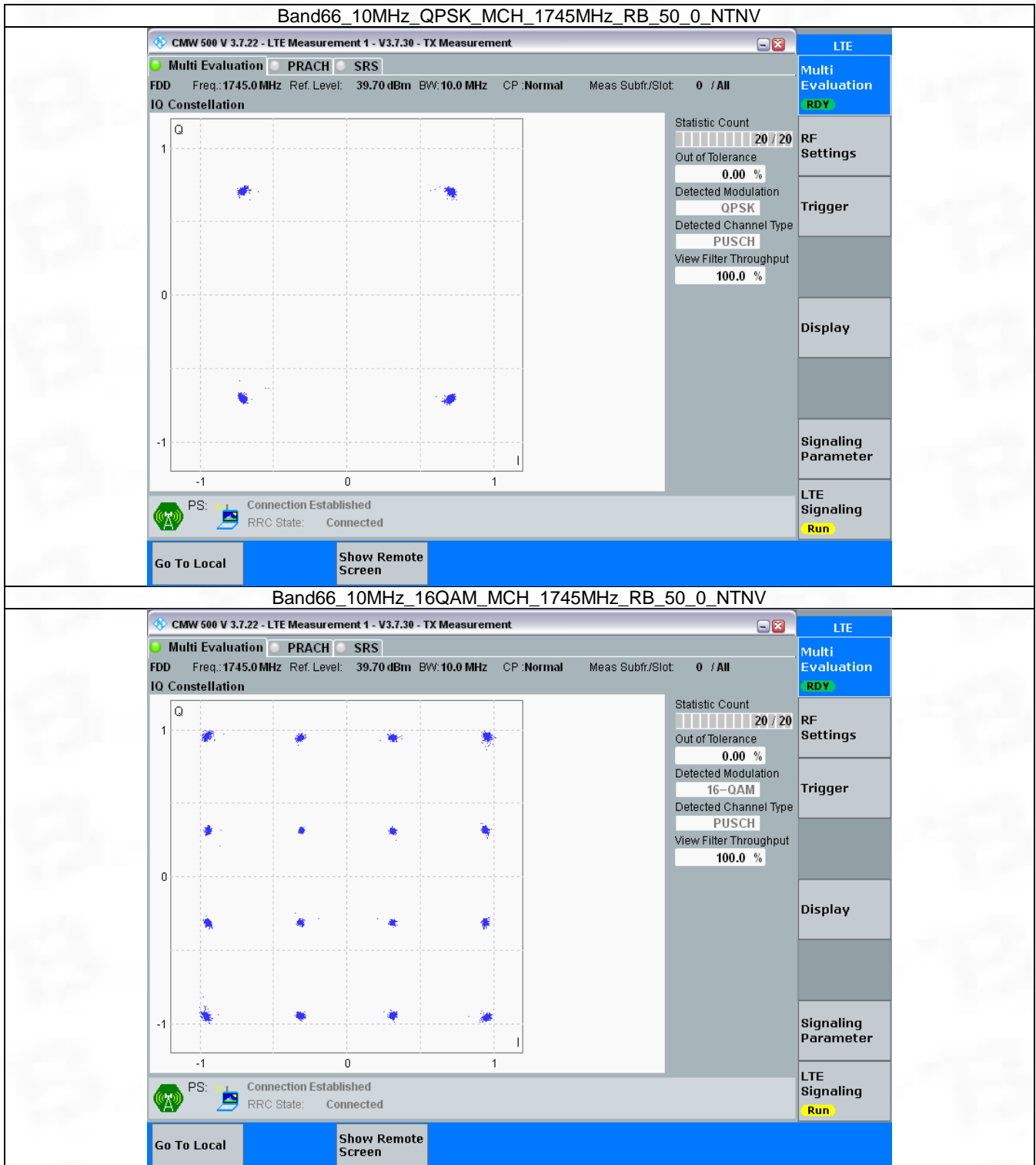


### 3.4 B66\_10MHz

#### 3.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

### 3.4.2 Test Graph

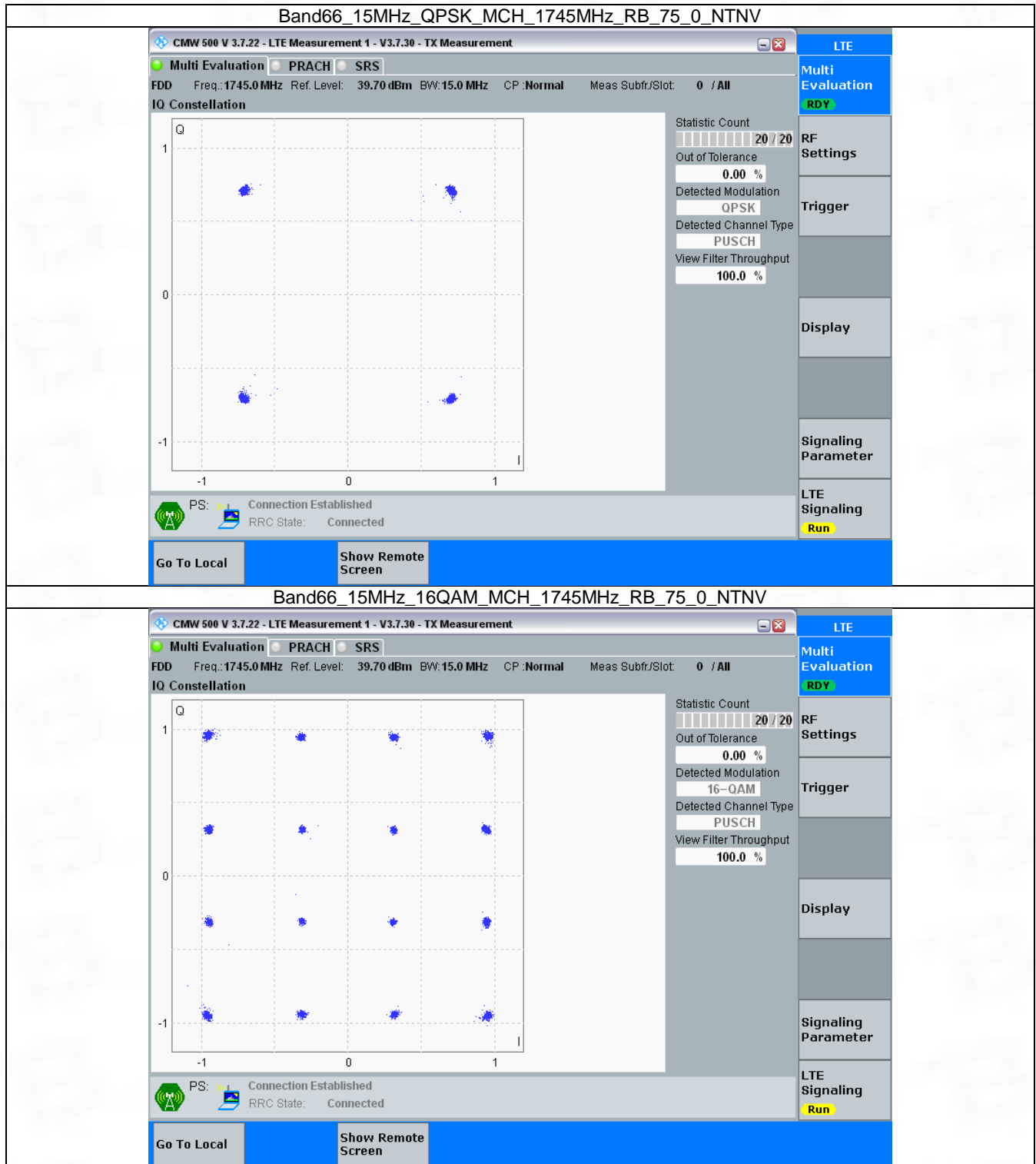


### 3.5 B66\_15MHz

#### 3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

### 3.5.2 Test Graph



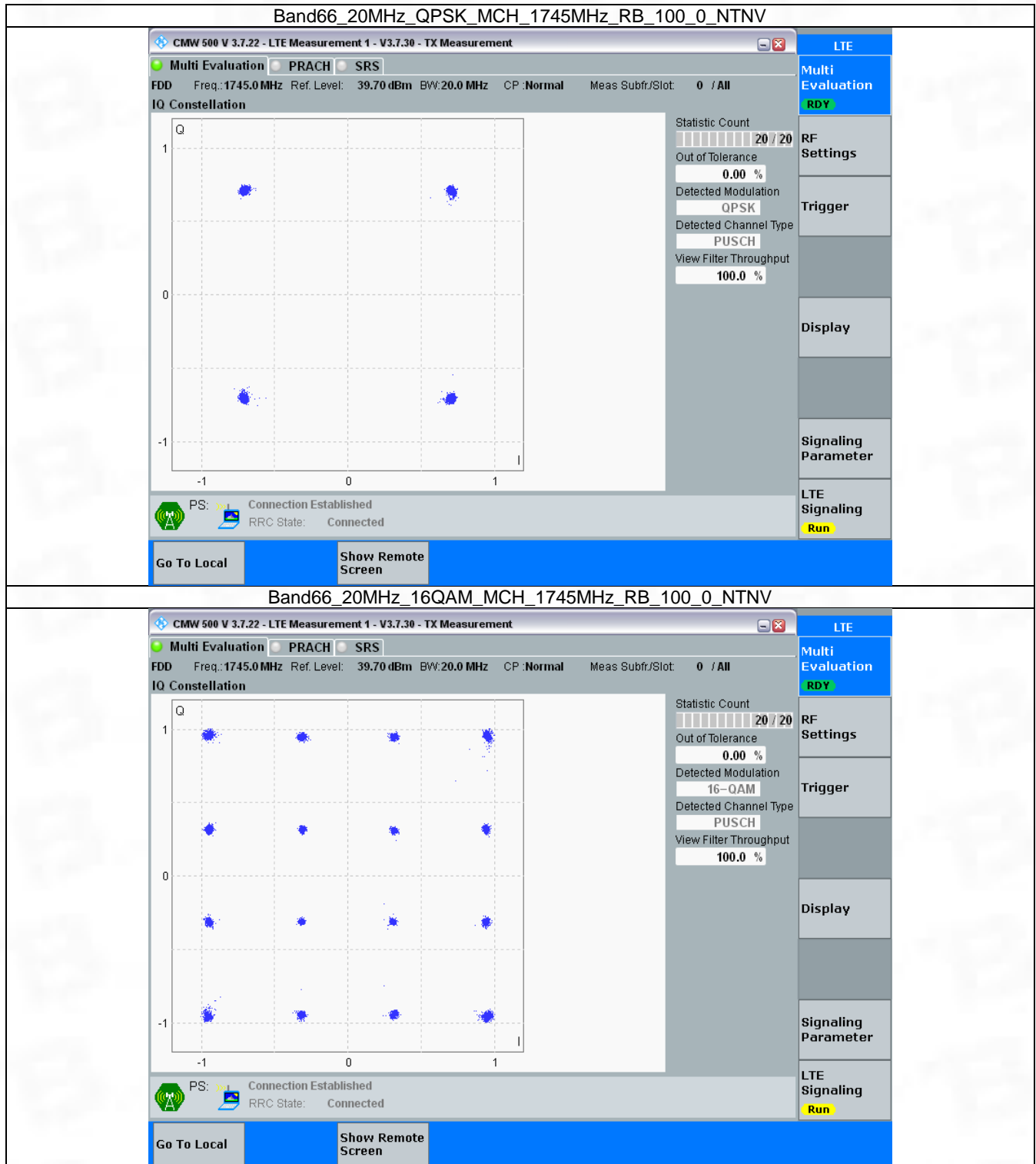


### 3.6 B66\_20MHz

#### 3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

### 3.6.2 Test Graph



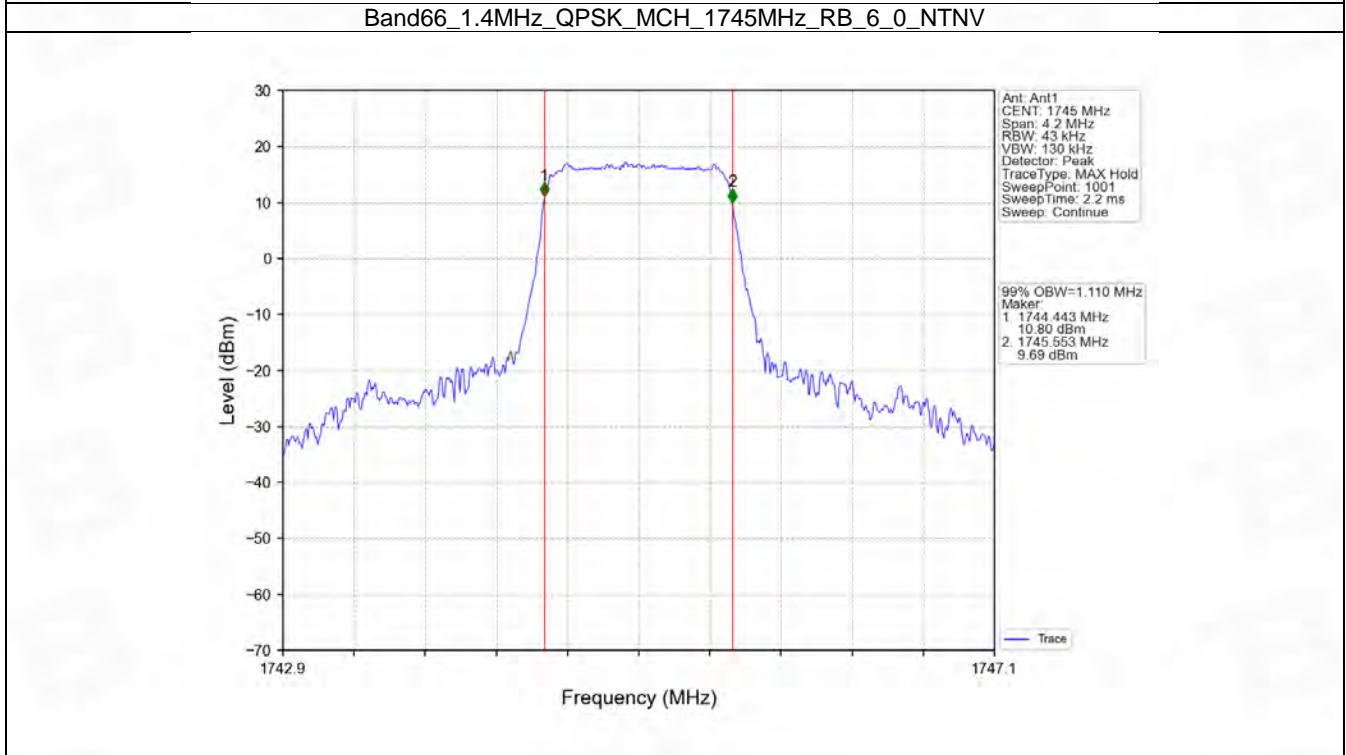
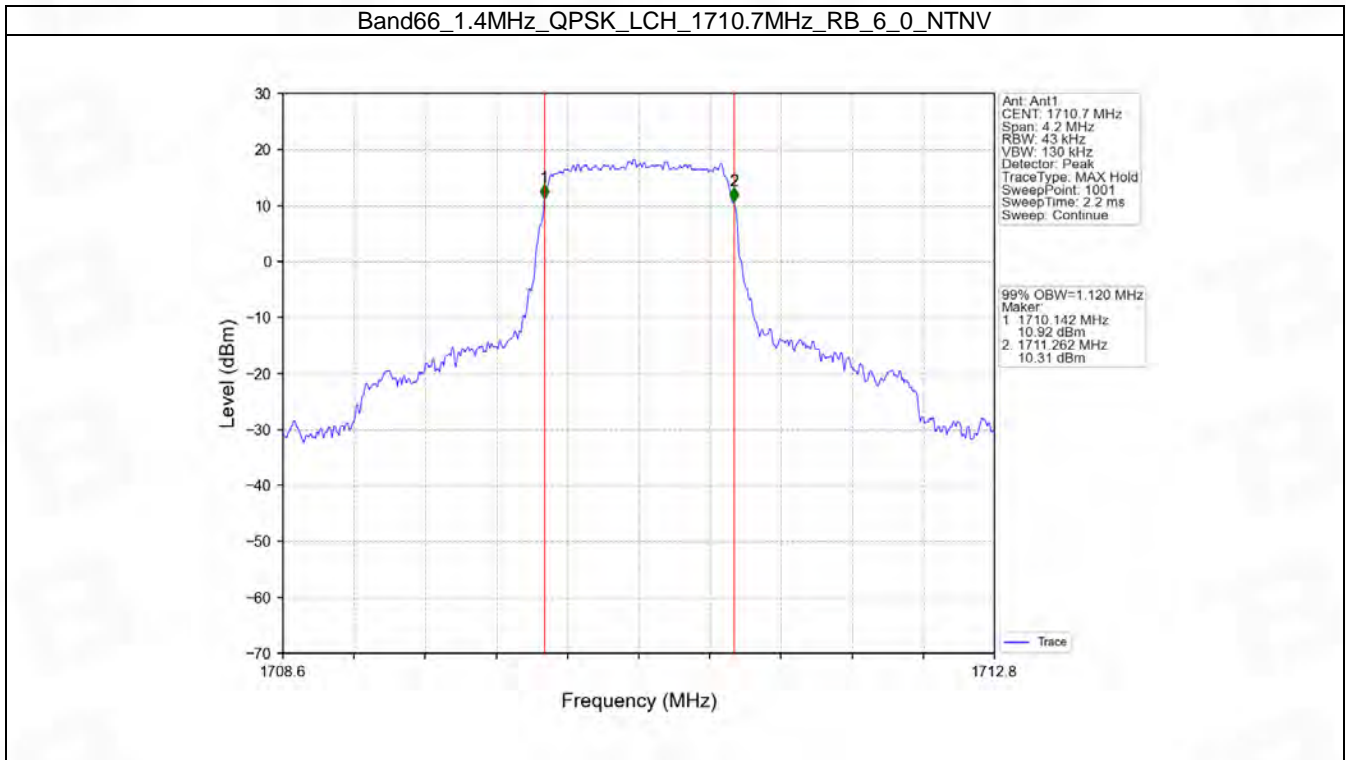
## 4. 99% & 26dB Bandwidth

### 4.1 Band66\_OBW

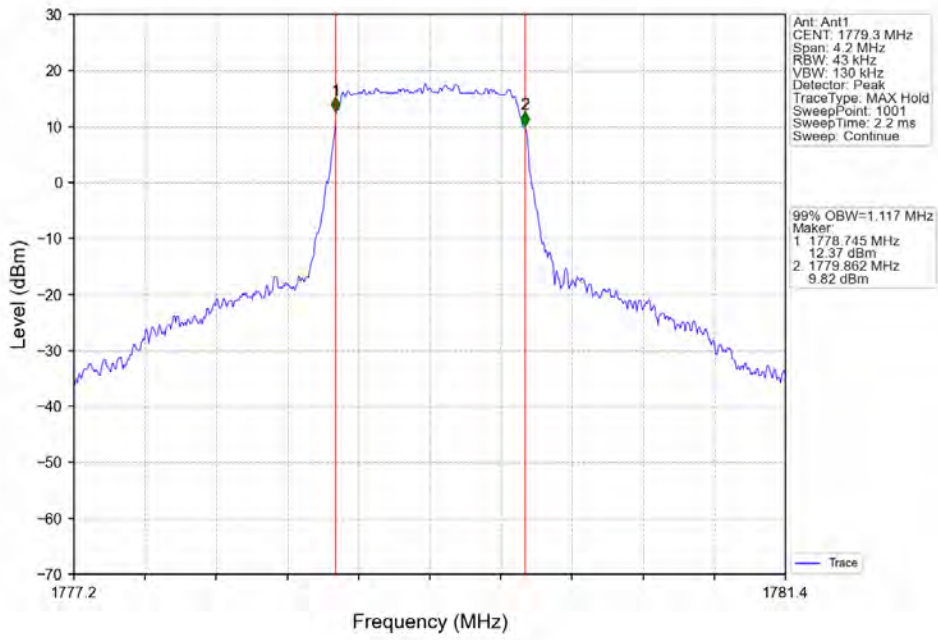
#### 4.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.120	Pass
		1745	6	0	1.110	Pass
		1779.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.113	Pass
		1745	6	0	1.116	Pass
		1779.3	6	0	1.111	Pass
3	QPSK	1711.5	15	0	2.721	Pass
		1745	15	0	2.729	Pass
		1778.5	15	0	2.721	Pass
	16QAM	1711.5	15	0	2.722	Pass
		1745	15	0	2.723	Pass
		1778.5	15	0	2.729	Pass
5	QPSK	1712.5	25	0	4.572	Pass
		1745	25	0	4.559	Pass
		1777.5	25	0	4.575	Pass
	16QAM	1712.5	25	0	4.581	Pass
		1745	25	0	4.578	Pass
		1777.5	25	0	4.559	Pass
10	QPSK	1715	50	0	9.078	Pass
		1745	50	0	9.063	Pass
		1775	50	0	9.131	Pass
	16QAM	1715	50	0	9.083	Pass
		1745	50	0	9.087	Pass
		1775	50	0	9.083	Pass
15	QPSK	1717.5	75	0	13.581	Pass
		1745	75	0	13.617	Pass
		1772.5	75	0	13.709	Pass
	16QAM	1717.5	75	0	13.558	Pass
		1745	75	0	13.661	Pass
		1772.5	75	0	13.717	Pass
20	QPSK	1720	100	0	18.105	Pass
		1745	100	0	18.213	Pass
		1770	100	0	18.224	Pass
	16QAM	1720	100	0	18.084	Pass
		1745	100	0	18.169	Pass
		1770	100	0	18.183	Pass

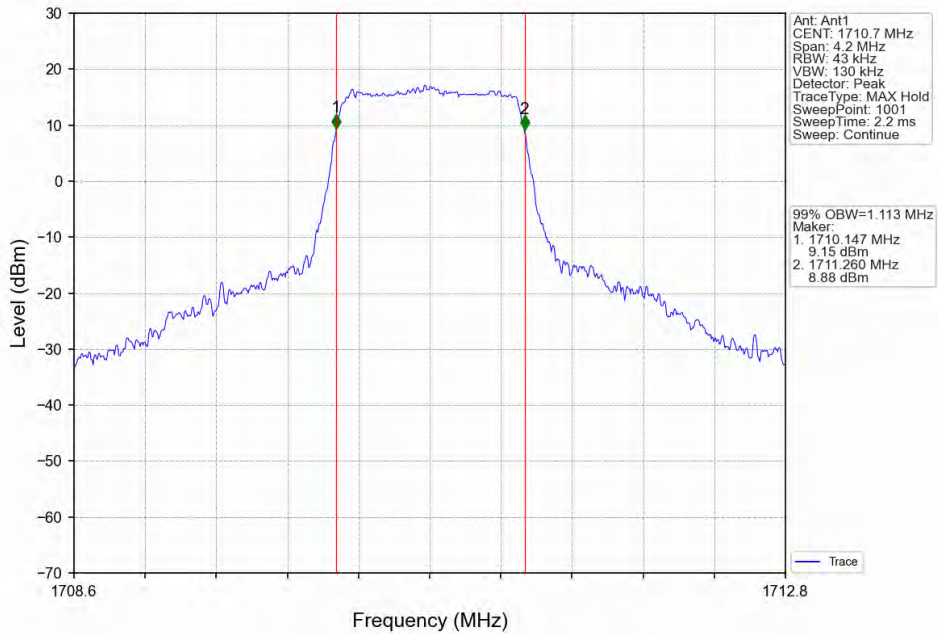
### 4.1.2 Test Graph



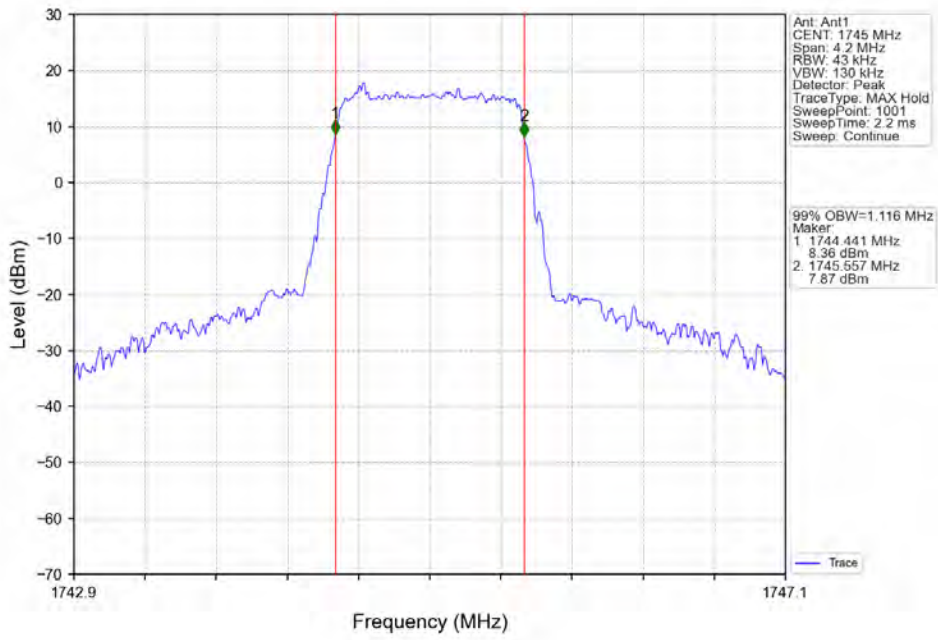
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



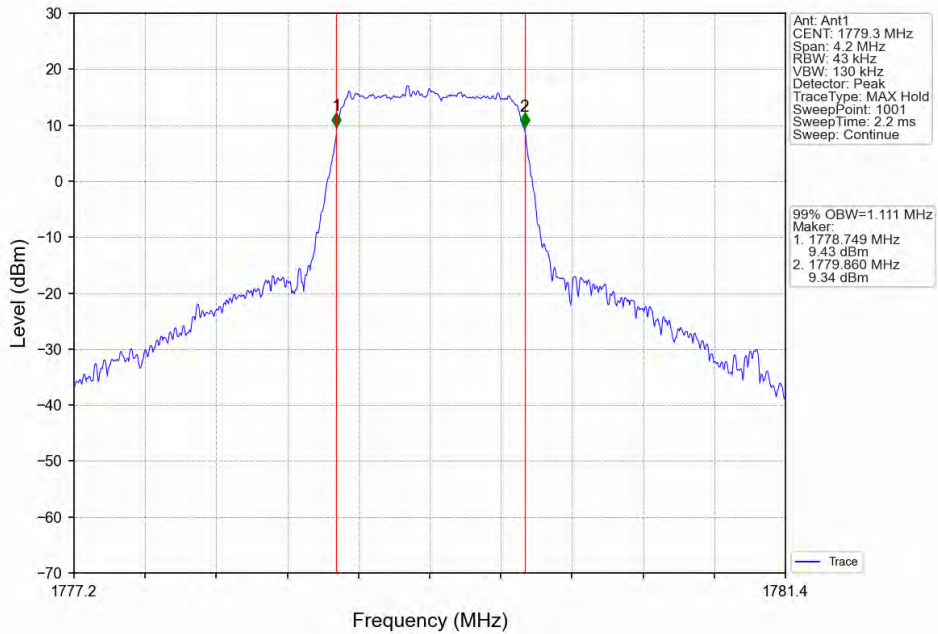
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



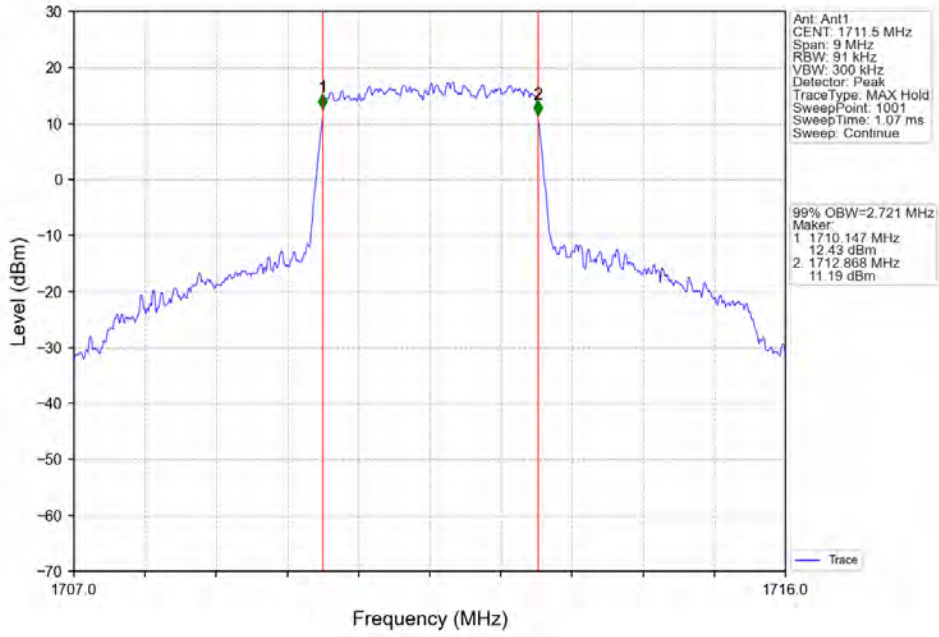
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



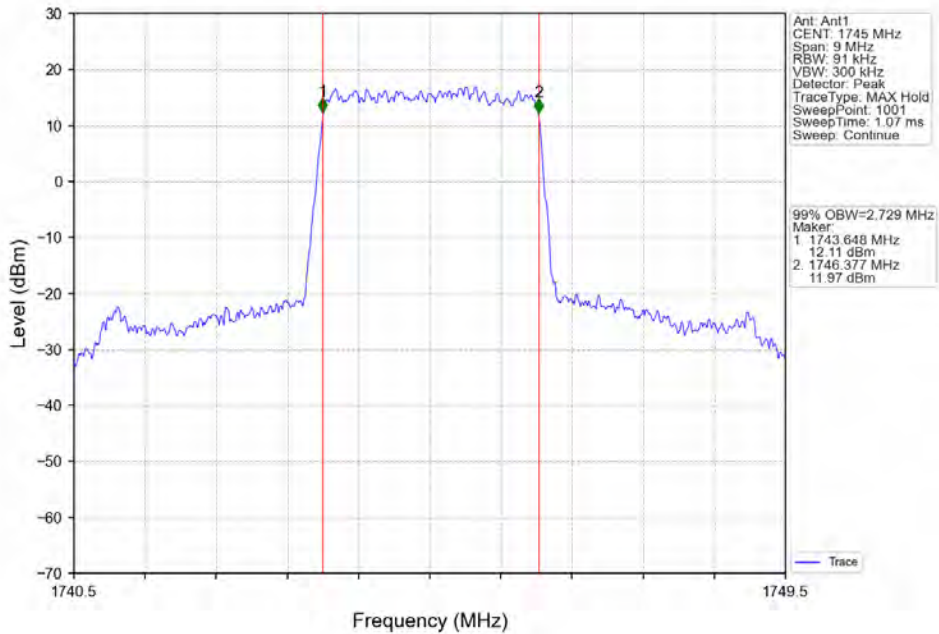
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



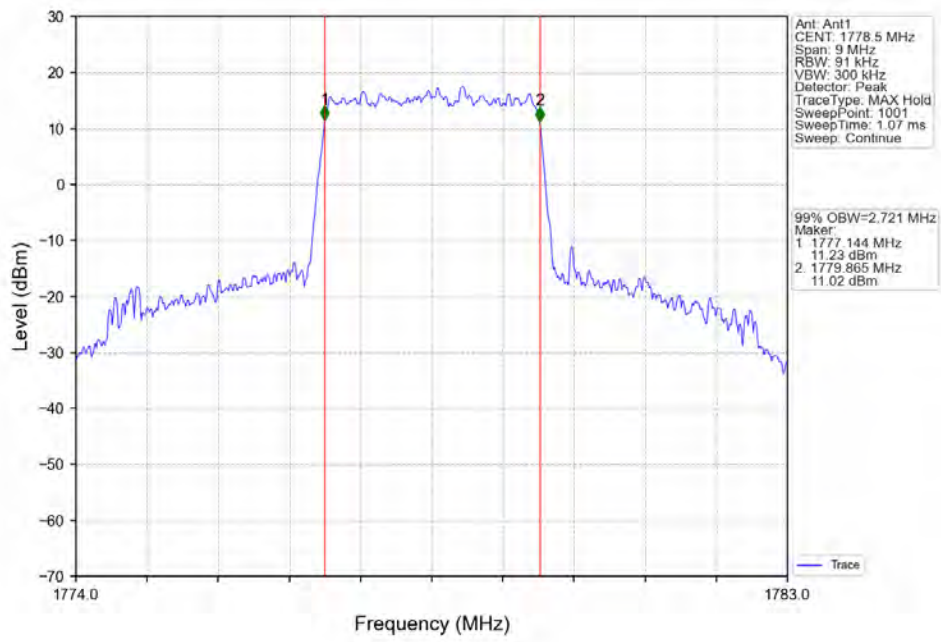
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



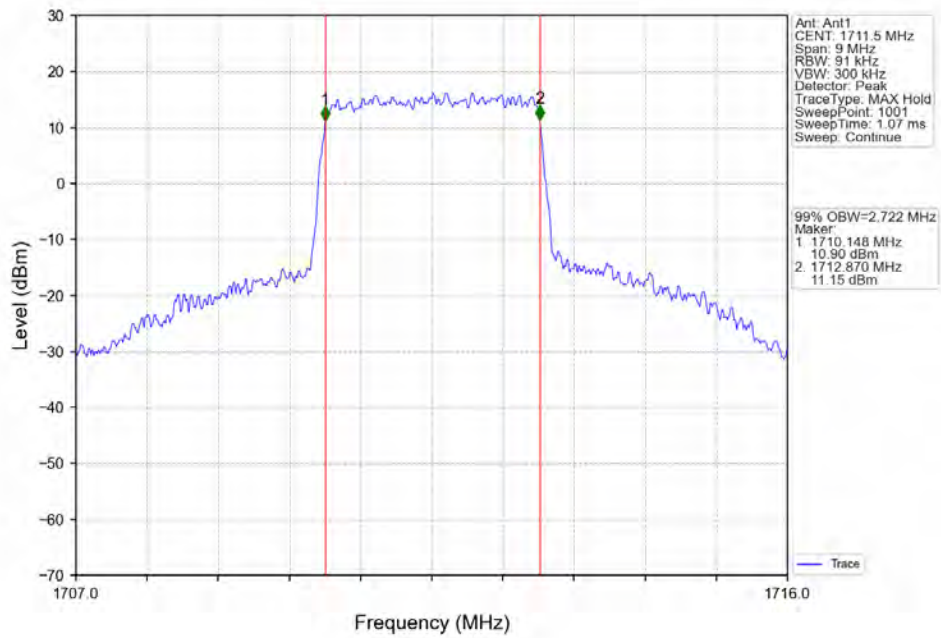
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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

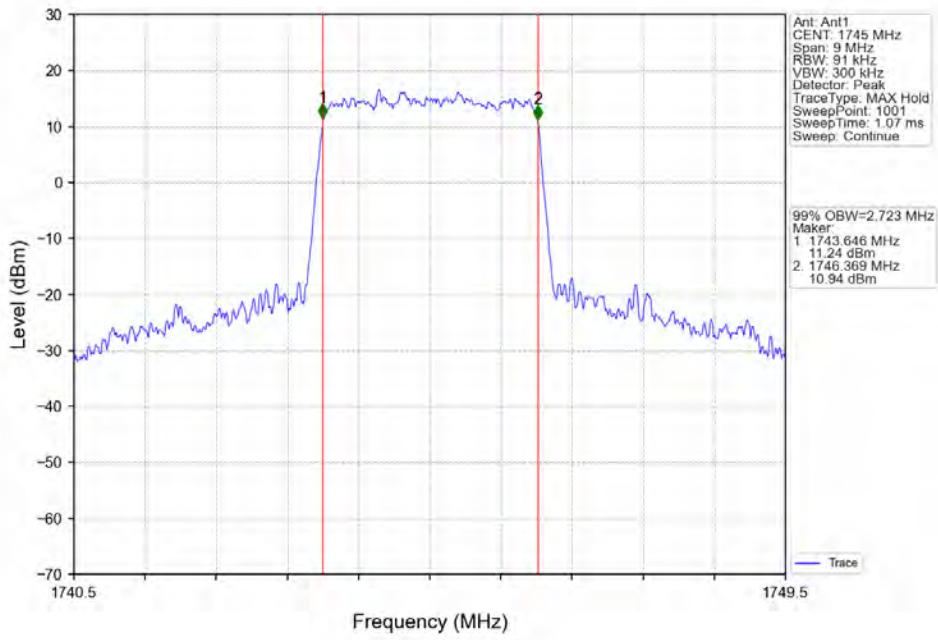


Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

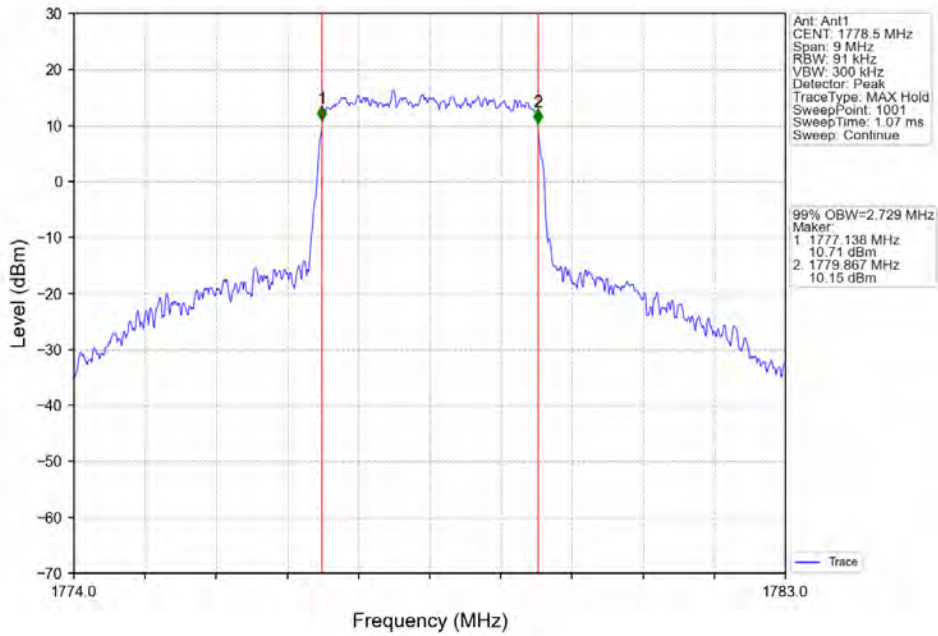




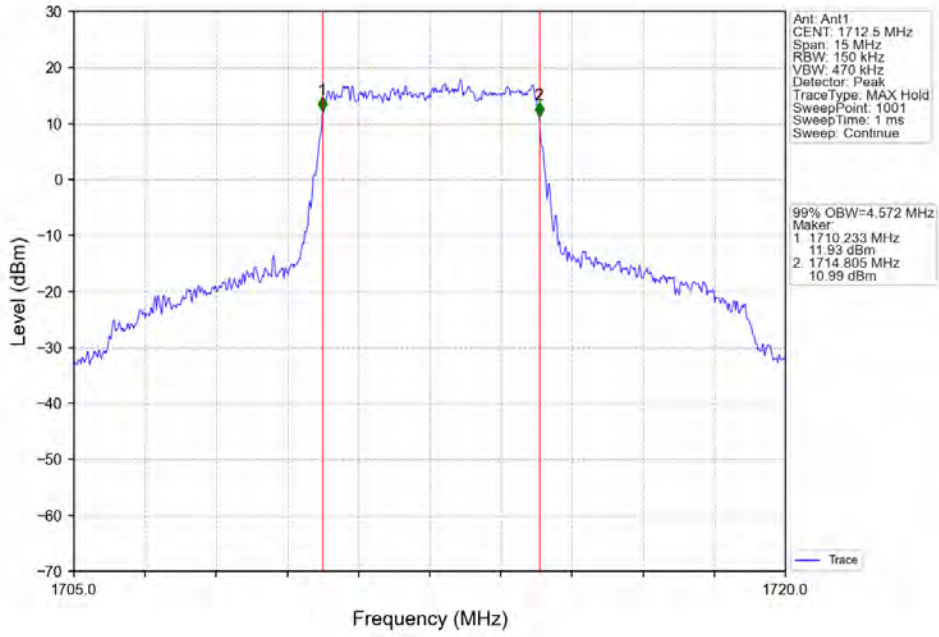
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



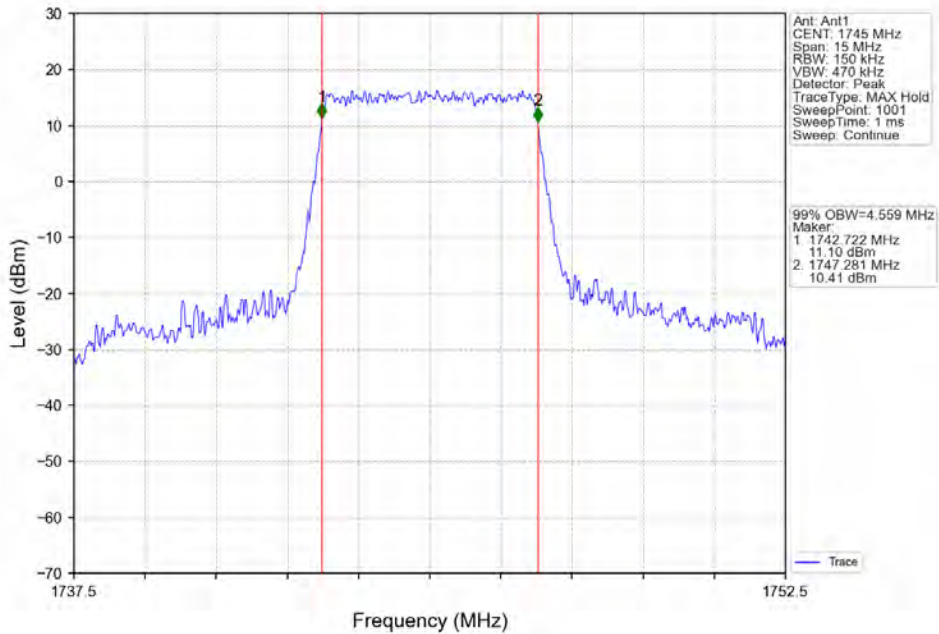
Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



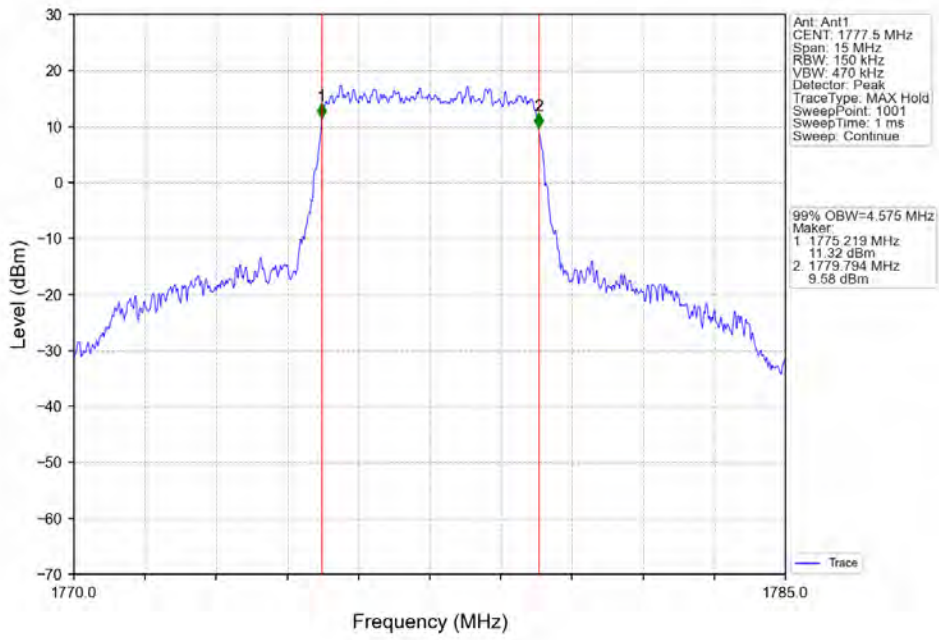
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



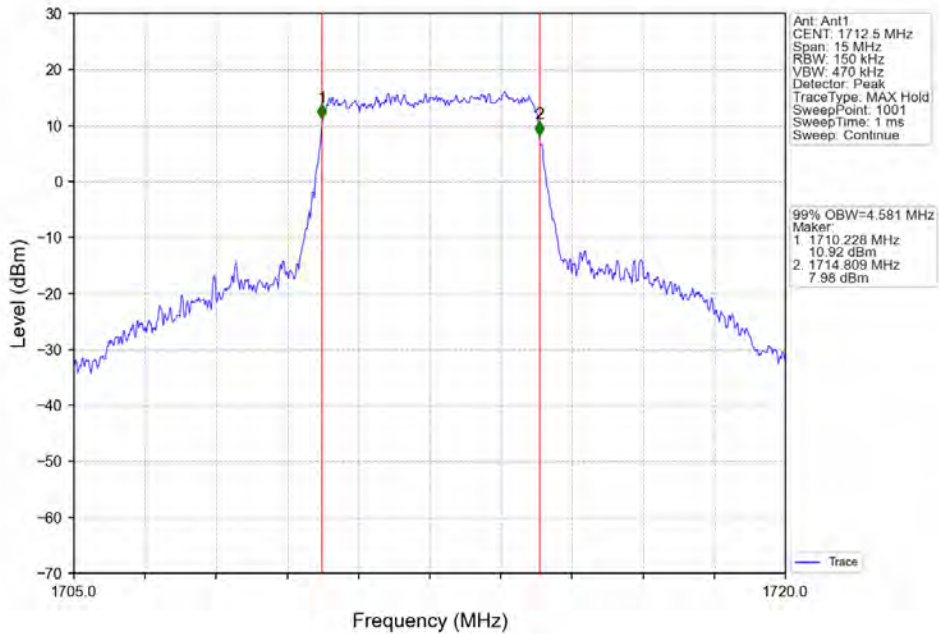
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



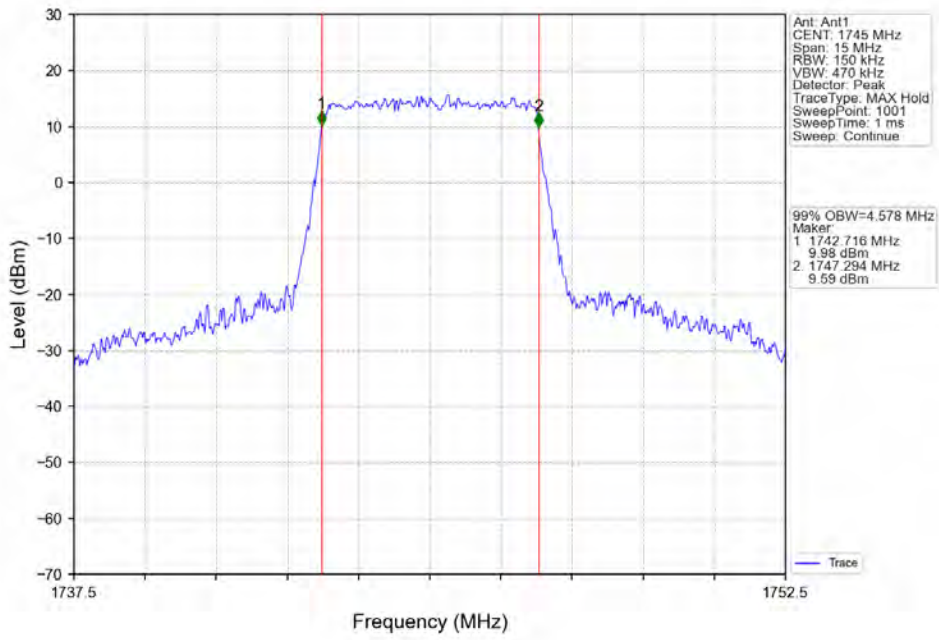
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



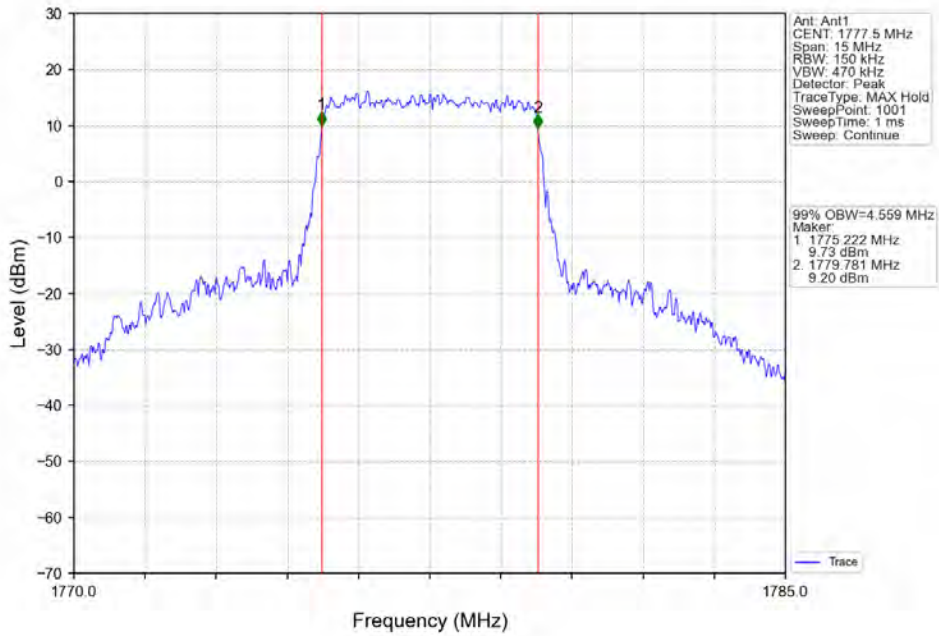
Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



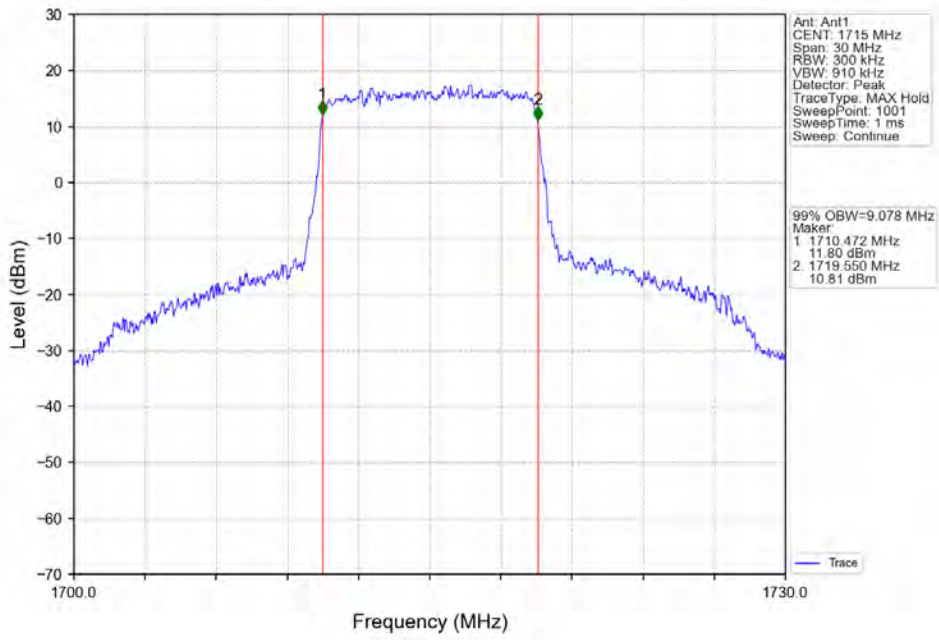
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



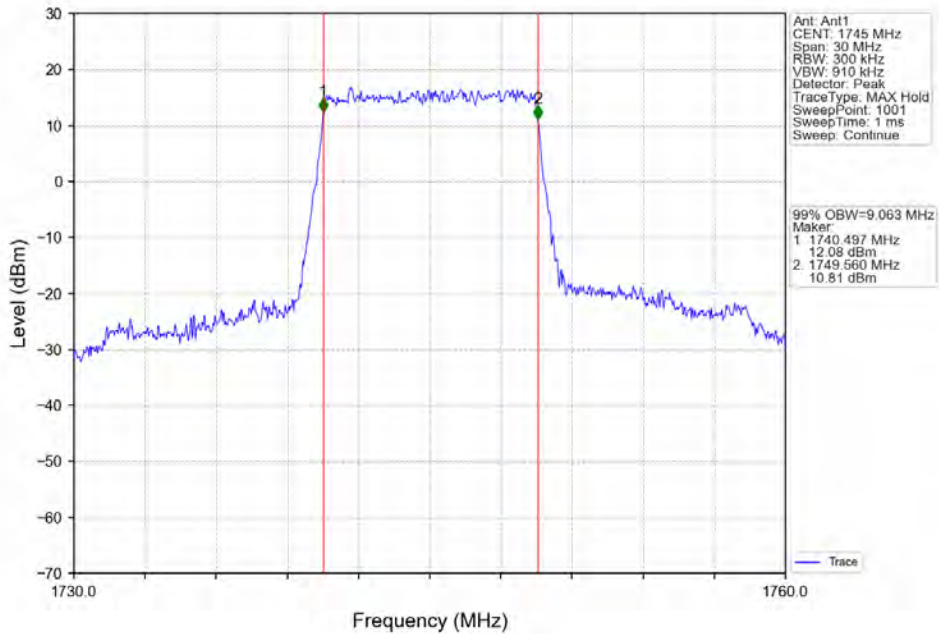
Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



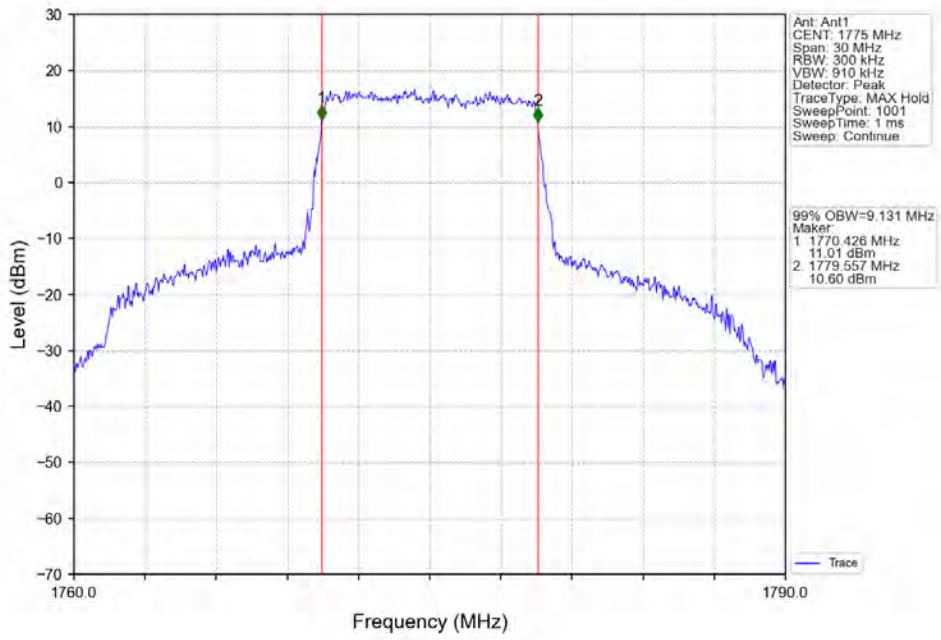
Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV



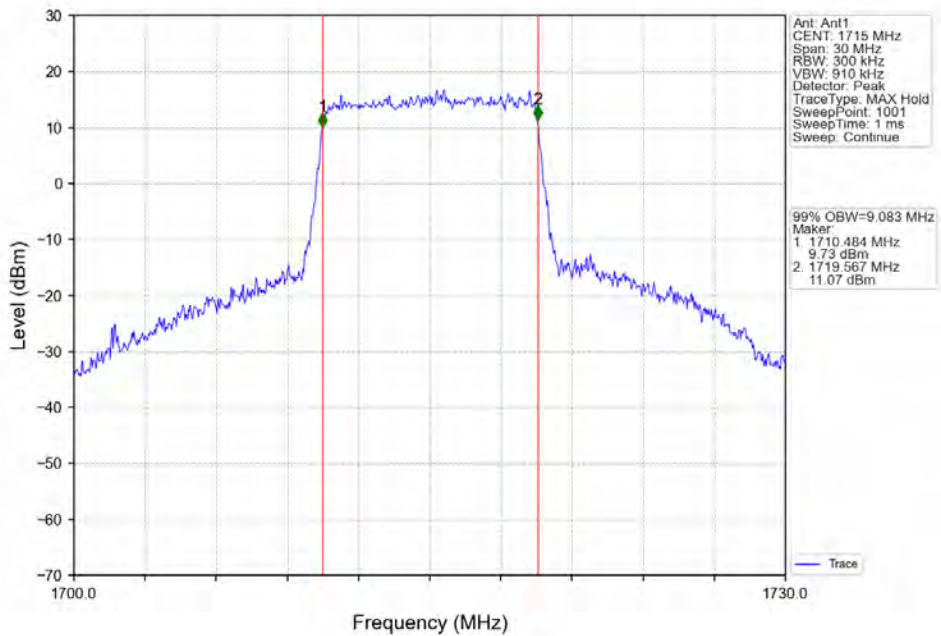
Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



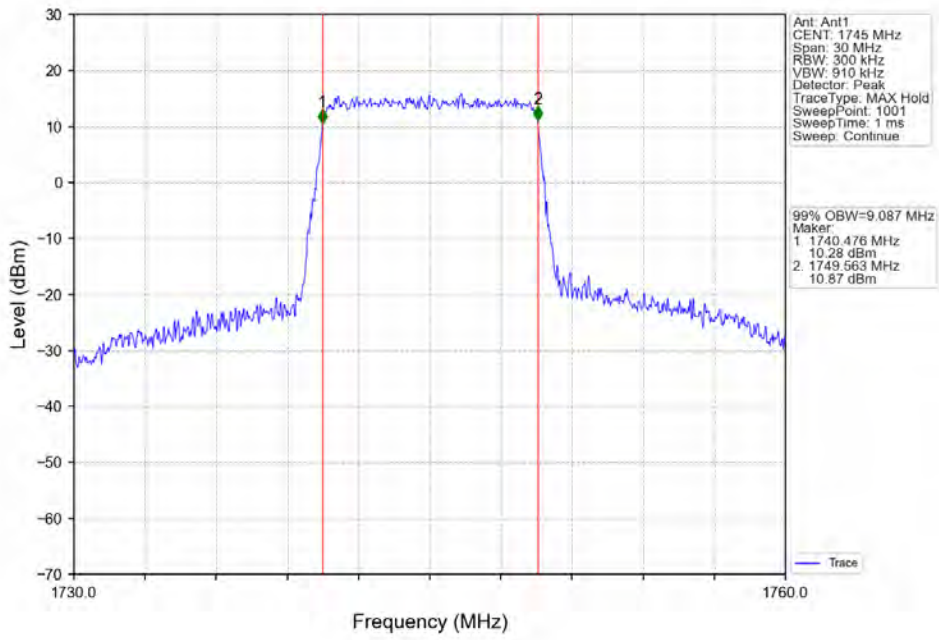
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



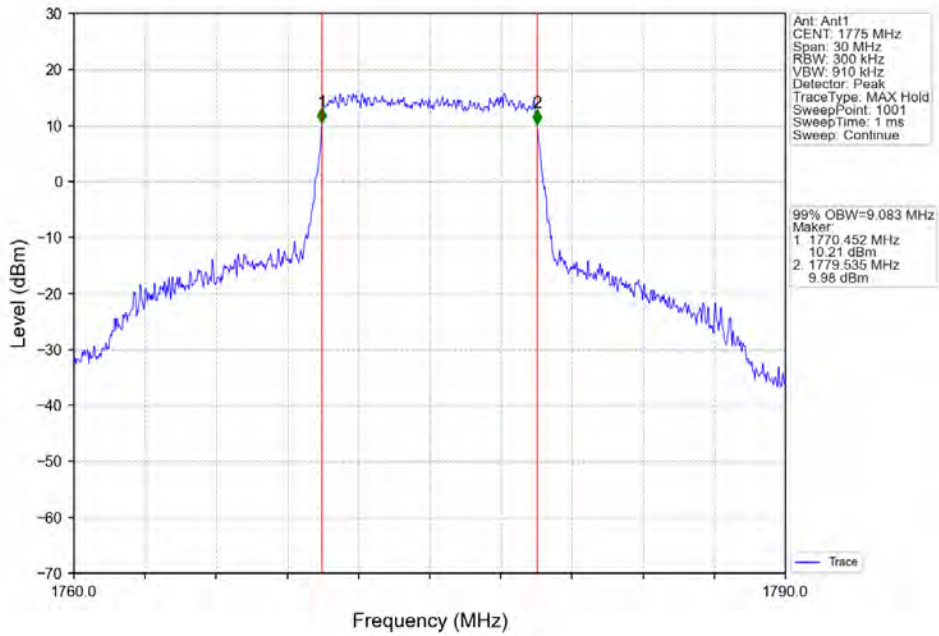
Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



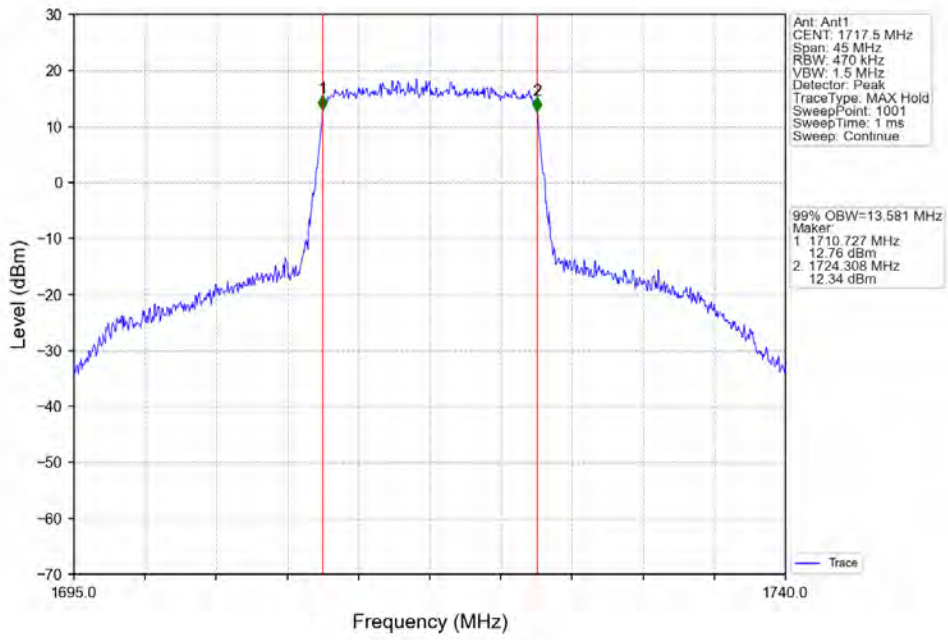
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



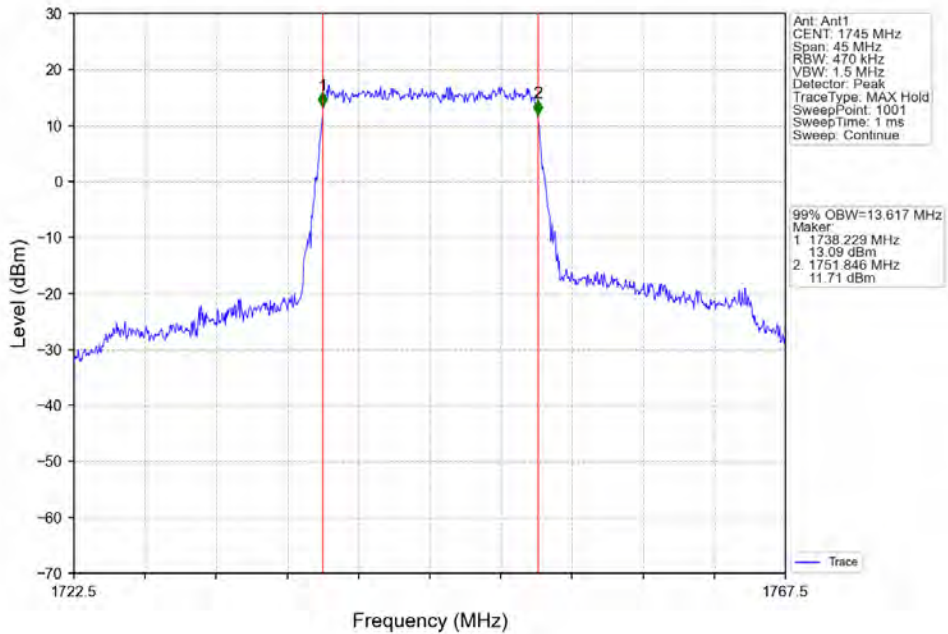
Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



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

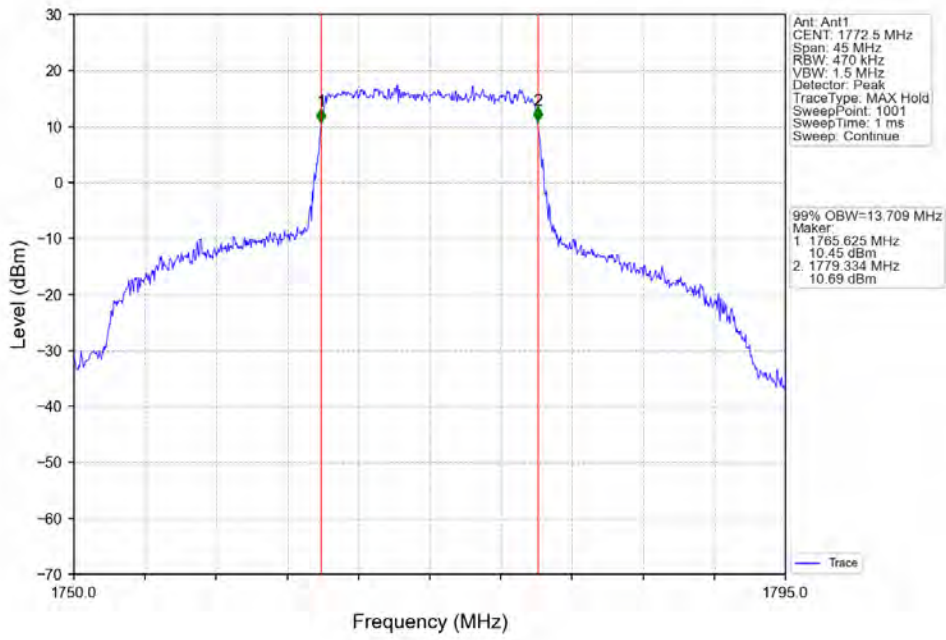


Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV

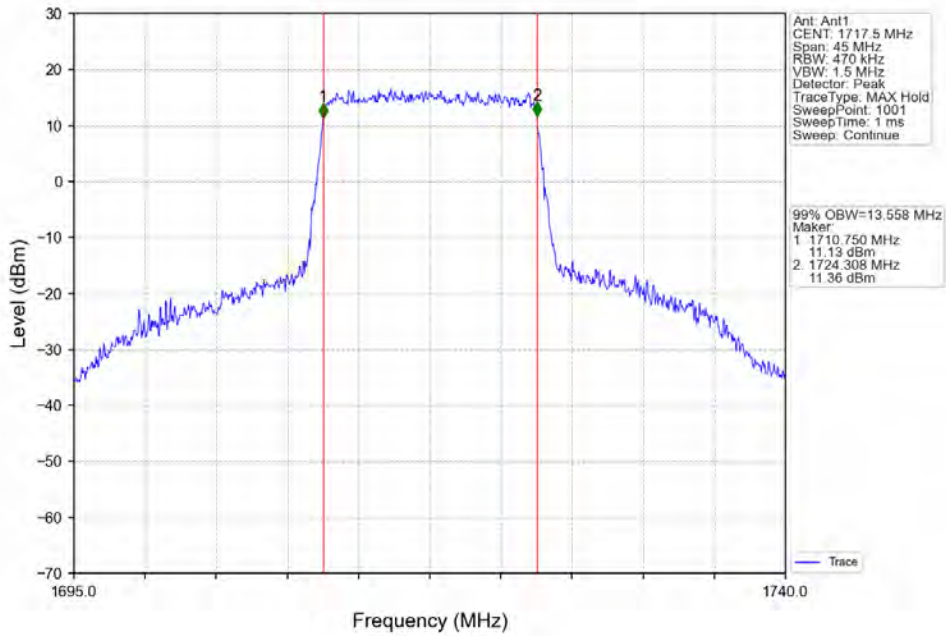




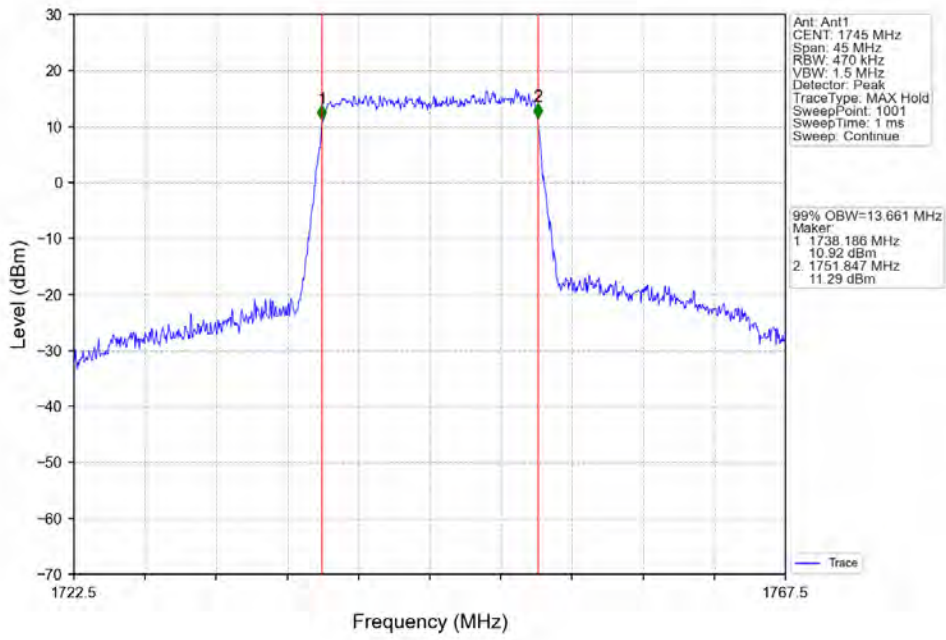
Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



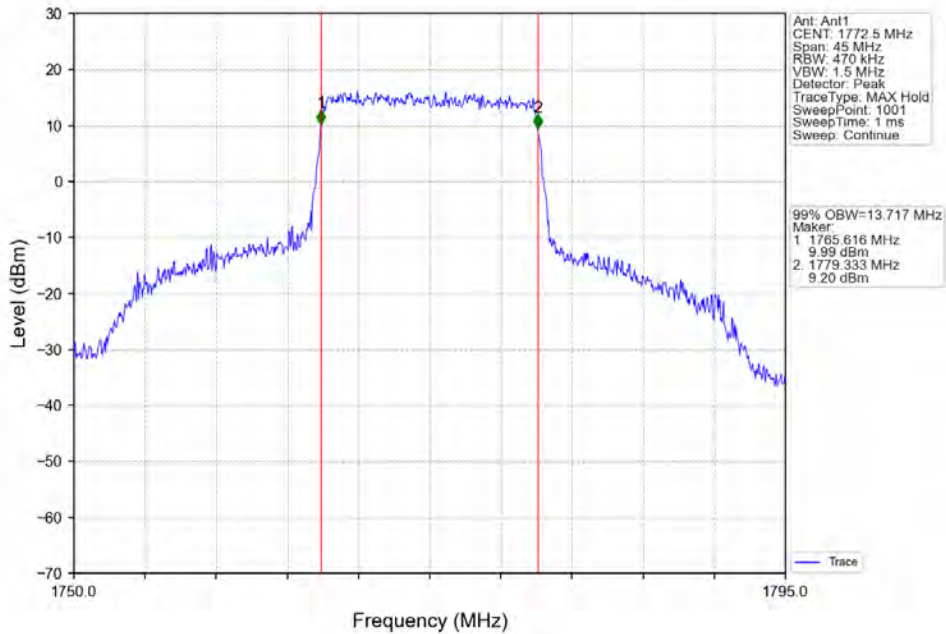
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



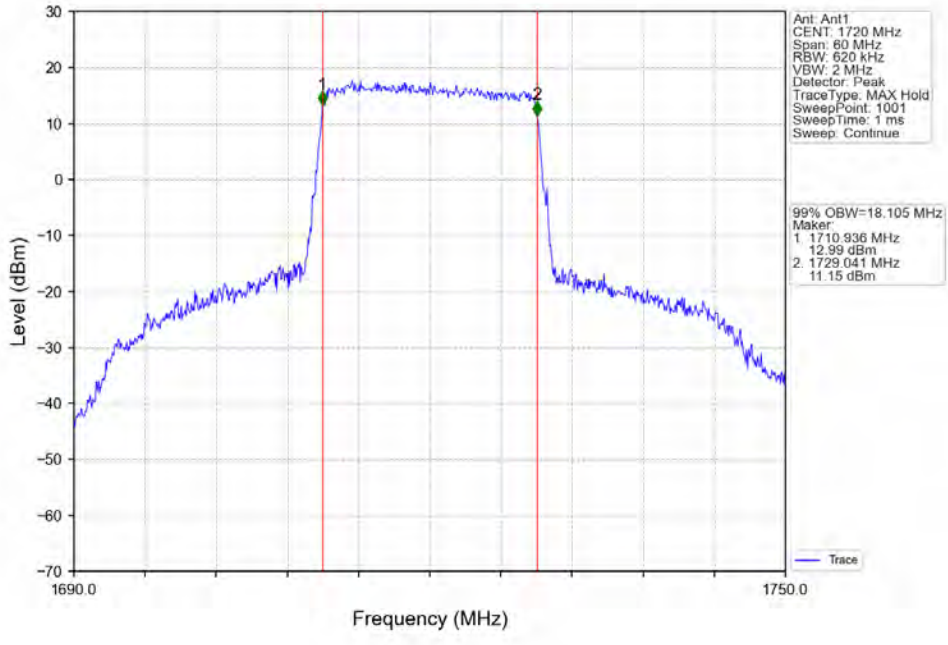
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



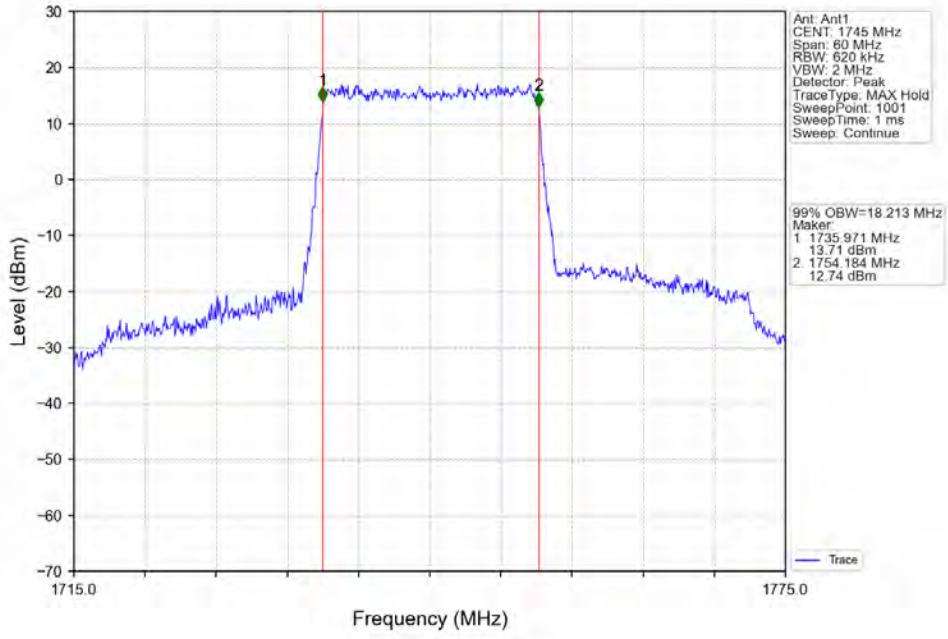
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



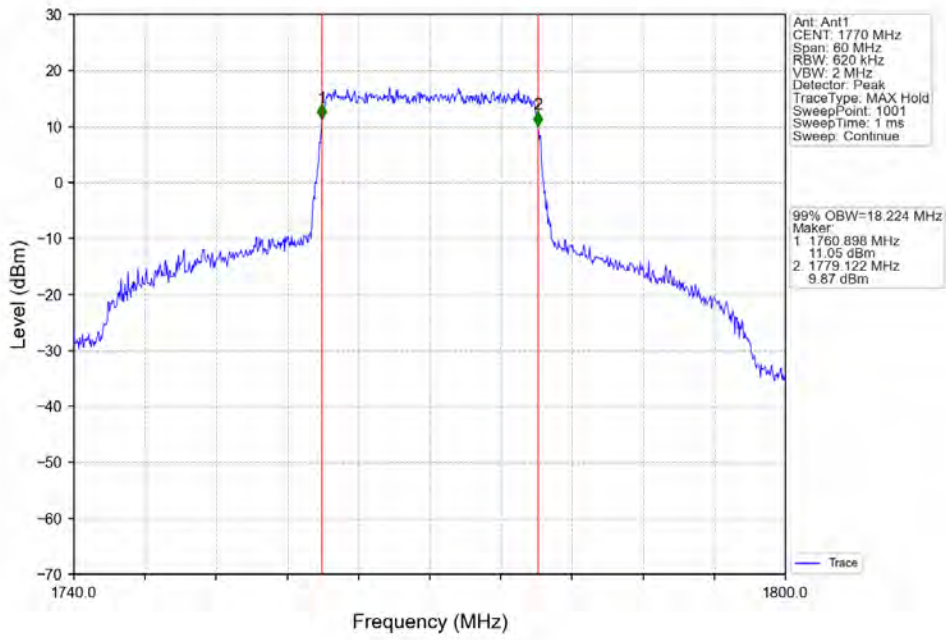
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



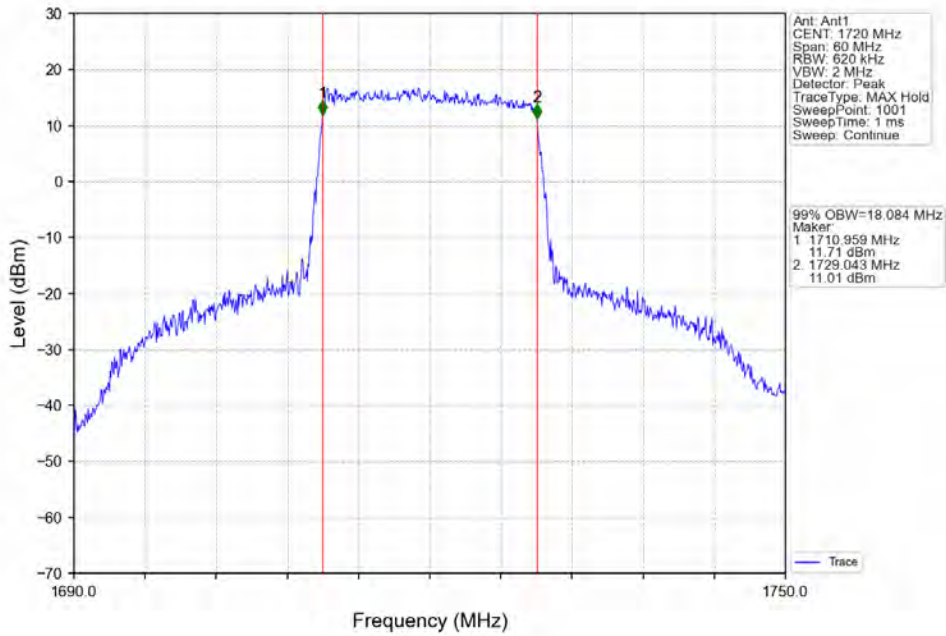
Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



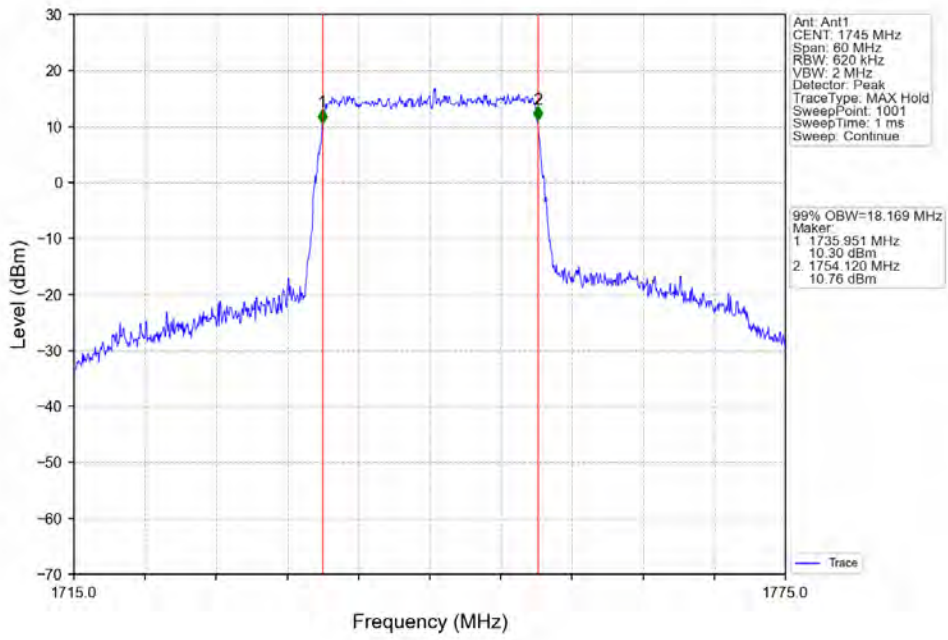
Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



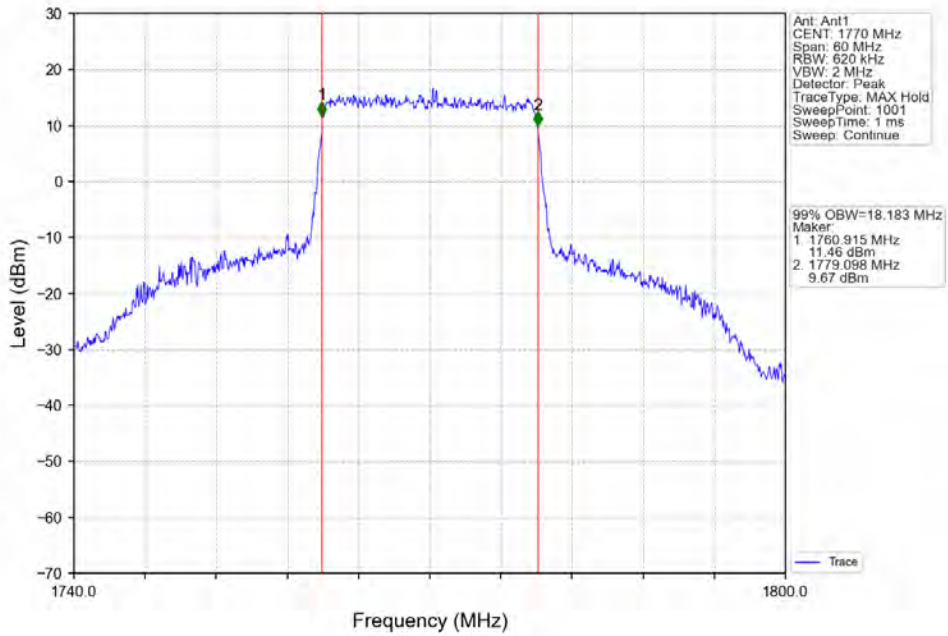
Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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



Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV

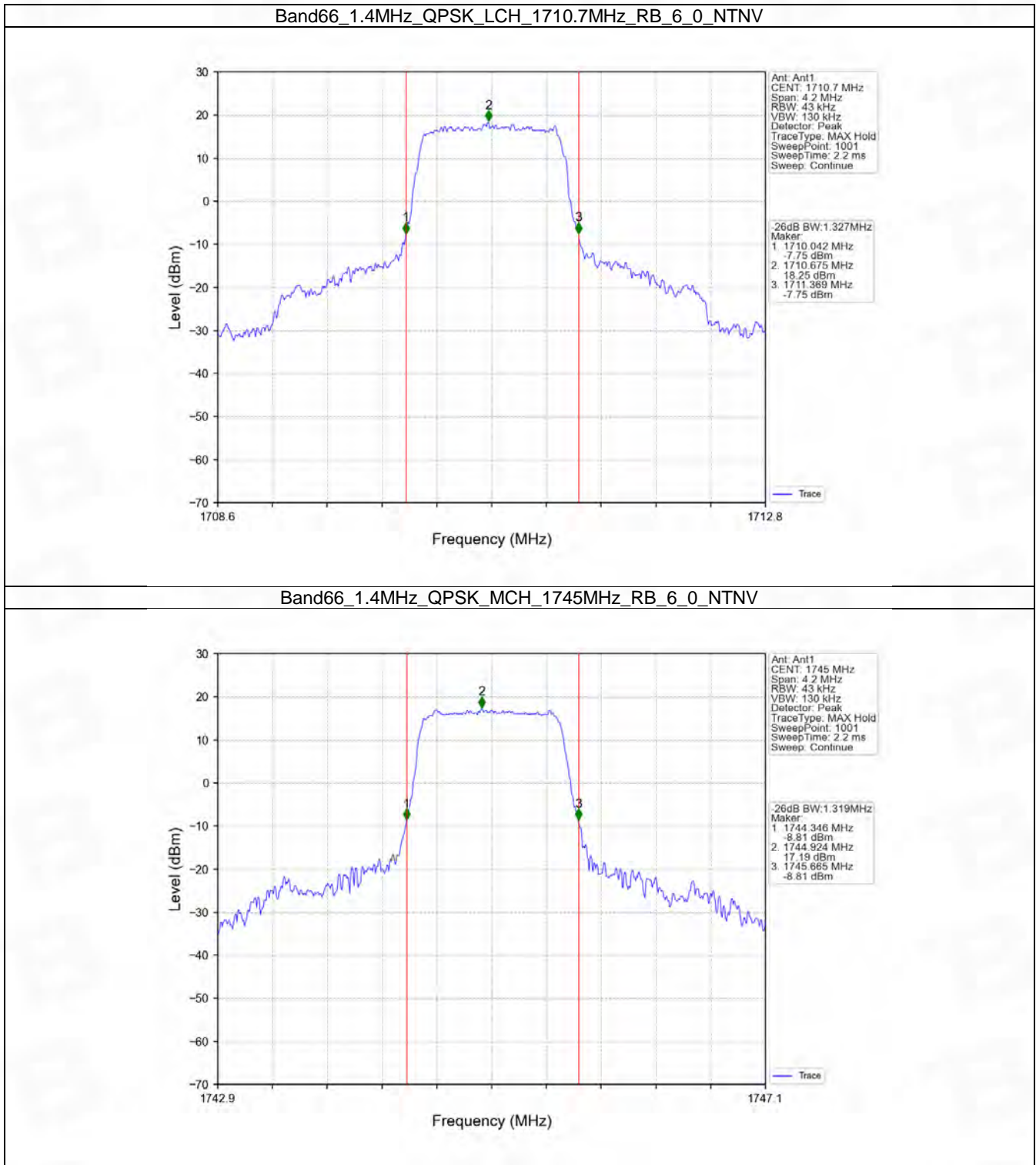


## 4.2 Band66\_XDB

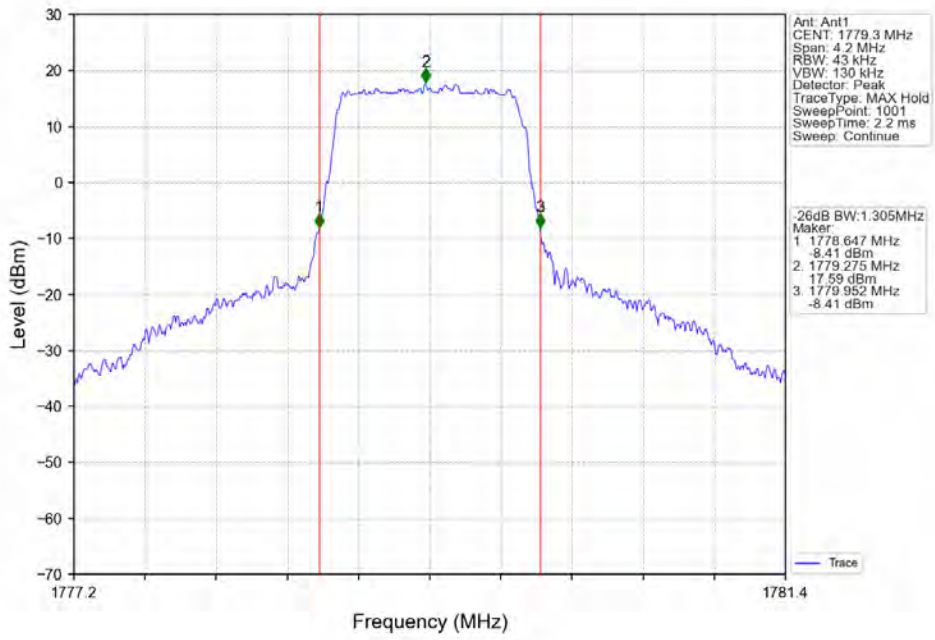
### 4.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.327	Pass
		1745	6	0	1.319	Pass
		1779.3	6	0	1.305	Pass
	16QAM	1710.7	6	0	1.343	Pass
		1745	6	0	1.328	Pass
		1779.3	6	0	1.307	Pass
3	QPSK	1711.5	15	0	3.003	Pass
		1745	15	0	3.008	Pass
		1778.5	15	0	3.008	Pass
	16QAM	1711.5	15	0	3.000	Pass
		1745	15	0	2.991	Pass
		1778.5	15	0	2.984	Pass
5	QPSK	1712.5	25	0	5.251	Pass
		1745	25	0	5.229	Pass
		1777.5	25	0	5.284	Pass
	16QAM	1712.5	25	0	5.334	Pass
		1745	25	0	5.306	Pass
		1777.5	25	0	5.284	Pass
10	QPSK	1715	50	0	10.248	Pass
		1745	50	0	10.236	Pass
		1775	50	0	10.424	Pass
	16QAM	1715	50	0	10.170	Pass
		1745	50	0	10.262	Pass
		1775	50	0	10.388	Pass
15	QPSK	1717.5	75	0	15.255	Pass
		1745	75	0	15.259	Pass
		1772.5	75	0	16.332	Pass
	16QAM	1717.5	75	0	15.233	Pass
		1745	75	0	15.341	Pass
		1772.5	75	0	16.479	Pass
20	QPSK	1720	100	0	19.984	Pass
		1745	100	0	20.186	Pass
		1770	100	0	20.225	Pass
	16QAM	1720	100	0	19.844	Pass
		1745	100	0	20.026	Pass
		1770	100	0	20.116	Pass

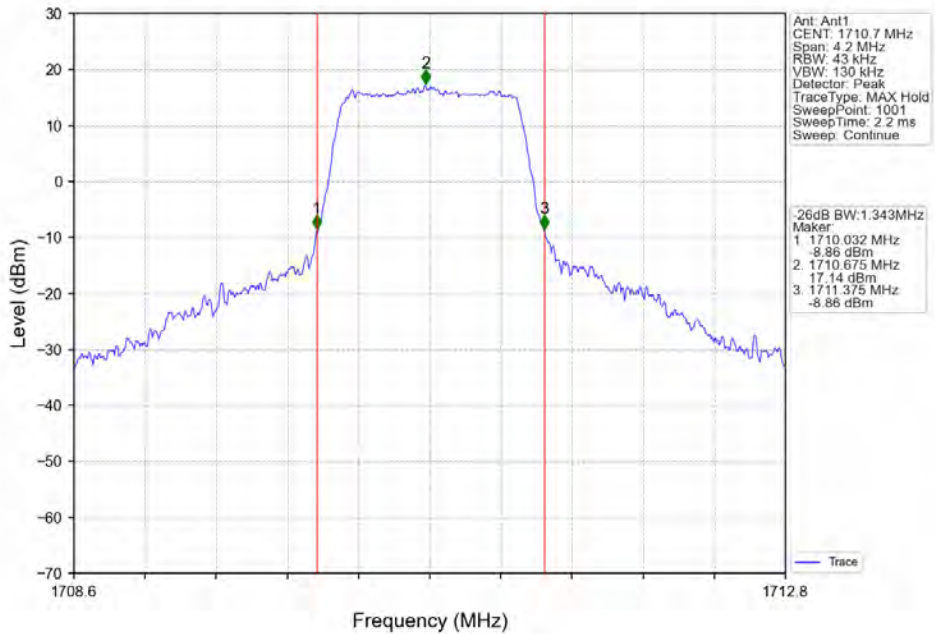
### 4.2.2 Test Graph



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

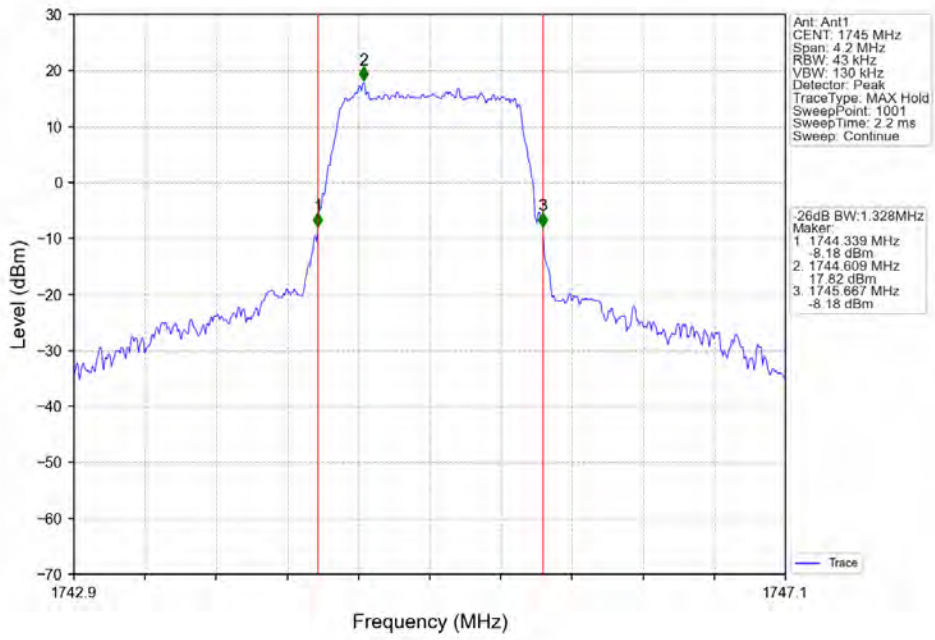


Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

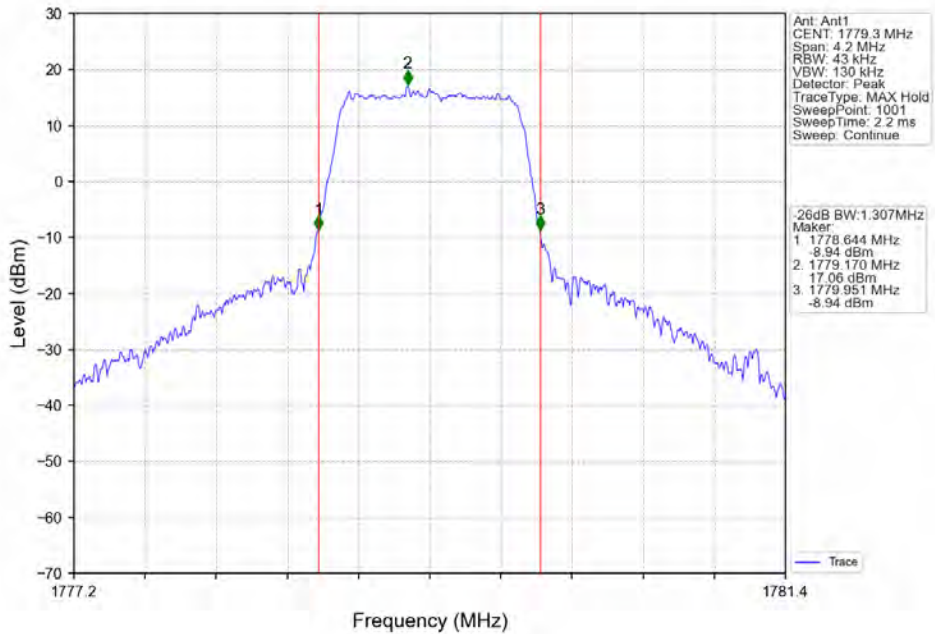




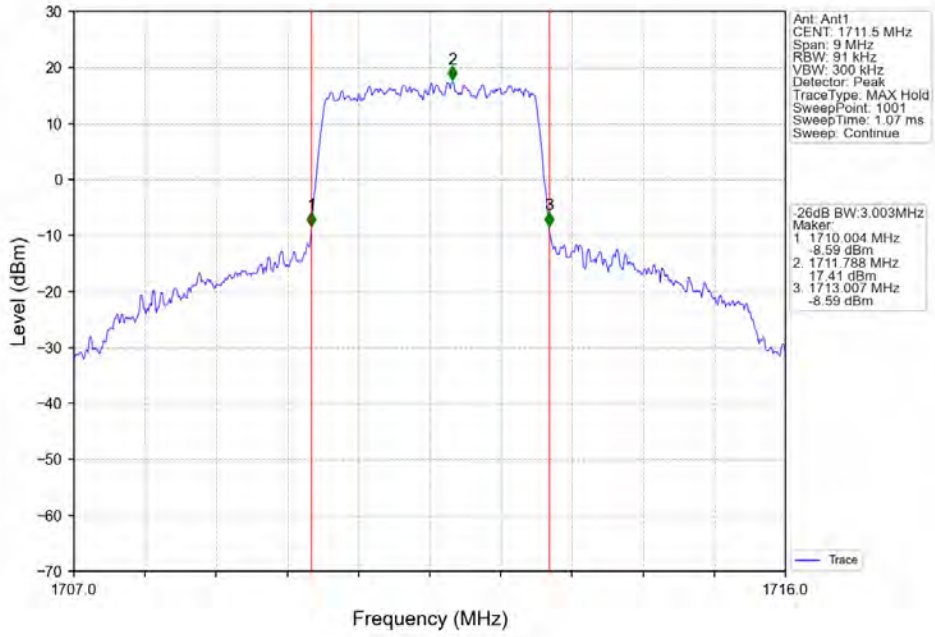
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



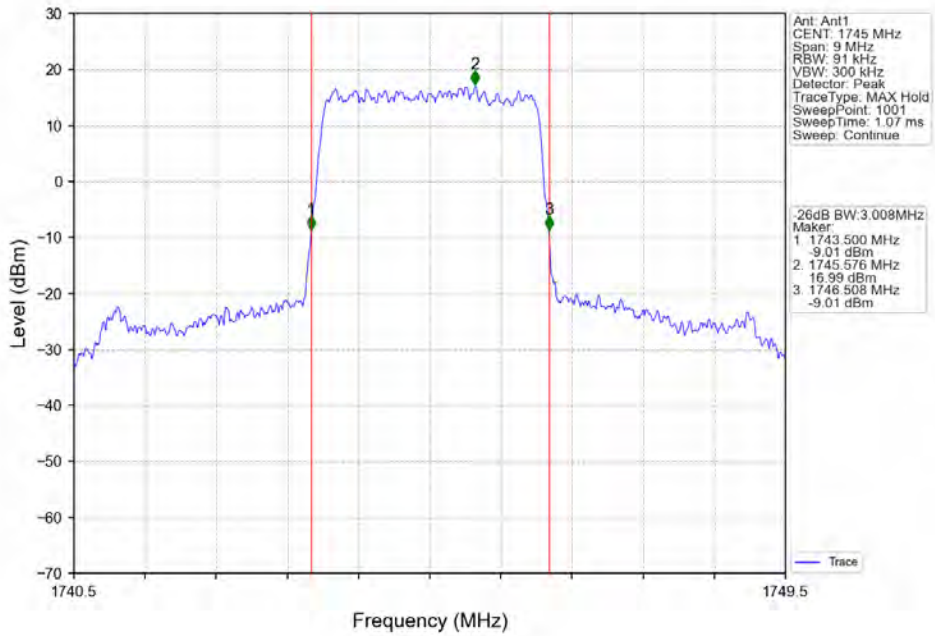
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



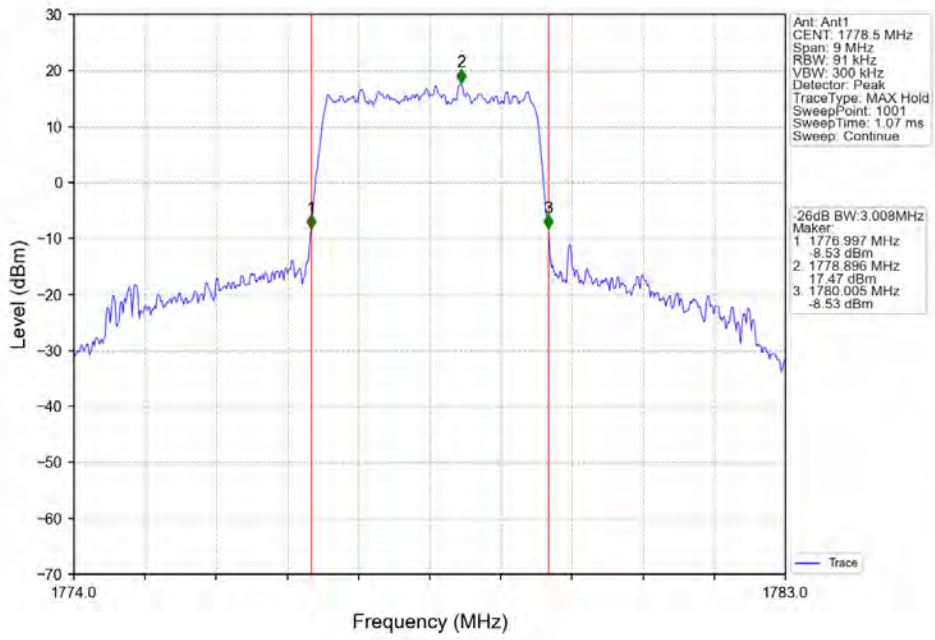
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



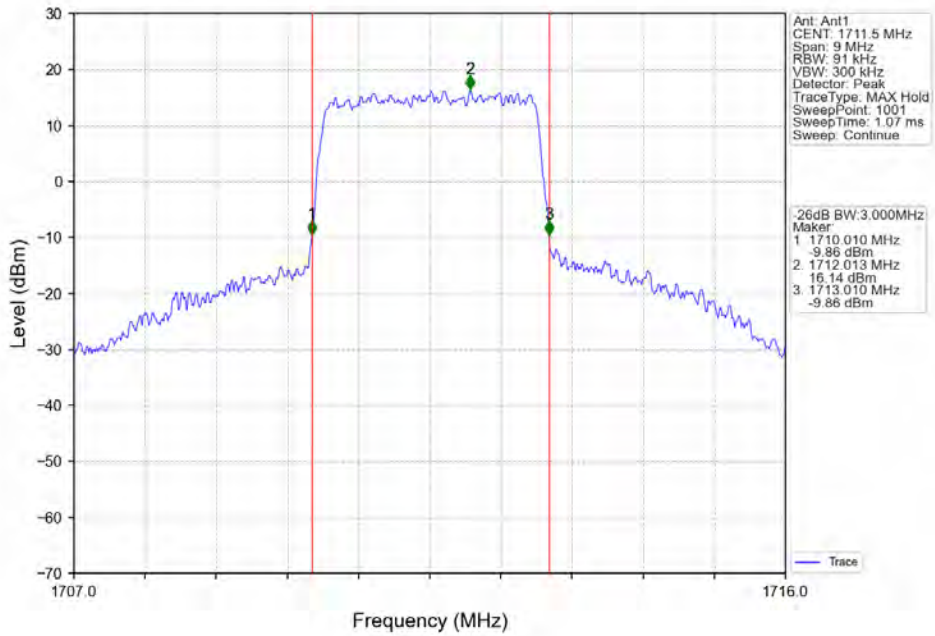
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



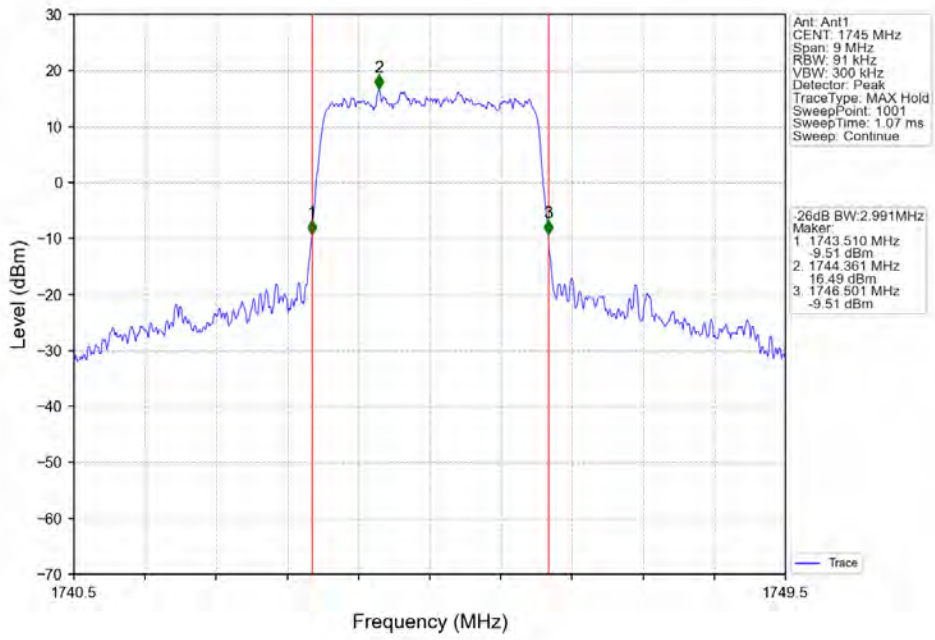
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



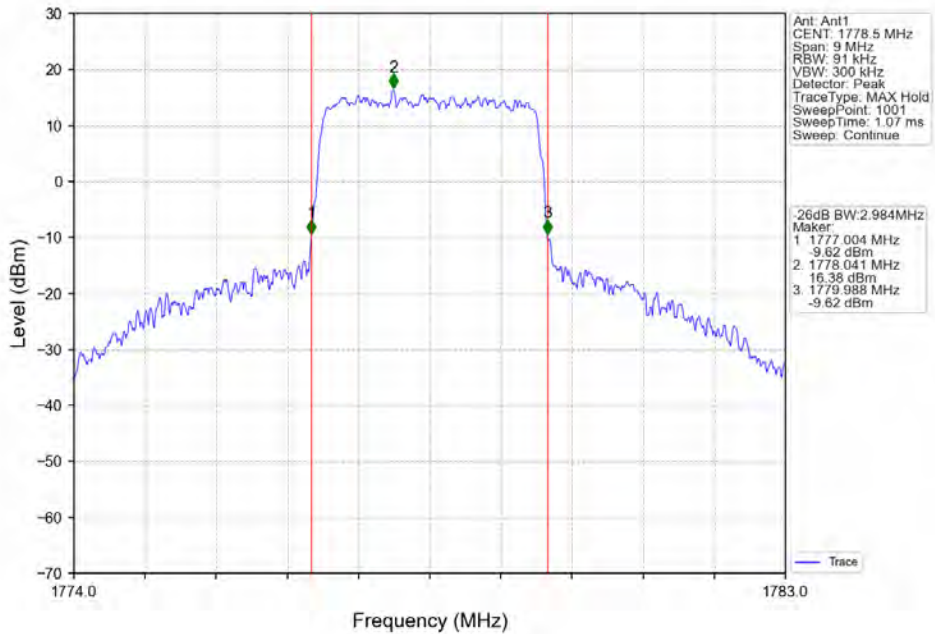
Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



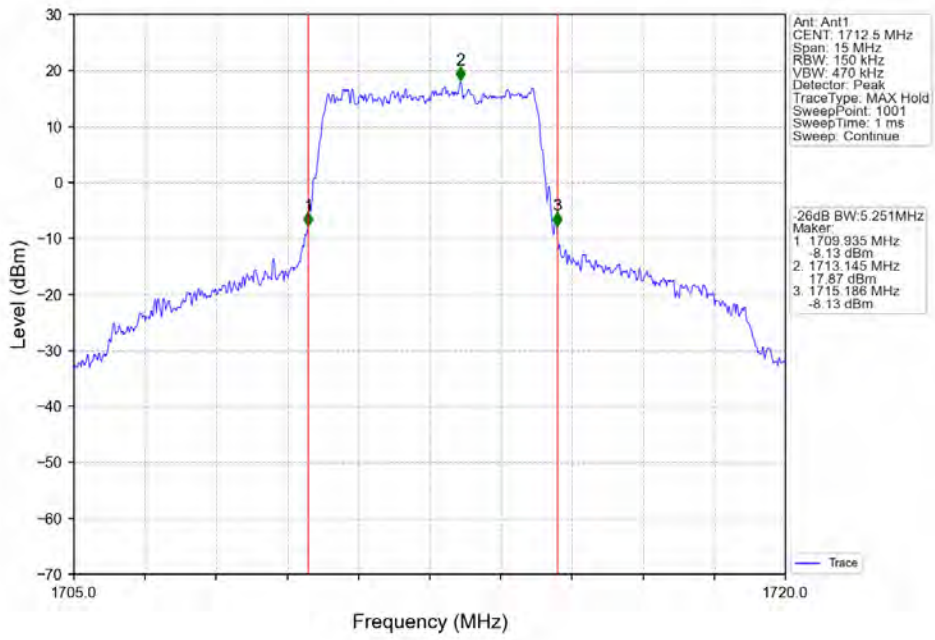
Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



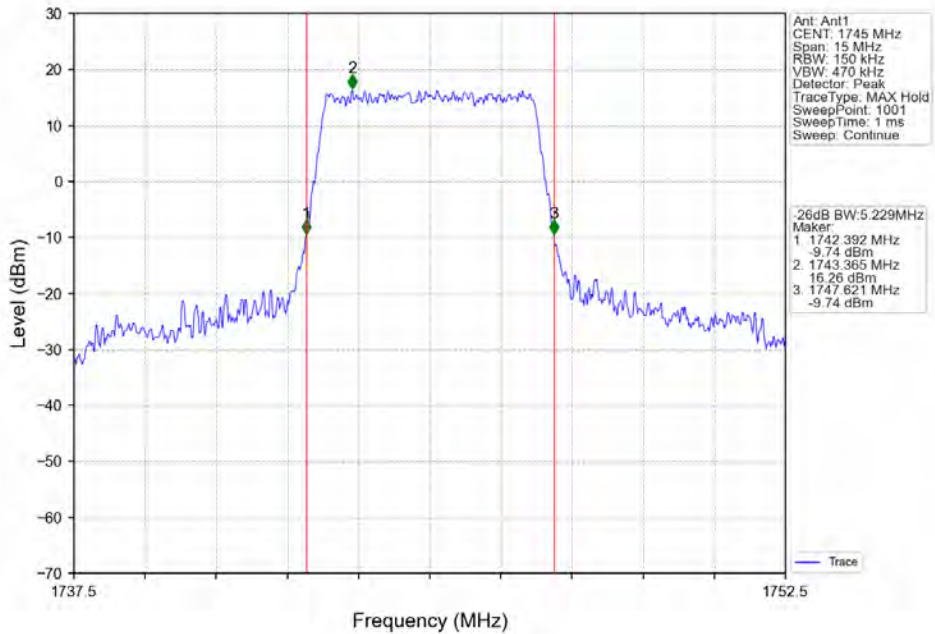
Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



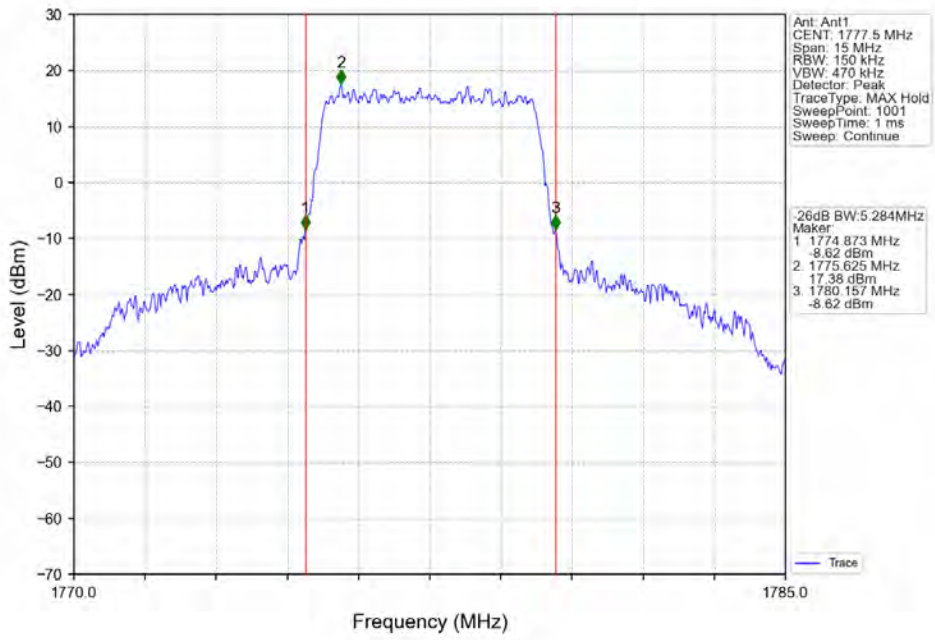
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



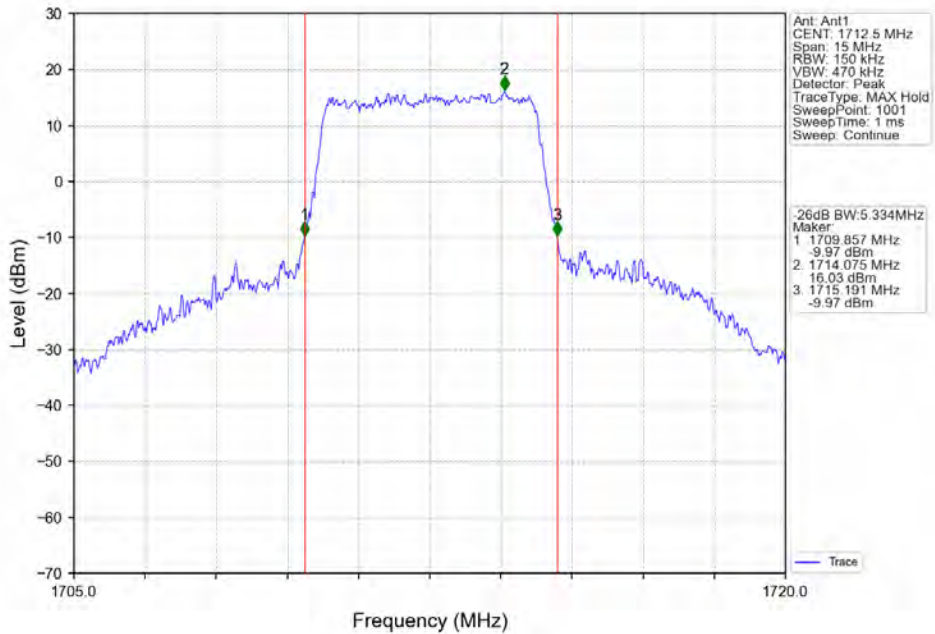
Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV



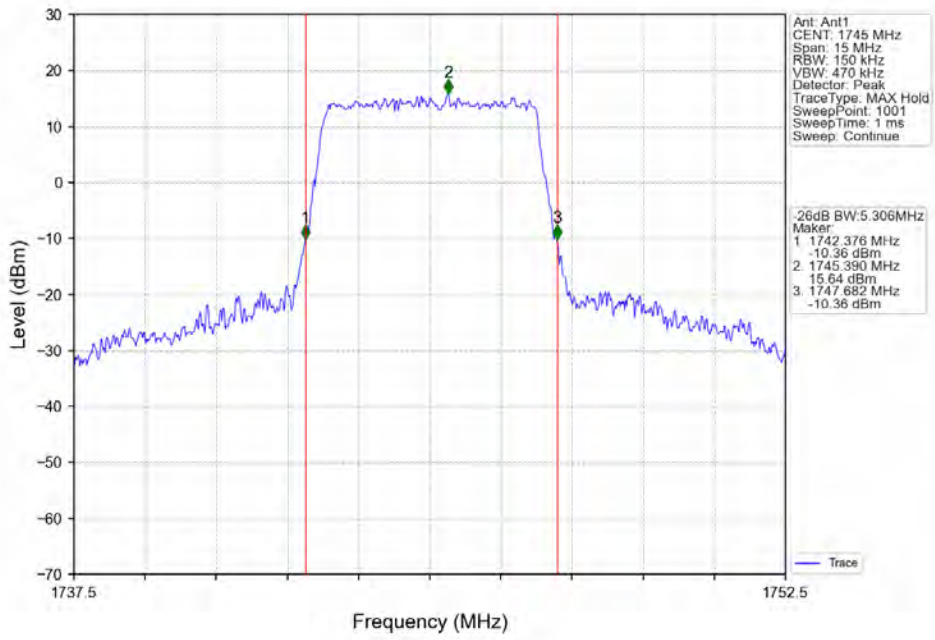
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



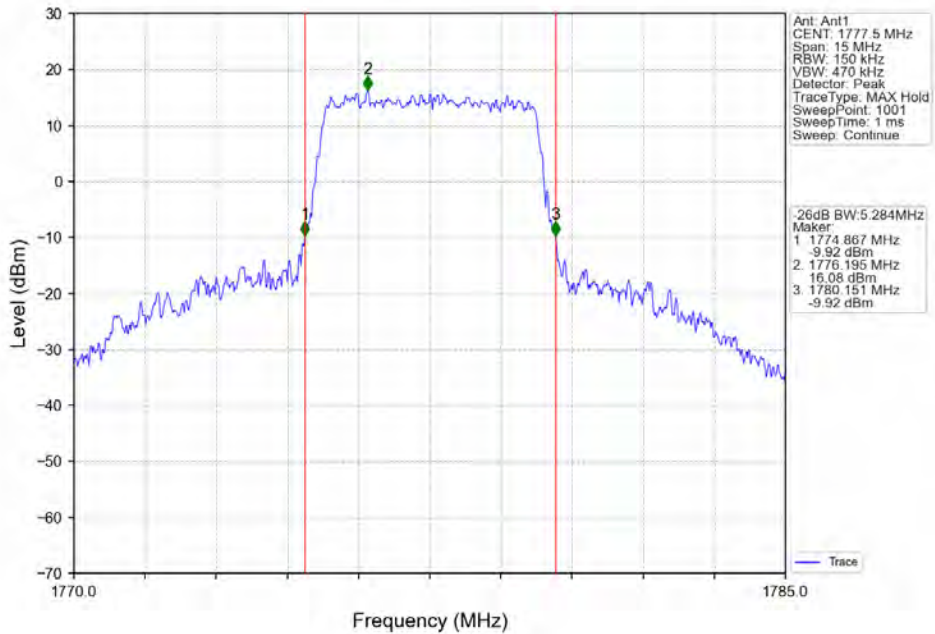
Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



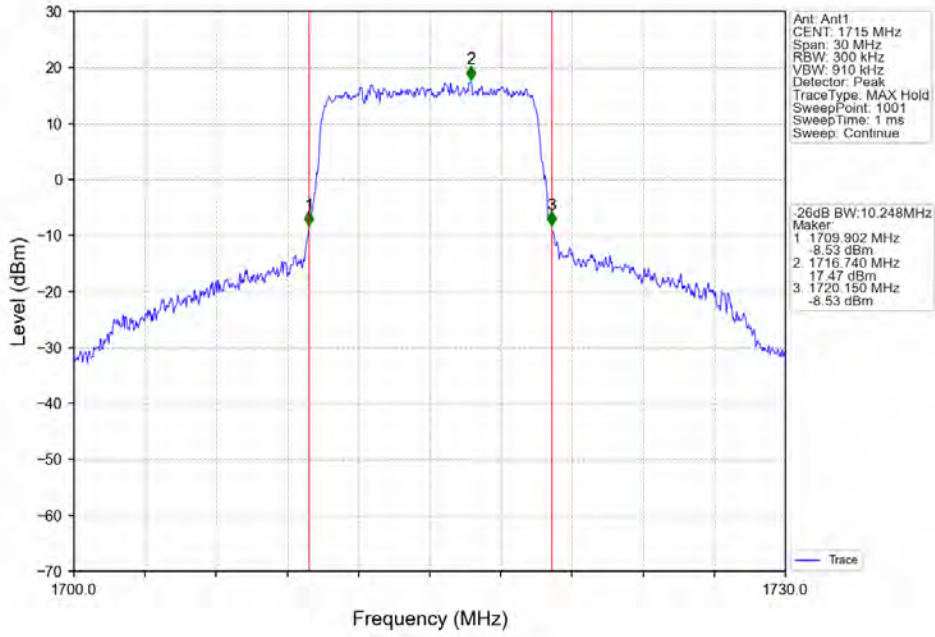
Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



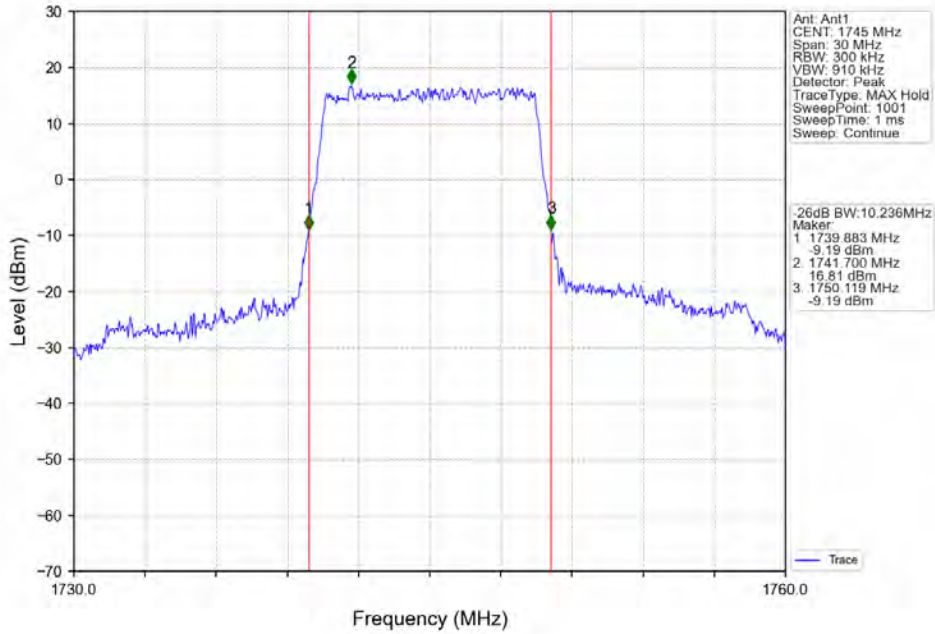
Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



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

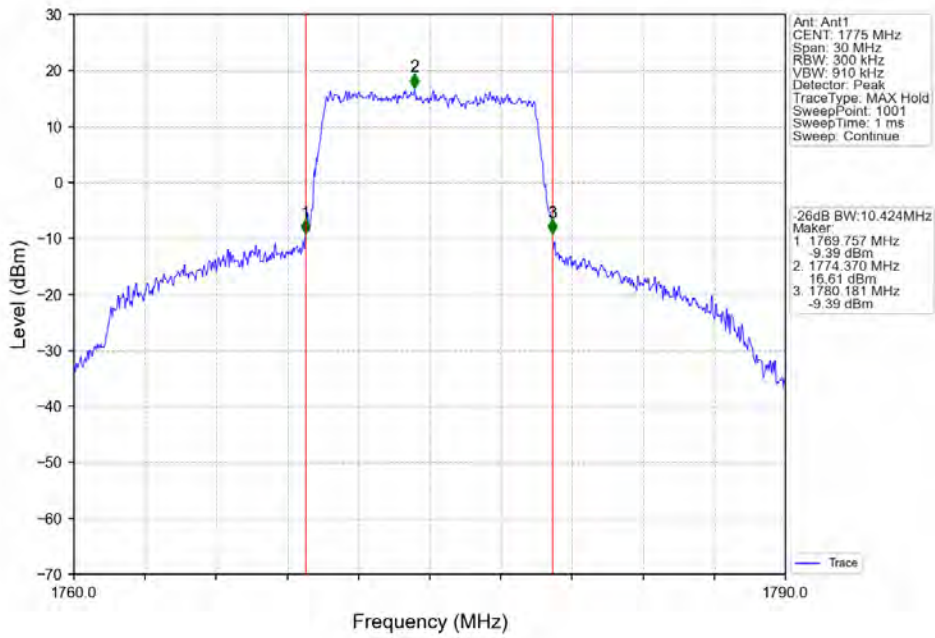


Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV

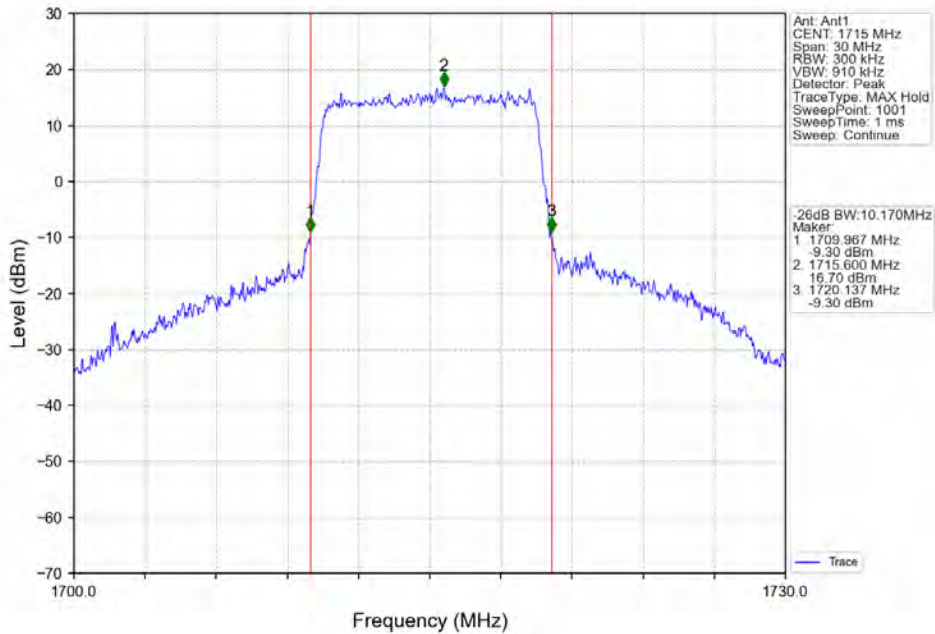




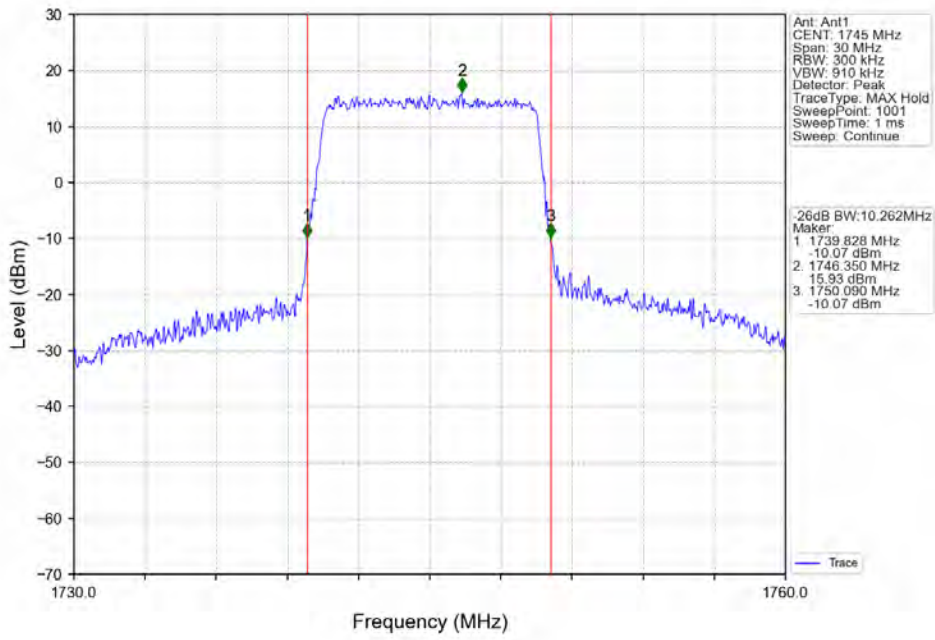
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



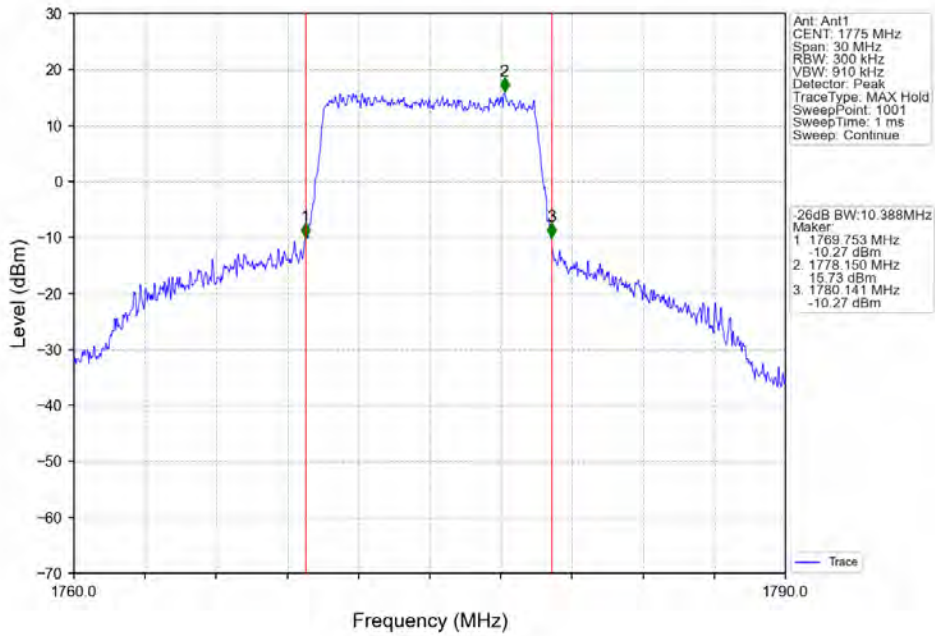
Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



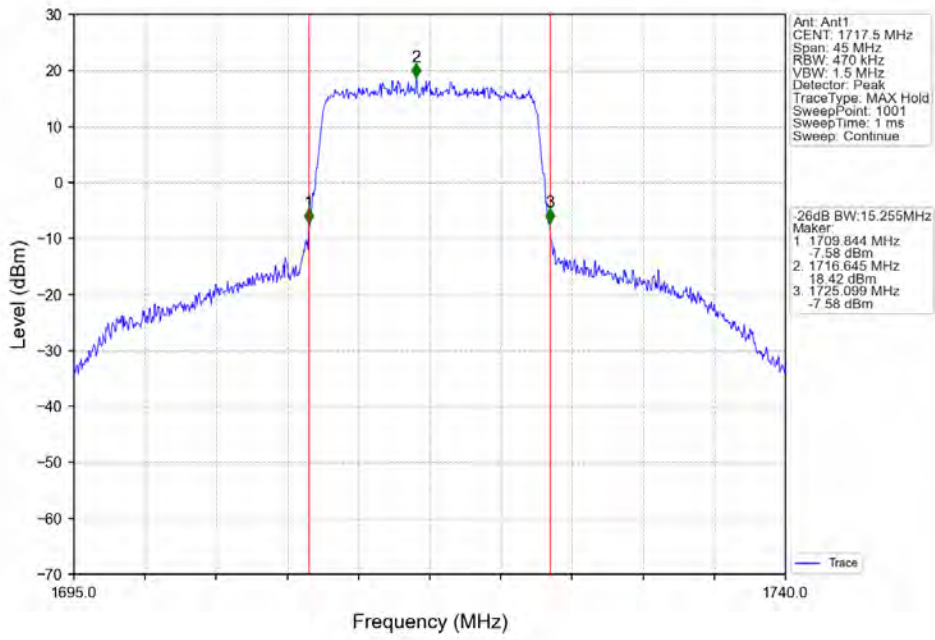
Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



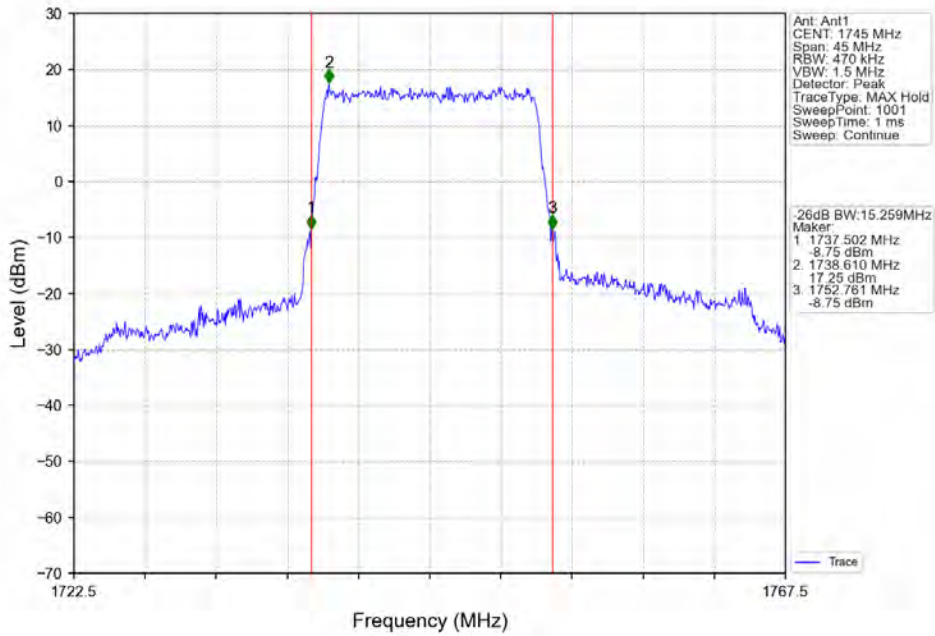
Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



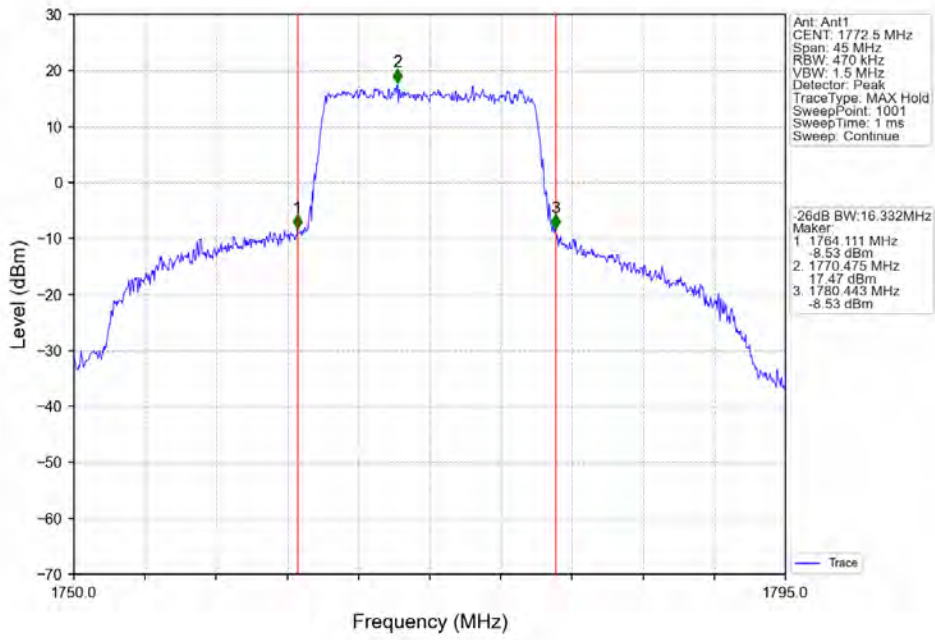
Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



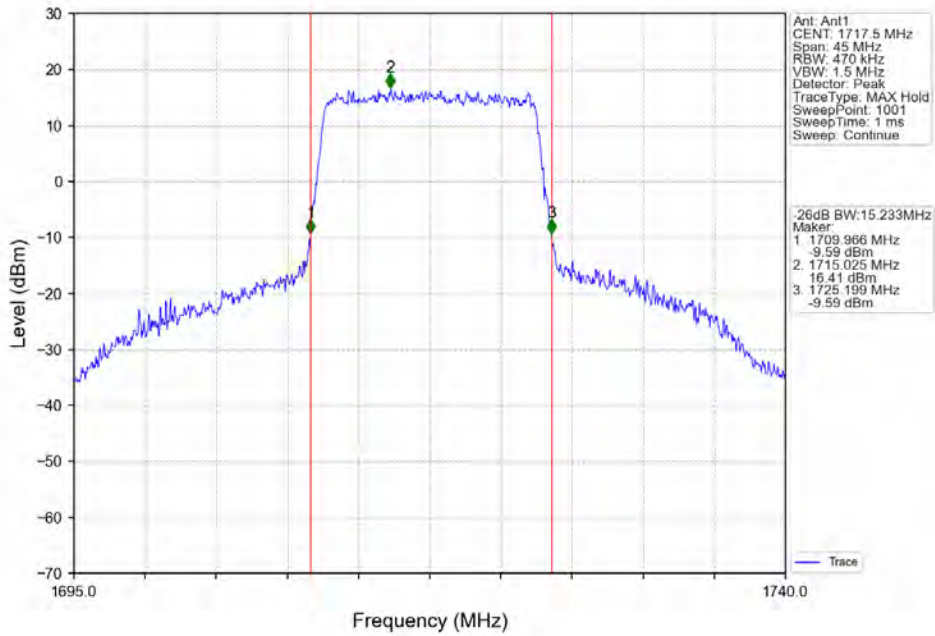
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



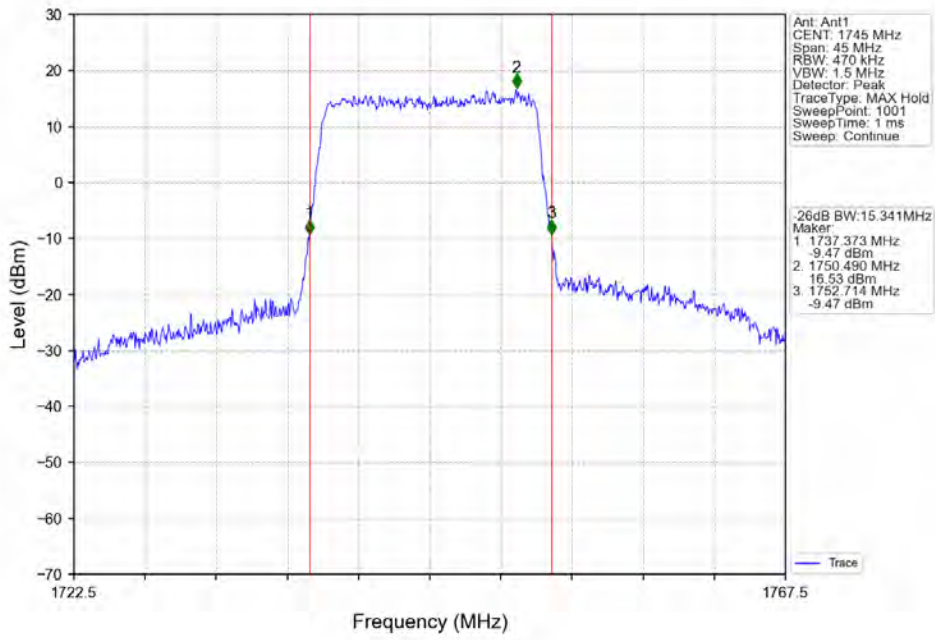
Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



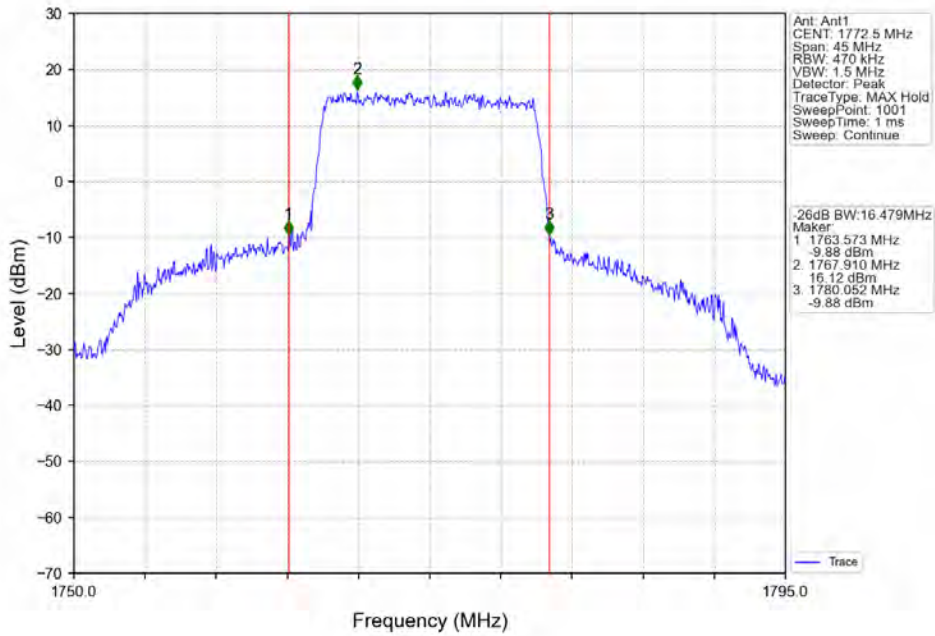
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



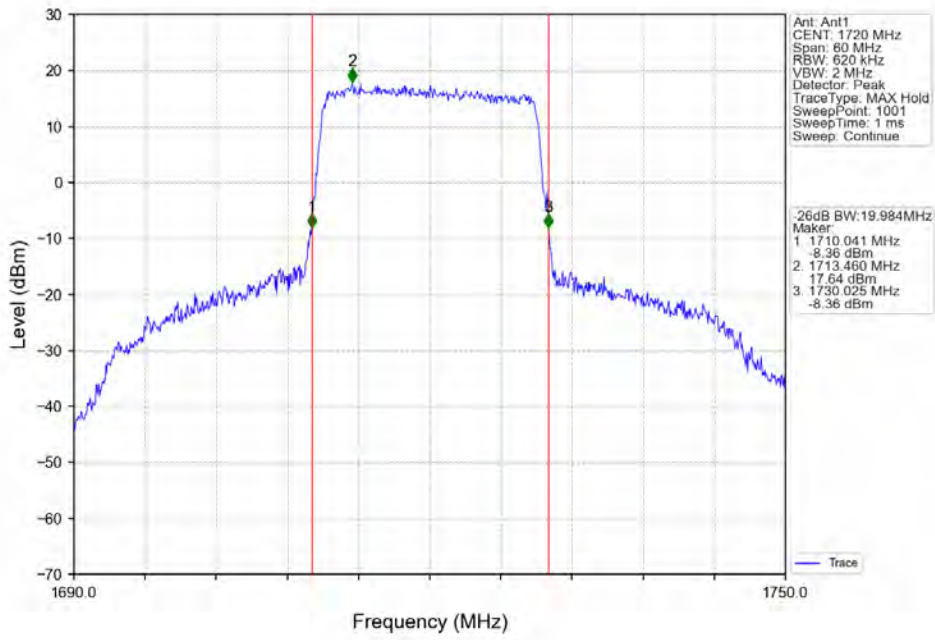
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



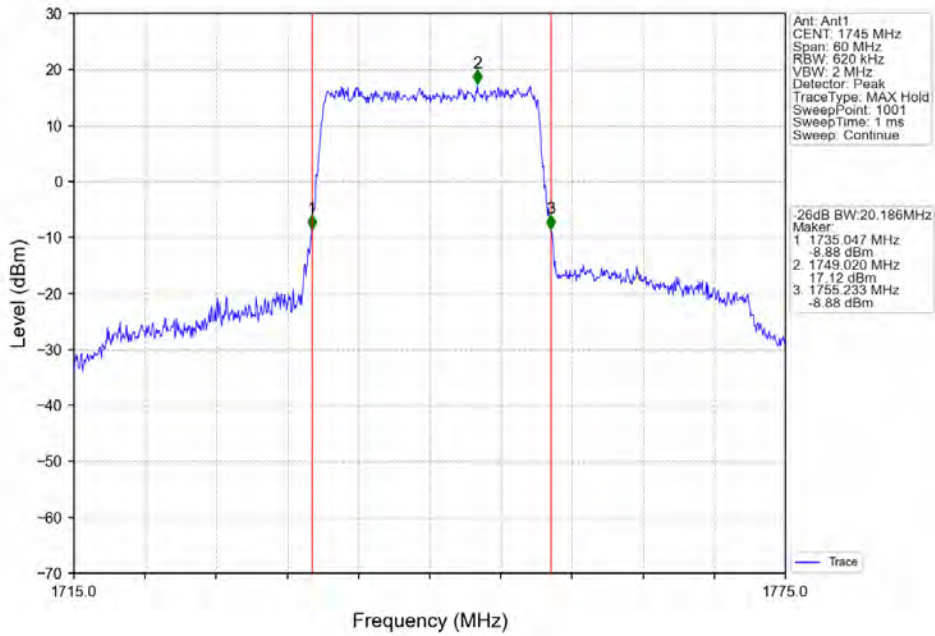
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



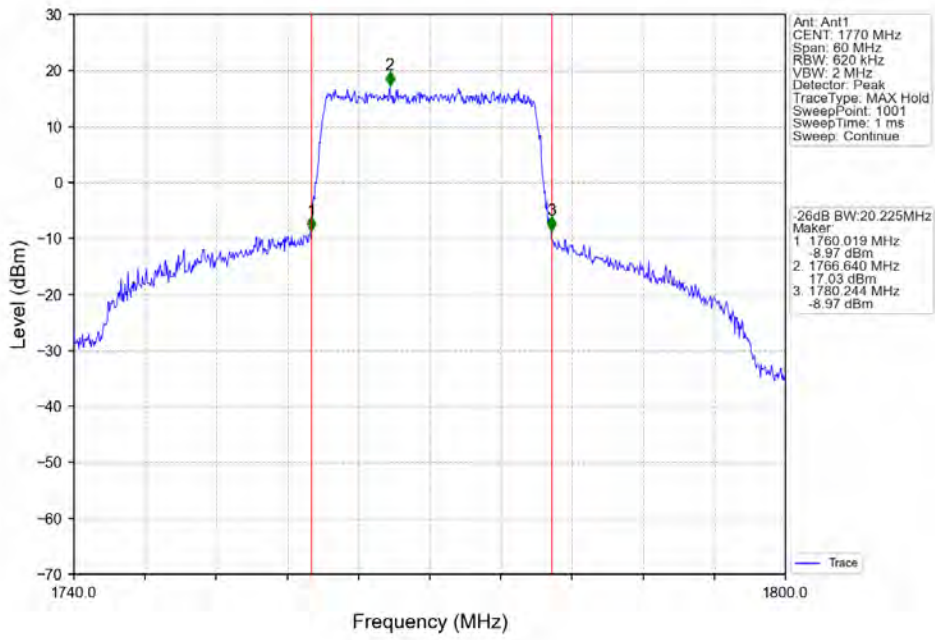
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



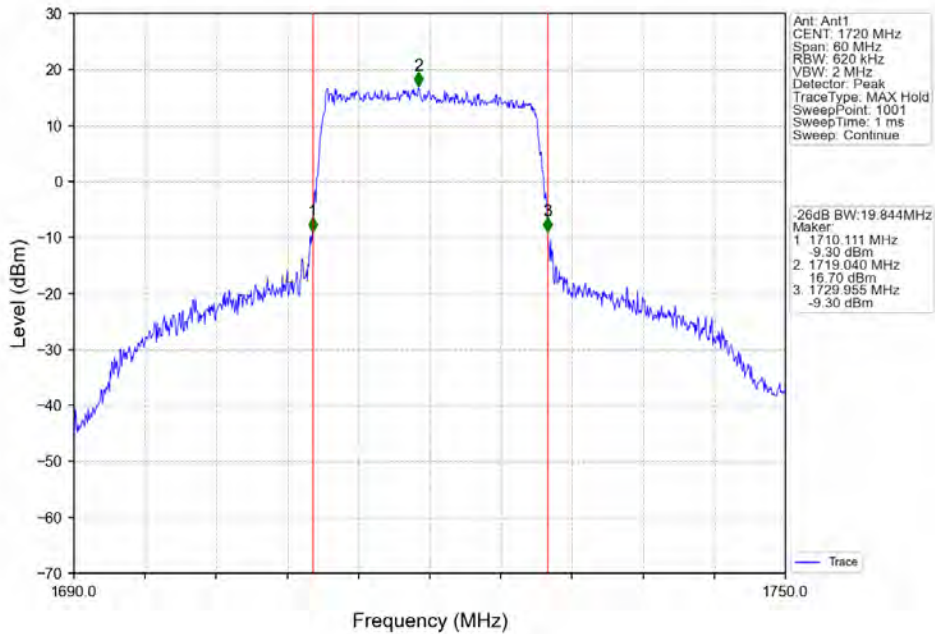
Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



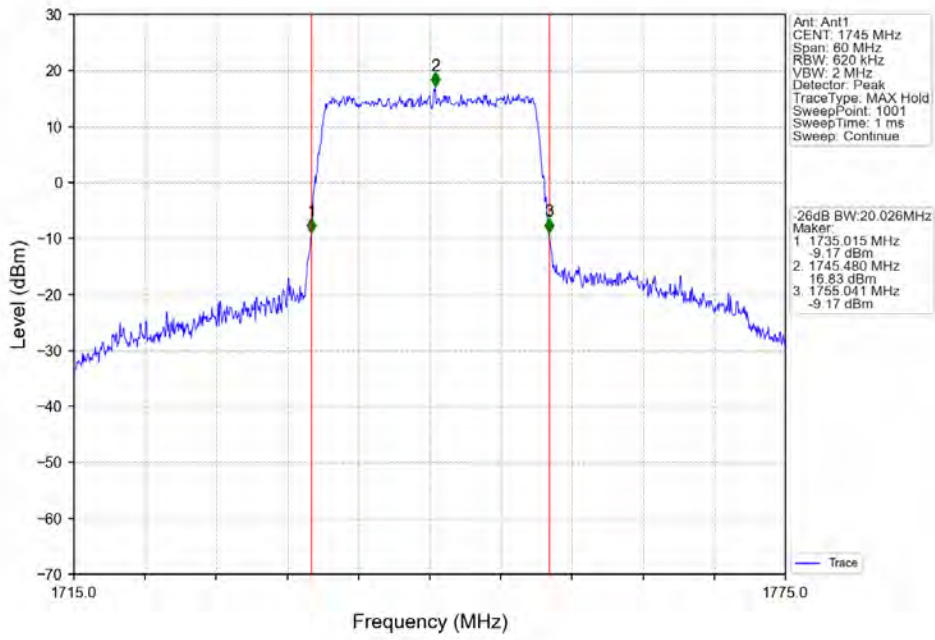
Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



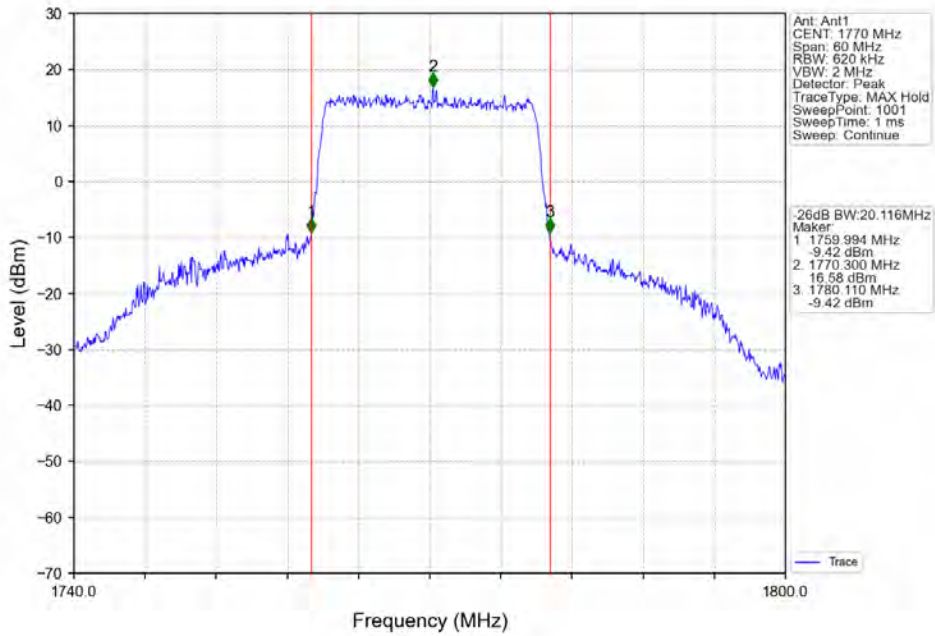
Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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



Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV





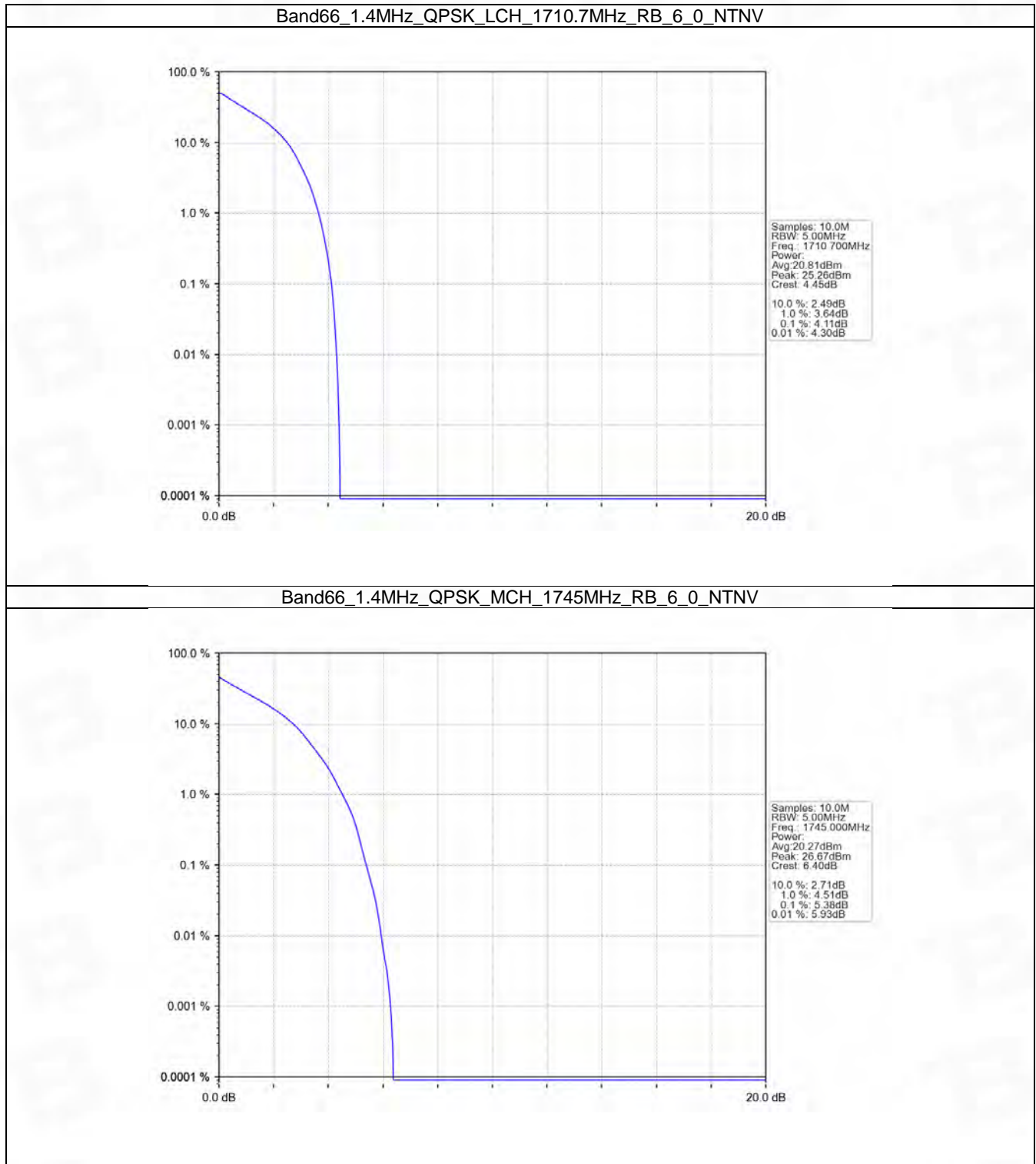
## 5. Peak-Average Ratio

### 5.1 B66\_1.4MHz

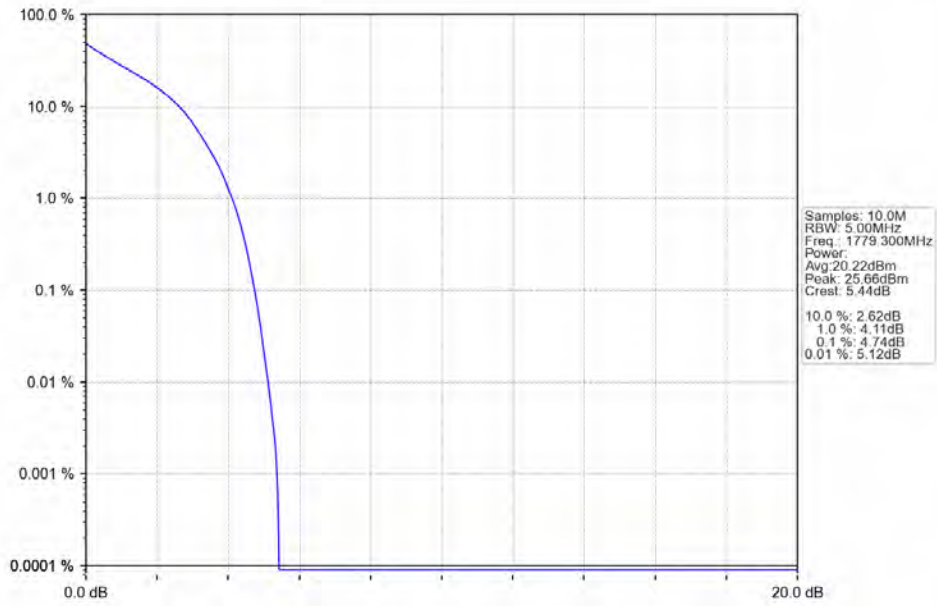
#### 5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.11	<=13	Pass
	1745	6	0	5.38	<=13	Pass
	1779.3	6	0	4.74	<=13	Pass
16QAM	1710.7	6	0	5.05	<=13	Pass
	1745	6	0	6.25	<=13	Pass
	1779.3	6	0	5.56	<=13	Pass

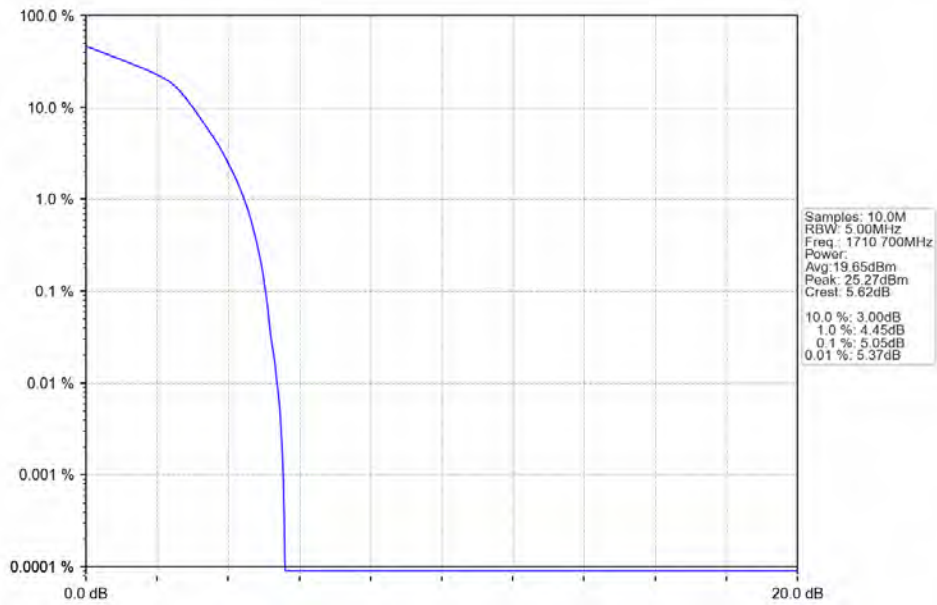
### 5.1.2 Test Graph



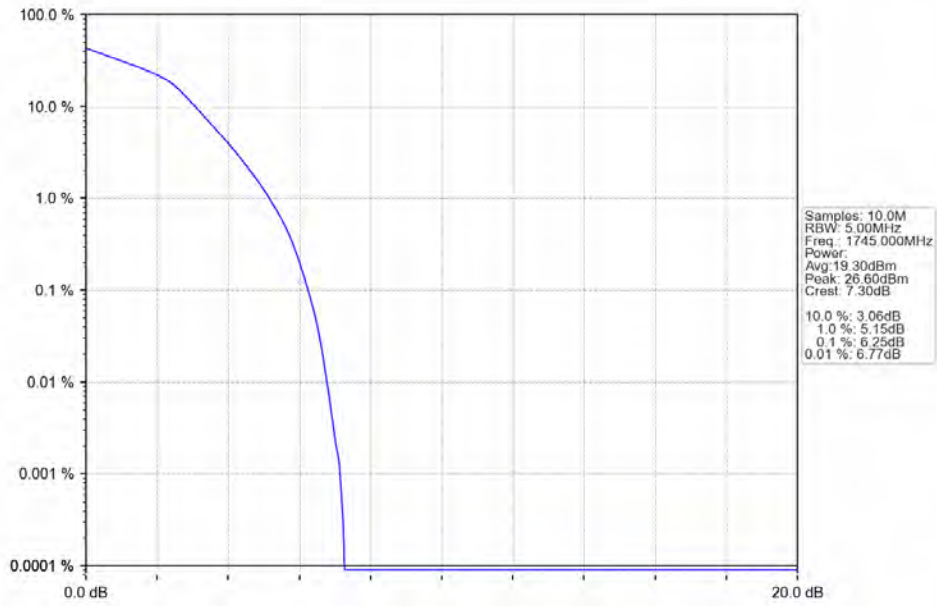
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



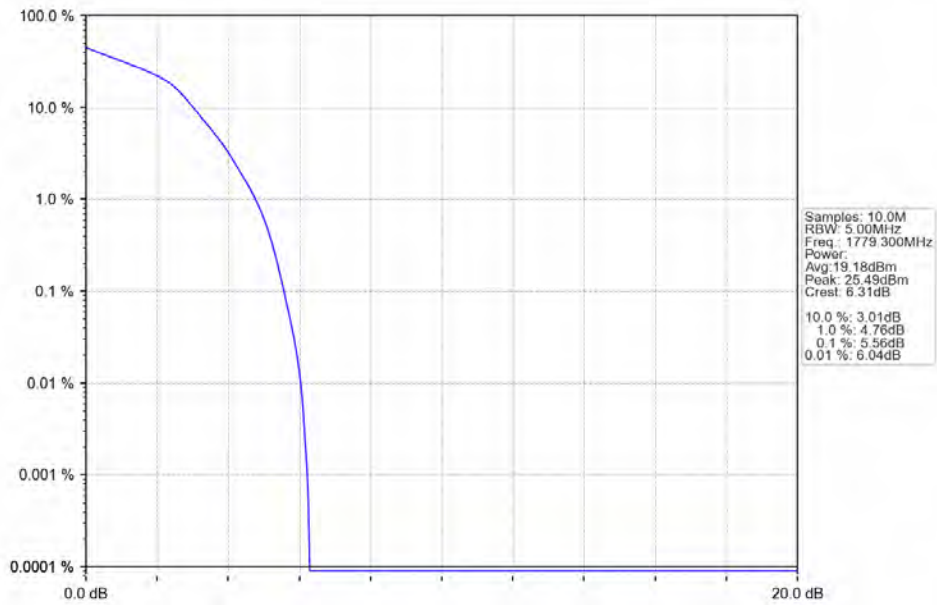
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



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



Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV

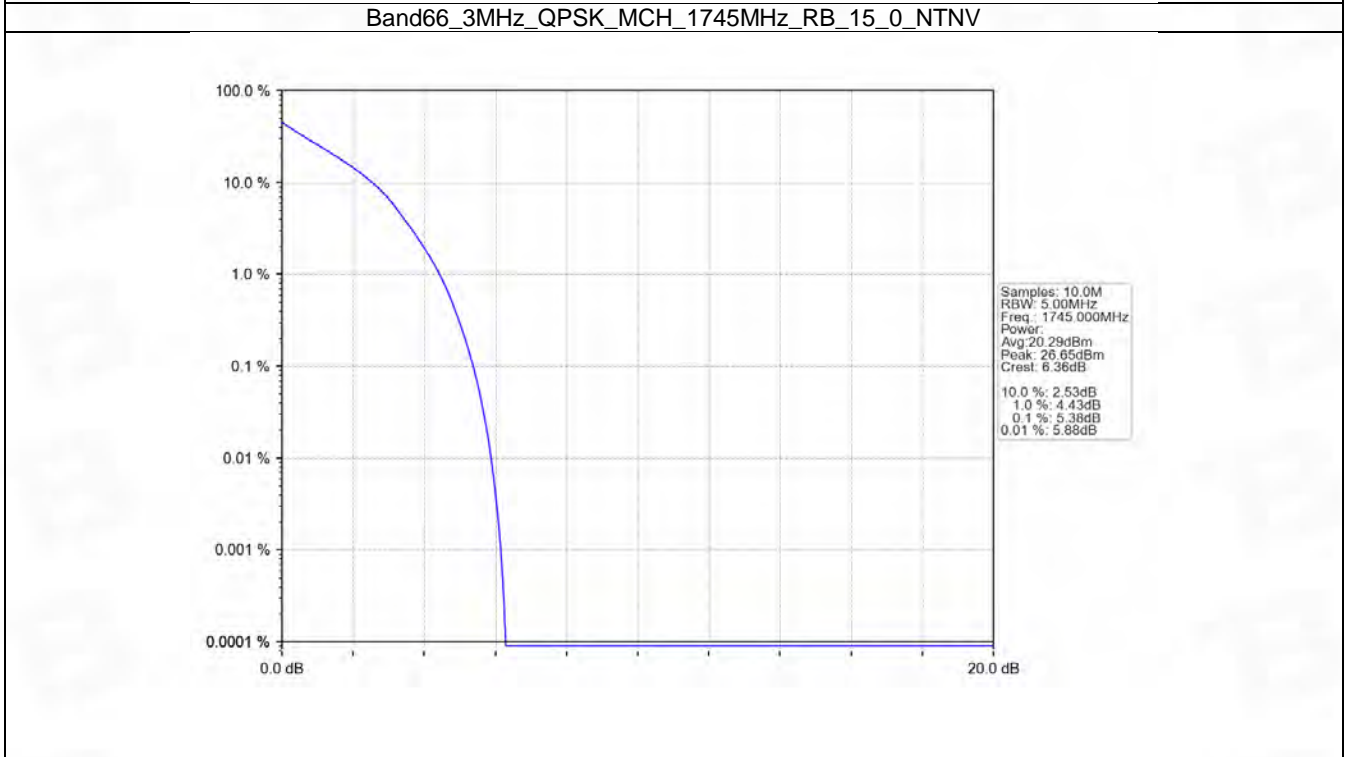
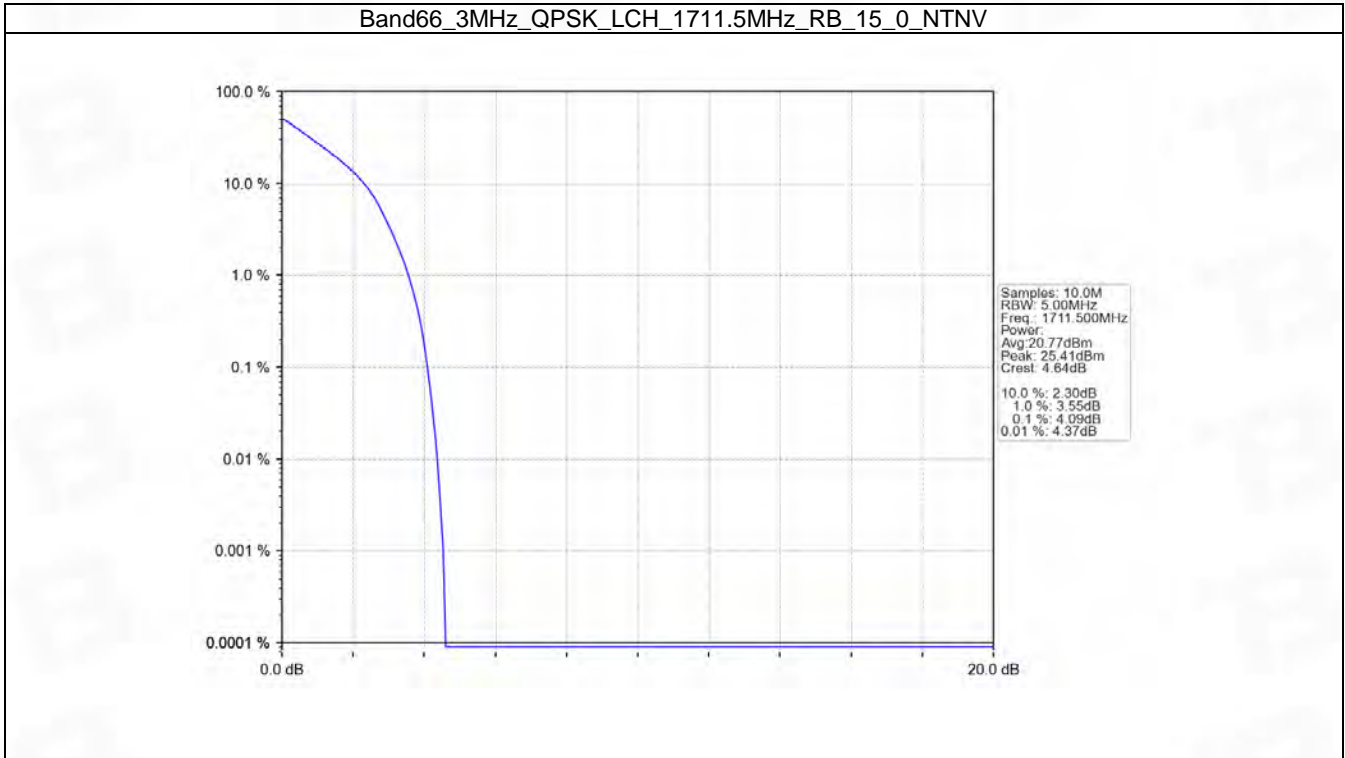


## 5.2 B66\_3MHz

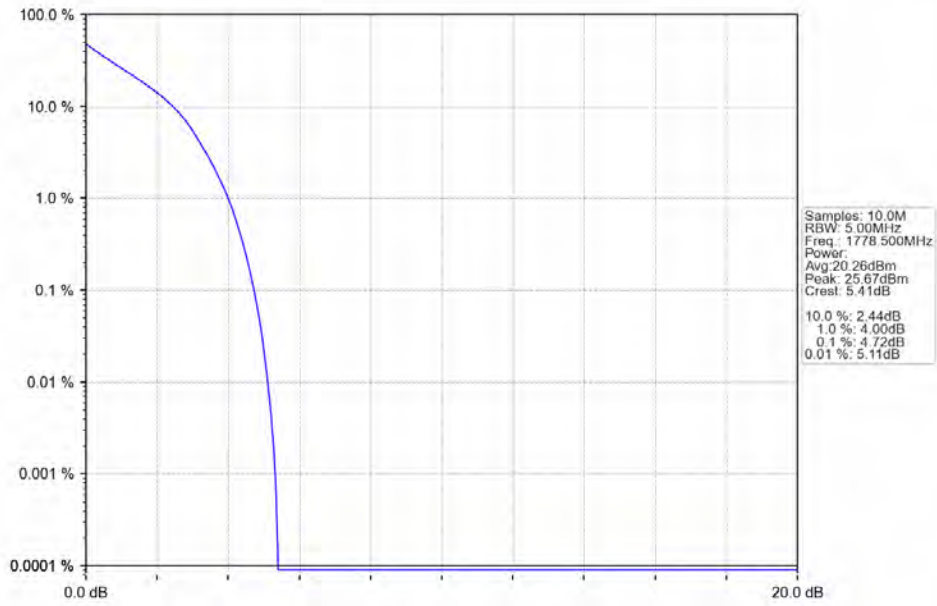
### 5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.09	<=13	Pass
	1745	15	0	5.38	<=13	Pass
	1778.5	15	0	4.72	<=13	Pass
16QAM	1711.5	15	0	4.99	<=13	Pass
	1745	15	0	6.24	<=13	Pass
	1778.5	15	0	5.56	<=13	Pass

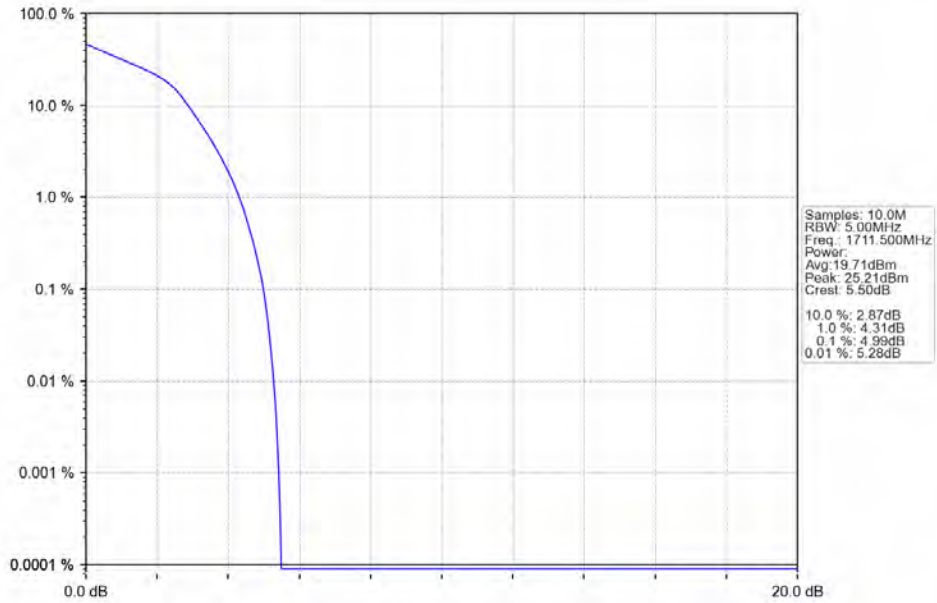
### 5.2.2 Test Graph



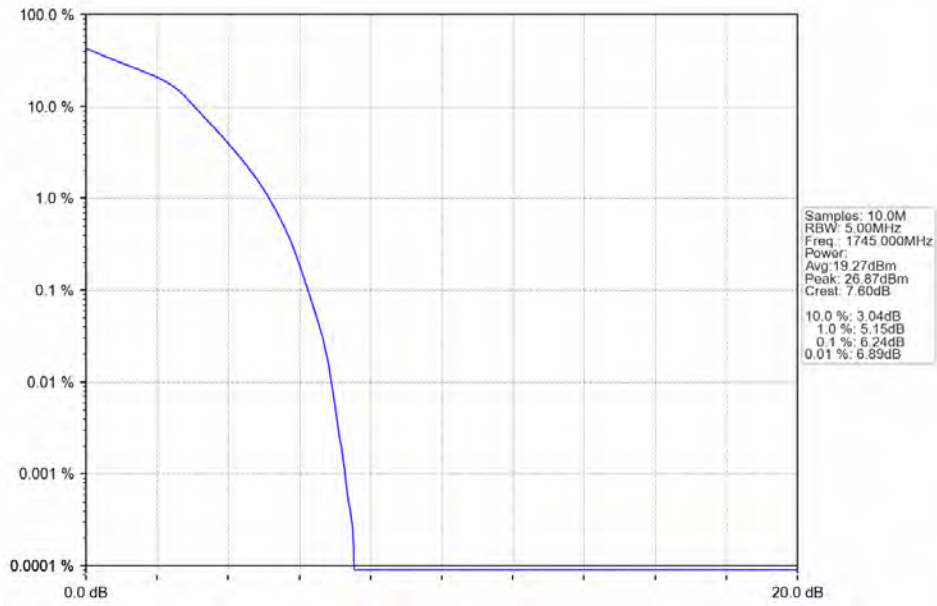
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



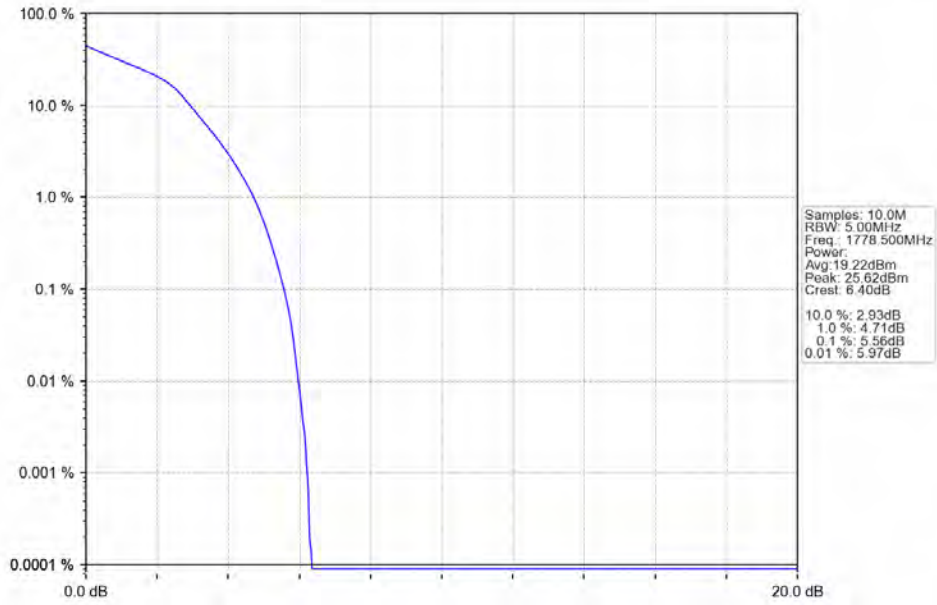
Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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



Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



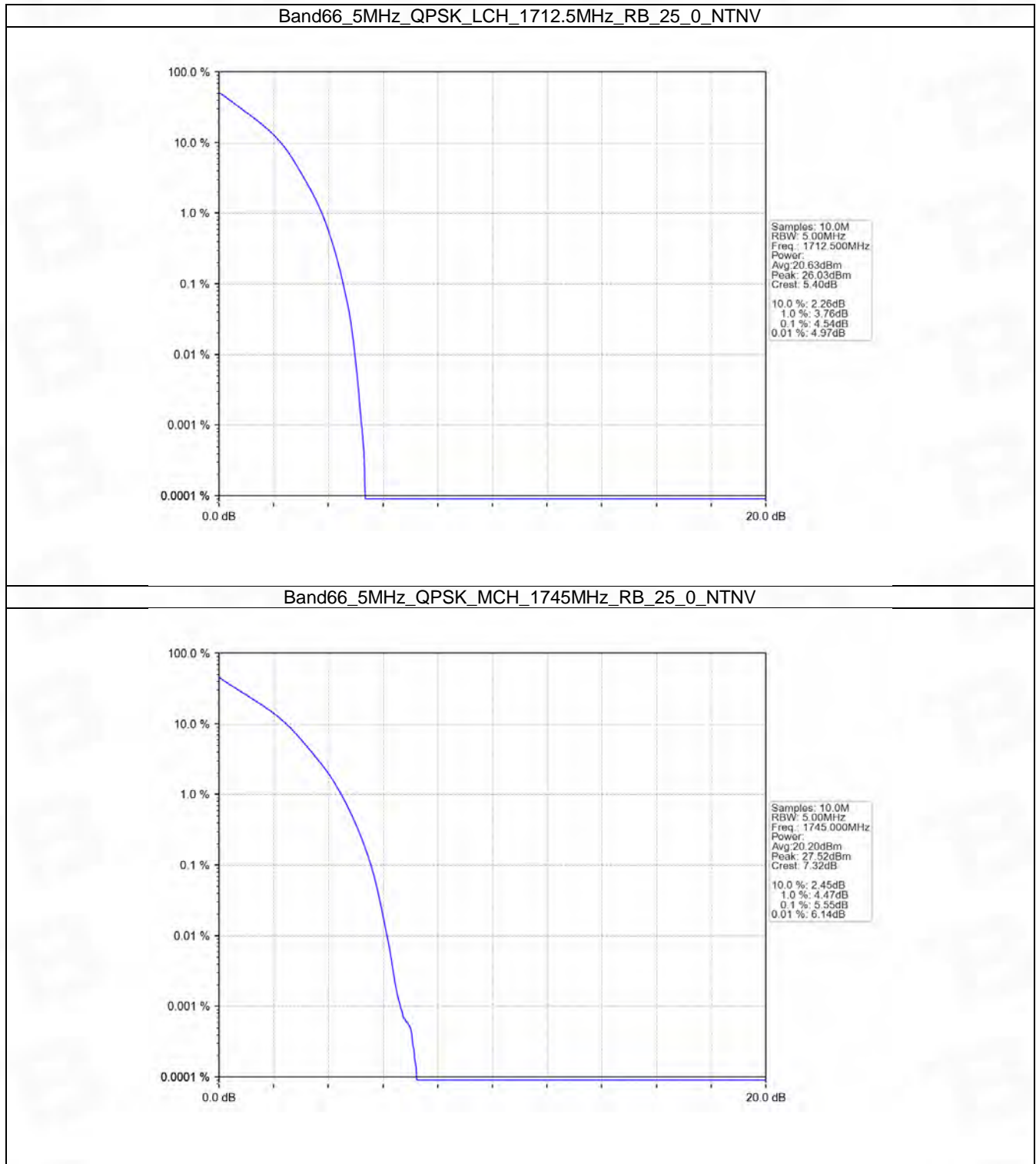


### 5.3 B66\_5MHz

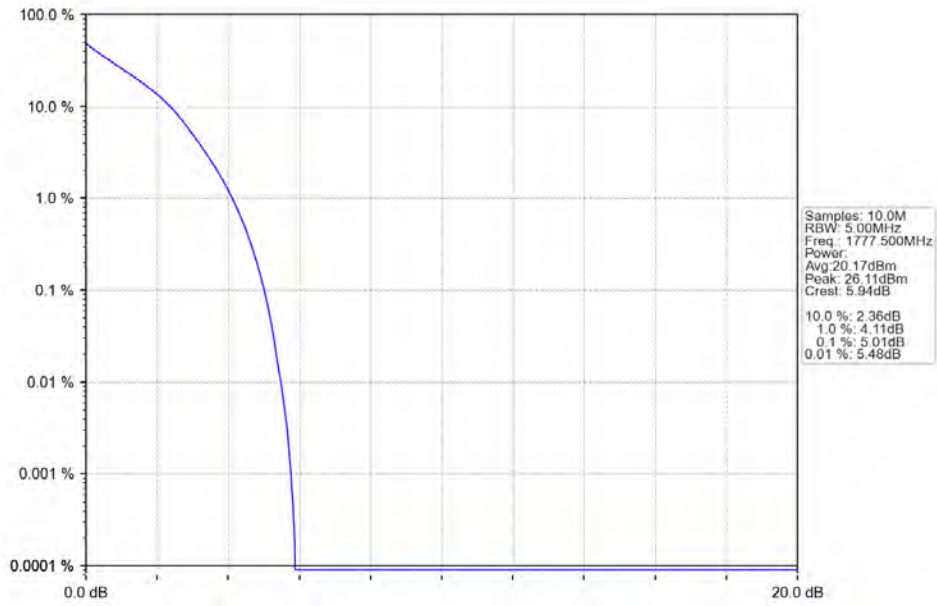
#### 5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.54	<=13	Pass
	1745	25	0	5.55	<=13	Pass
	1777.5	25	0	5.01	<=13	Pass
16QAM	1712.5	25	0	5.31	<=13	Pass
	1745	25	0	6.28	<=13	Pass
	1777.5	25	0	5.72	<=13	Pass

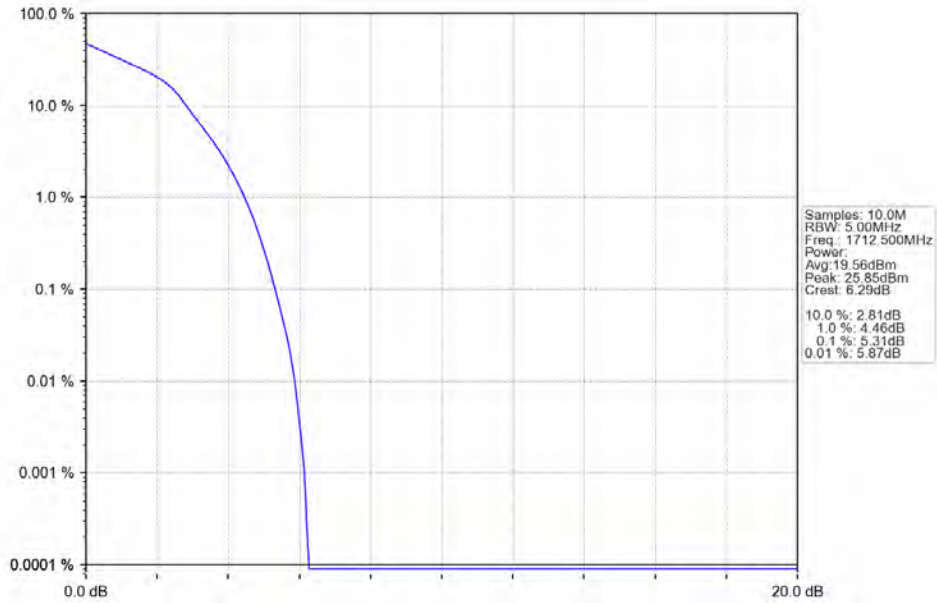
### 5.3.2 Test Graph



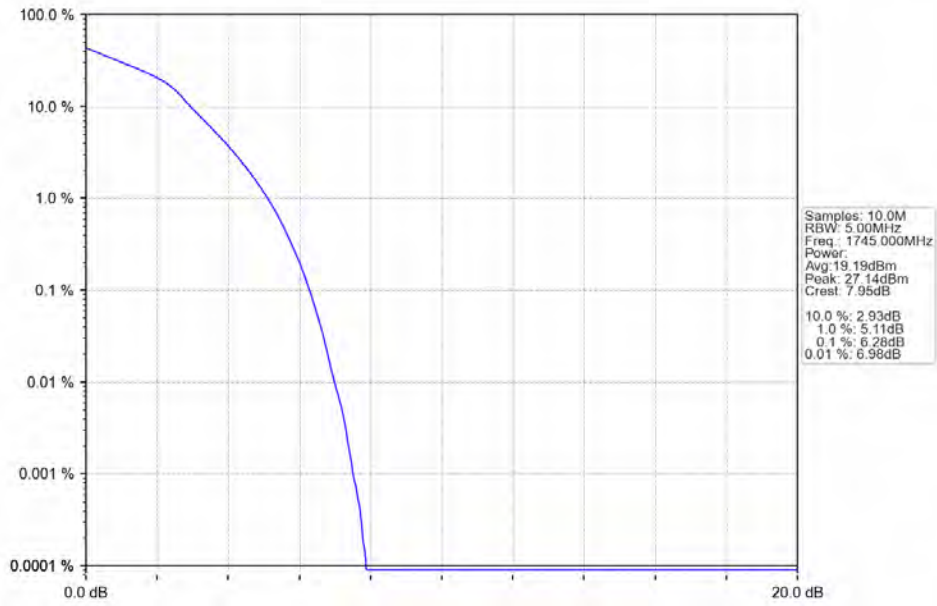
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



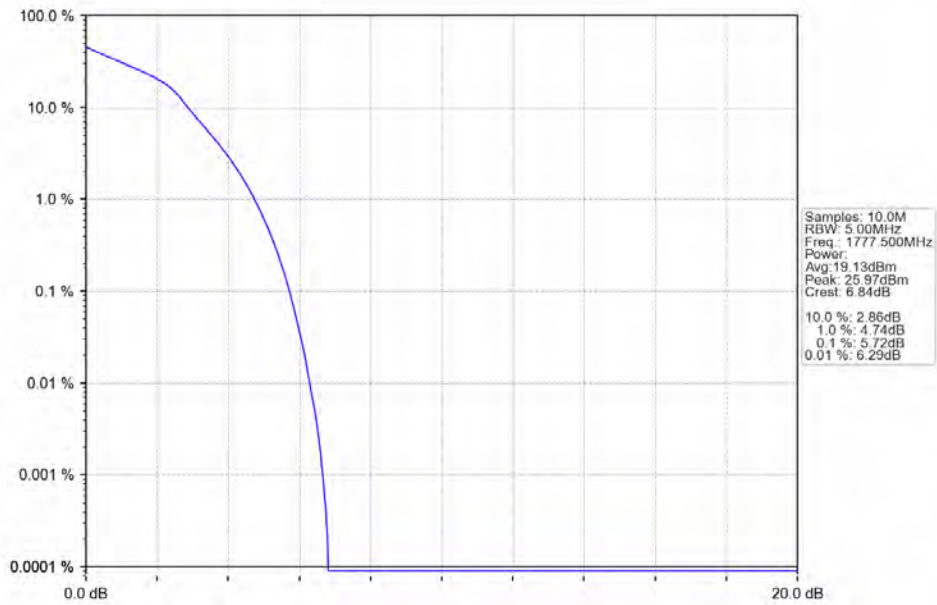
Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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



Band66\_5MHz\_16QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV

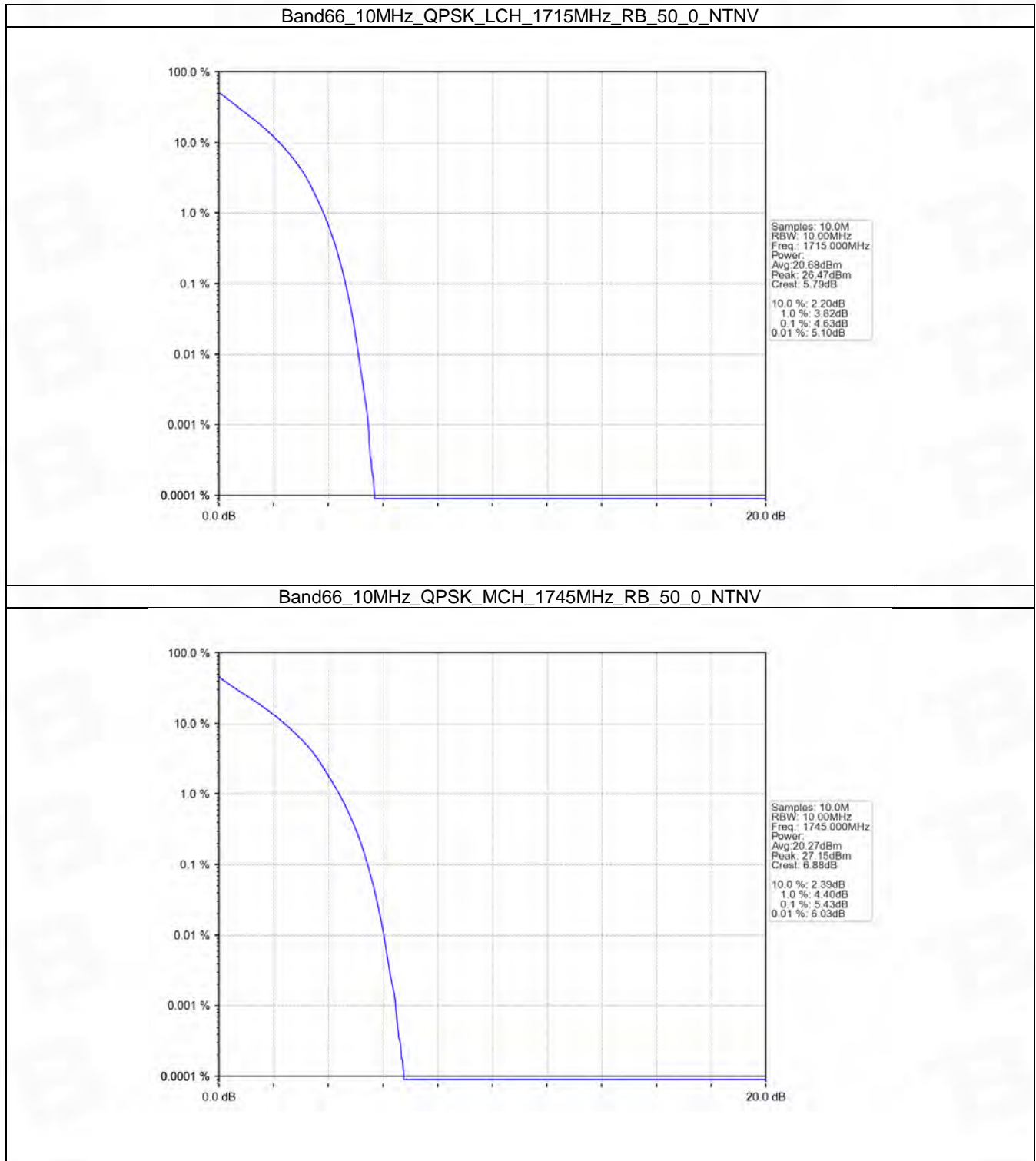


## 5.4 B66\_10MHz

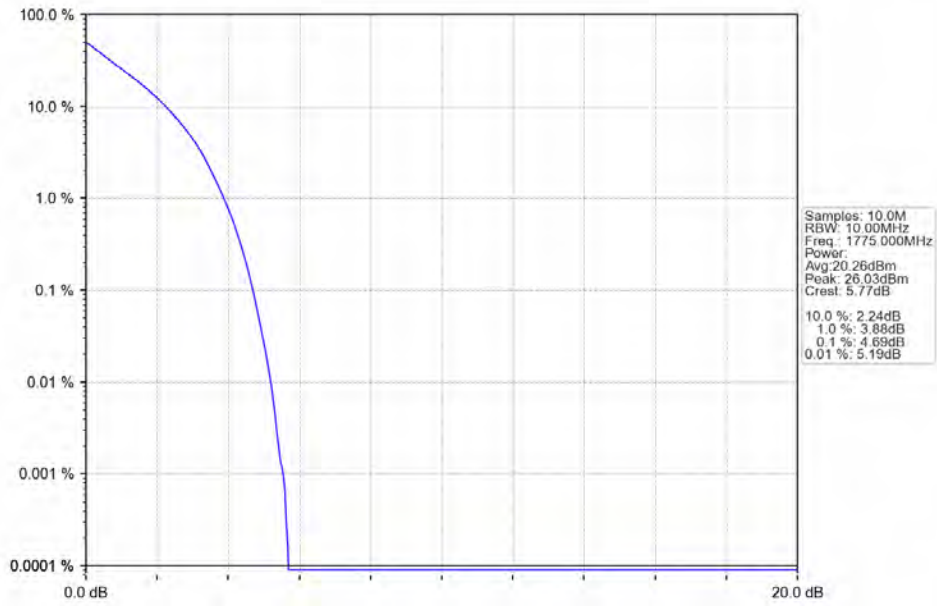
### 5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.63	<=13	Pass
	1745	50	0	5.43	<=13	Pass
	1775	50	0	4.69	<=13	Pass
16QAM	1715	50	0	5.43	<=13	Pass
	1745	50	0	6.25	<=13	Pass
	1775	50	0	5.43	<=13	Pass

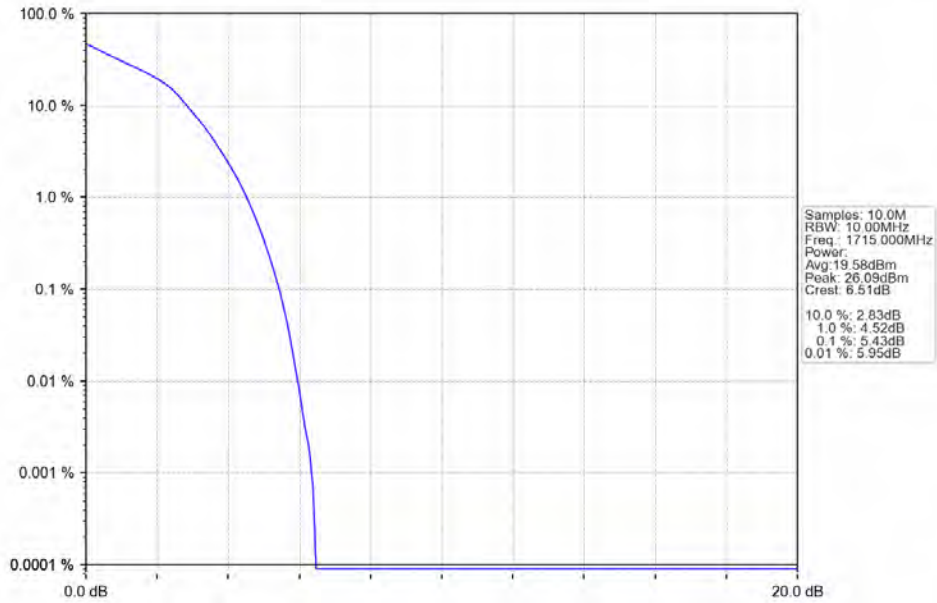
## 5.4.2 Test Graph



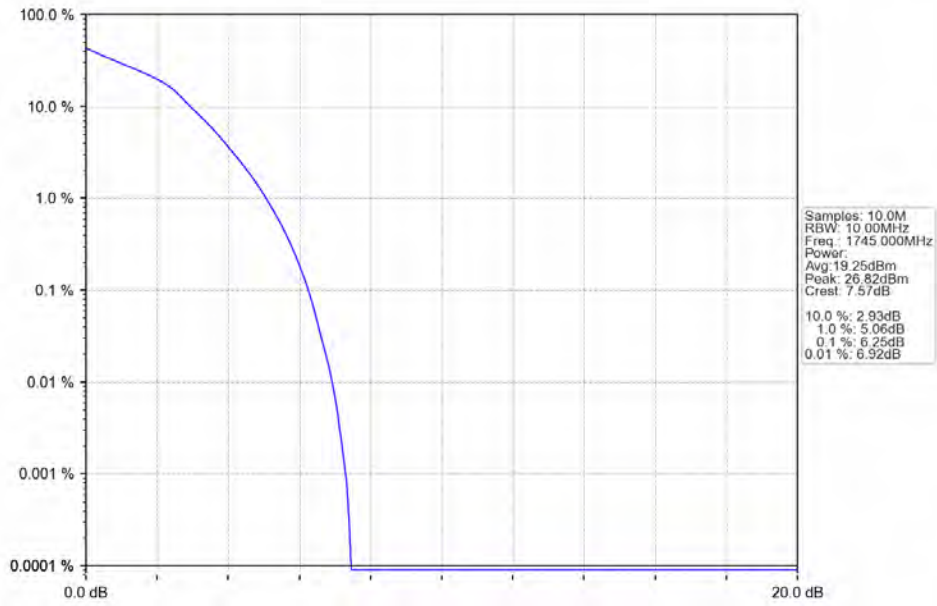
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



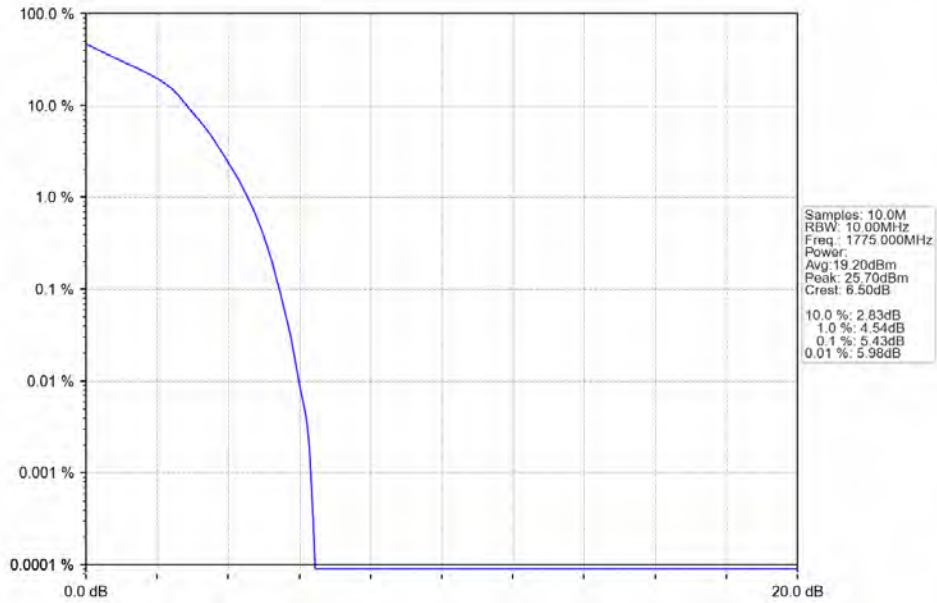
Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



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



Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



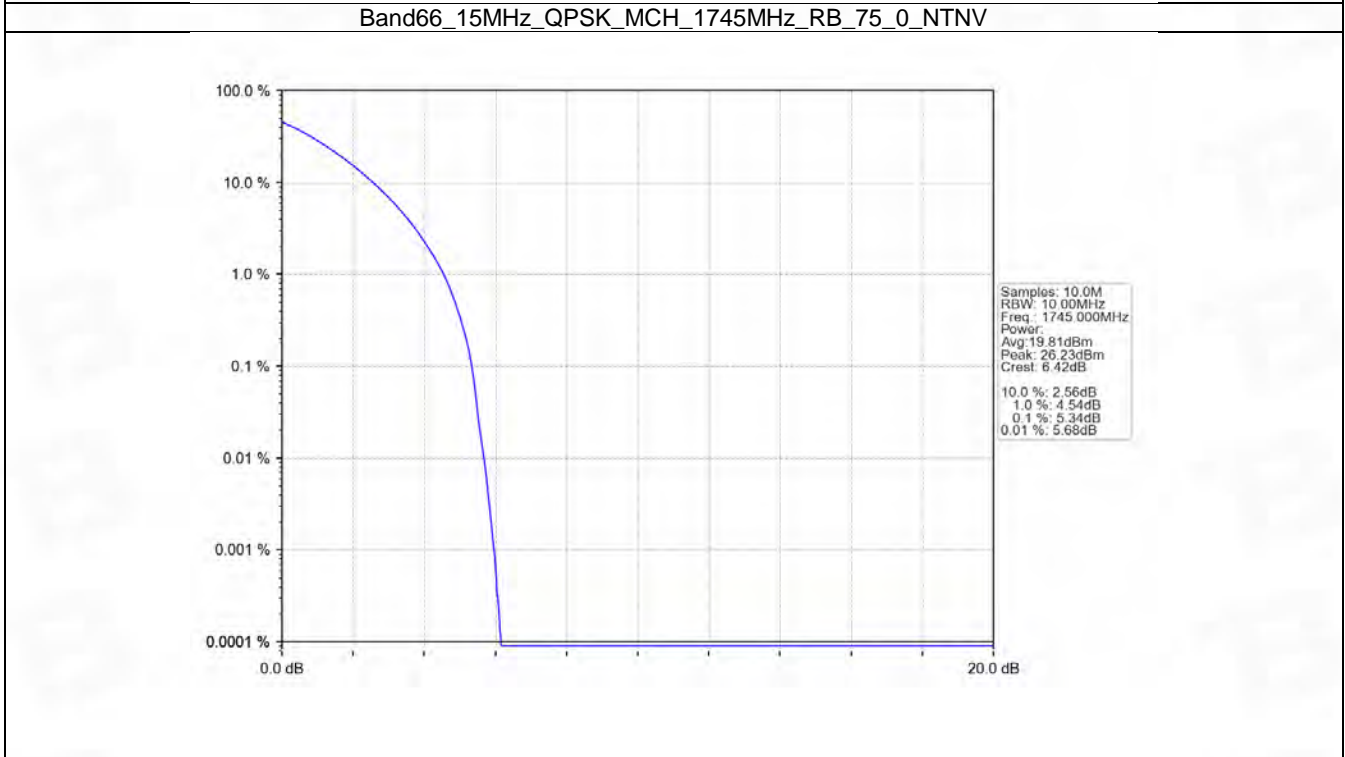
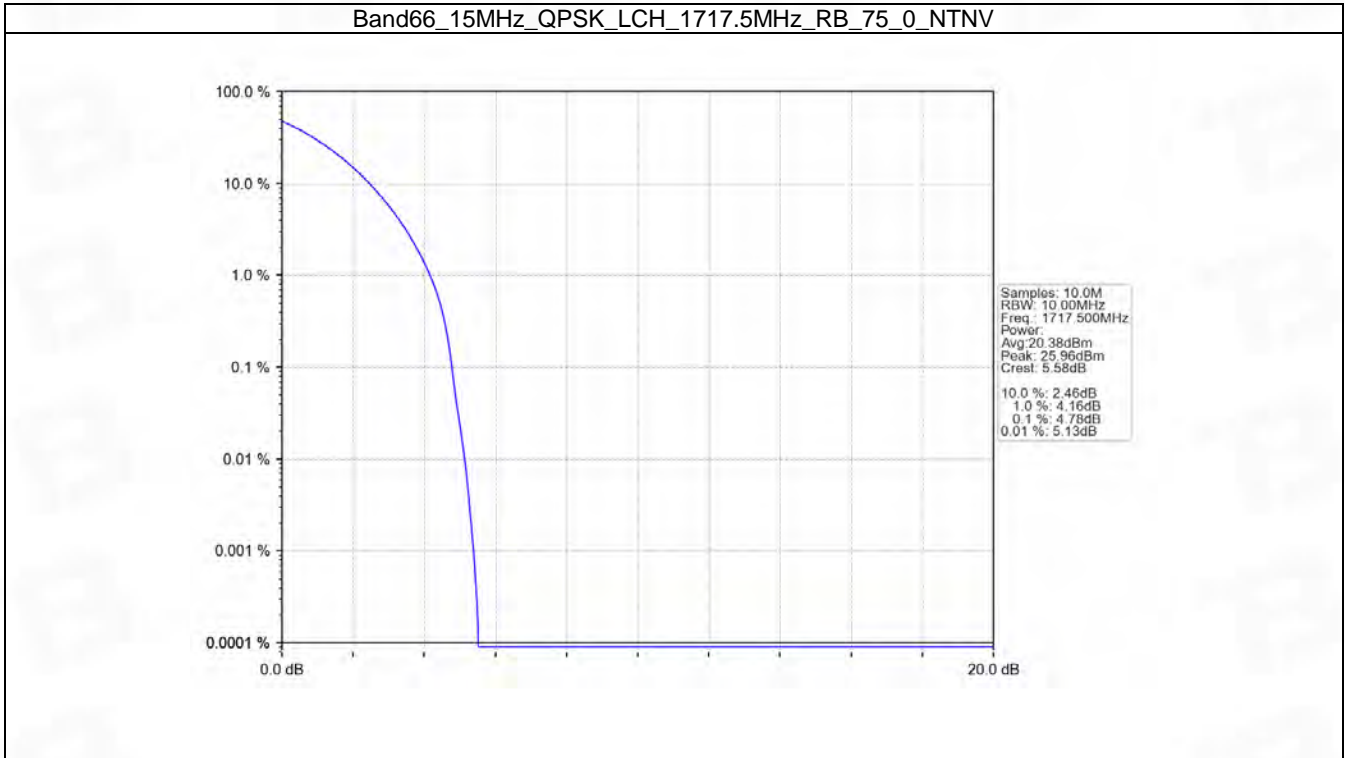


## 5.5 B66\_15MHz

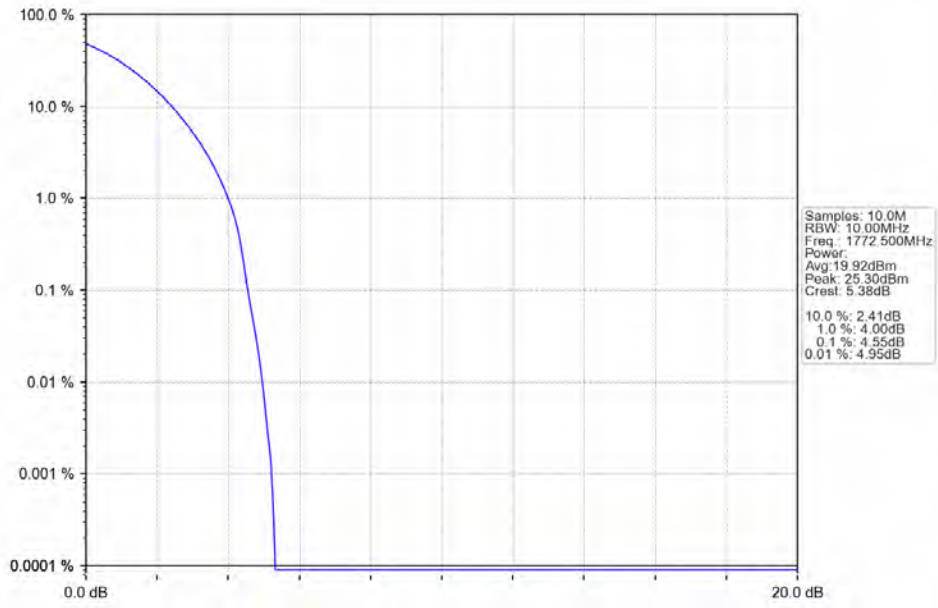
### 5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.78	<=13	Pass
	1745	75	0	5.34	<=13	Pass
	1772.5	75	0	4.55	<=13	Pass
16QAM	1717.5	75	0	5.66	<=13	Pass
	1745	75	0	6.14	<=13	Pass
	1772.5	75	0	5.37	<=13	Pass

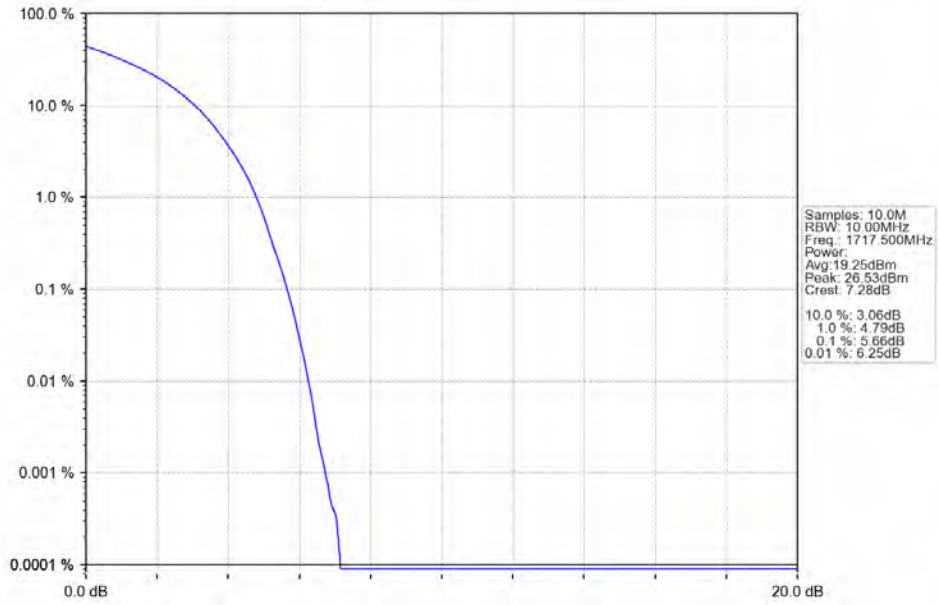
### 5.5.2 Test Graph



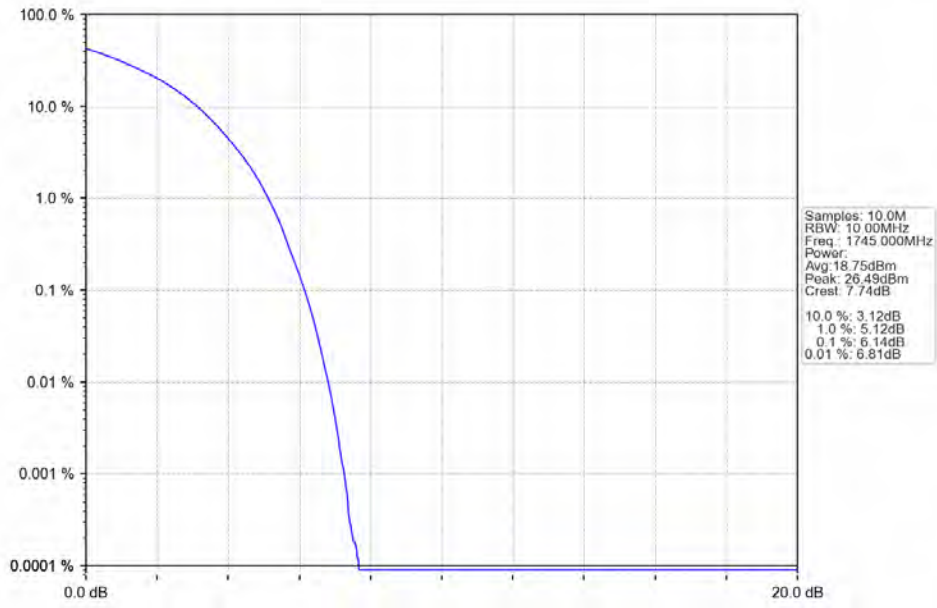
Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



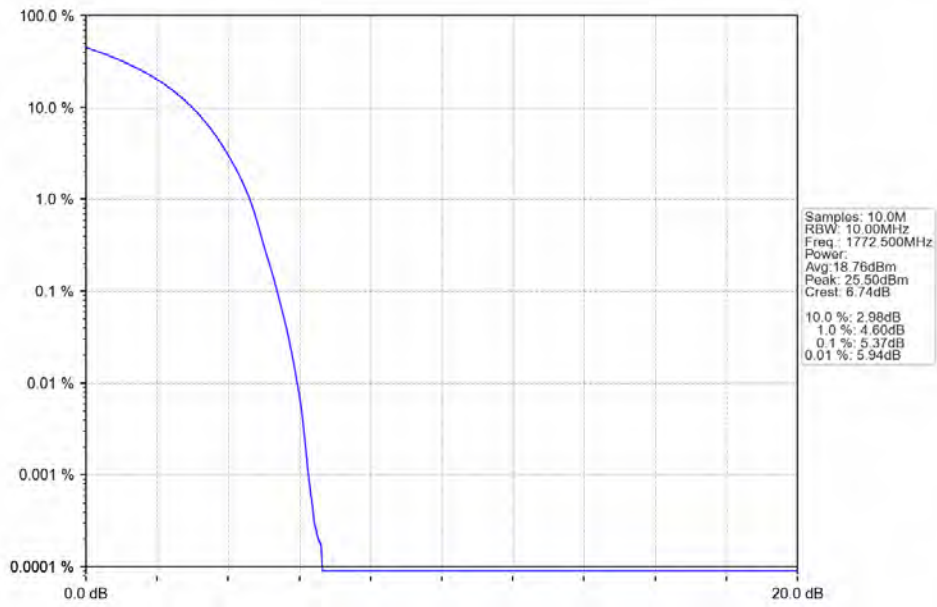
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



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



Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV

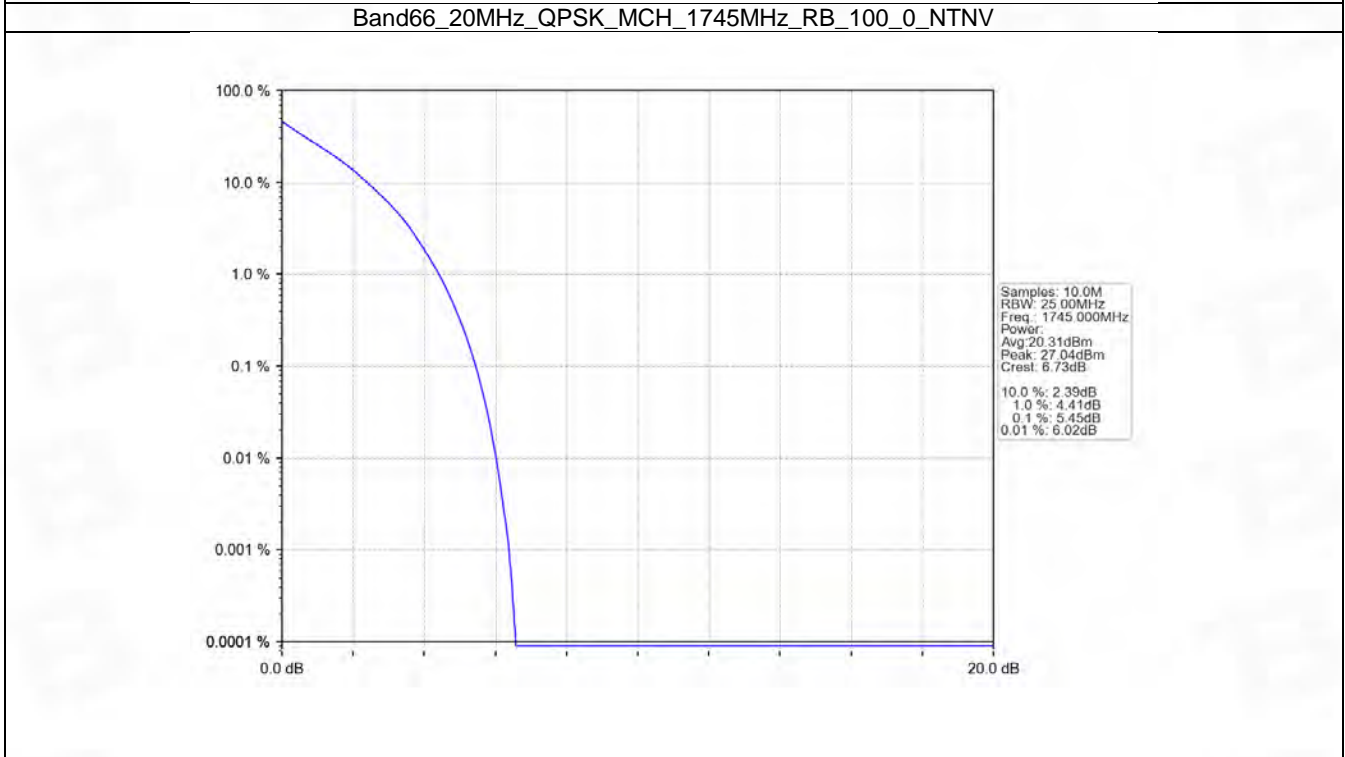
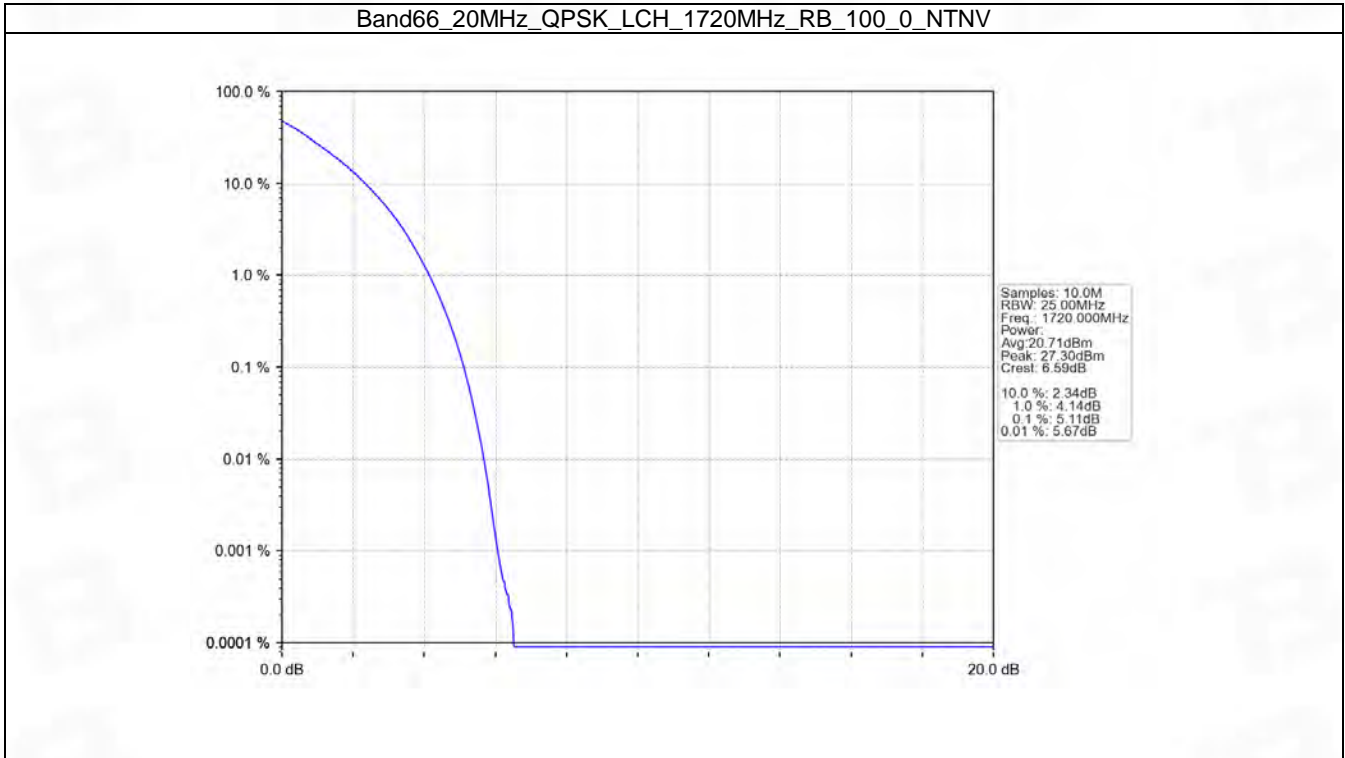


## 5.6 B66\_20MHz

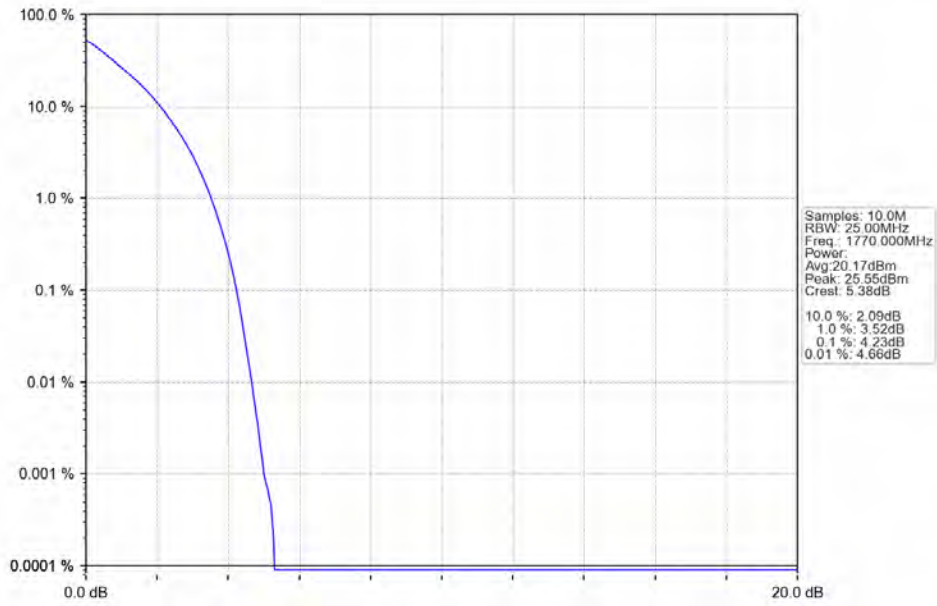
### 5.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.11	<=13	Pass
	1745	100	0	5.45	<=13	Pass
	1770	100	0	4.23	<=13	Pass
16QAM	1720	100	0	5.83	<=13	Pass
	1745	100	0	6.24	<=13	Pass
	1770	100	0	5.04	<=13	Pass

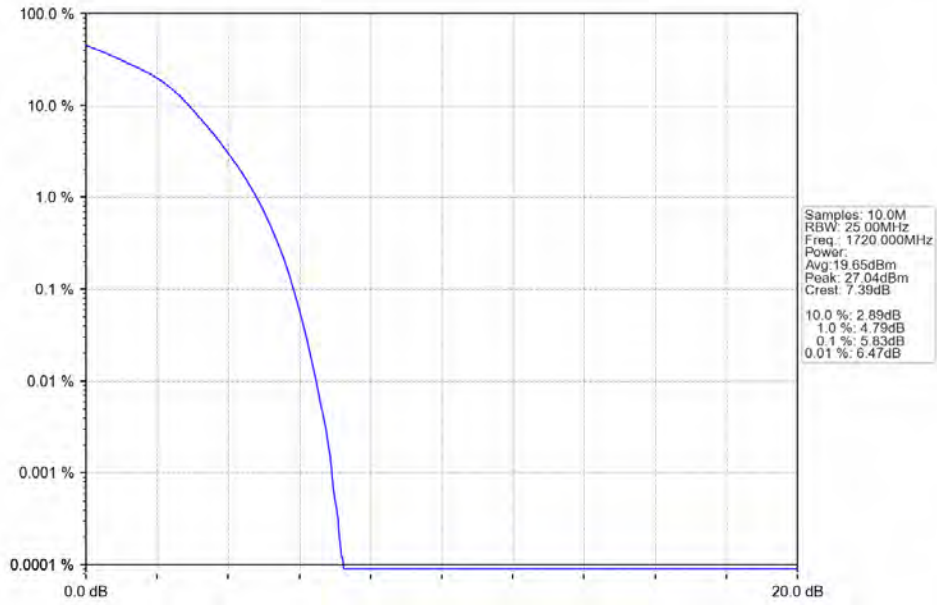
### 5.6.2 Test Graph



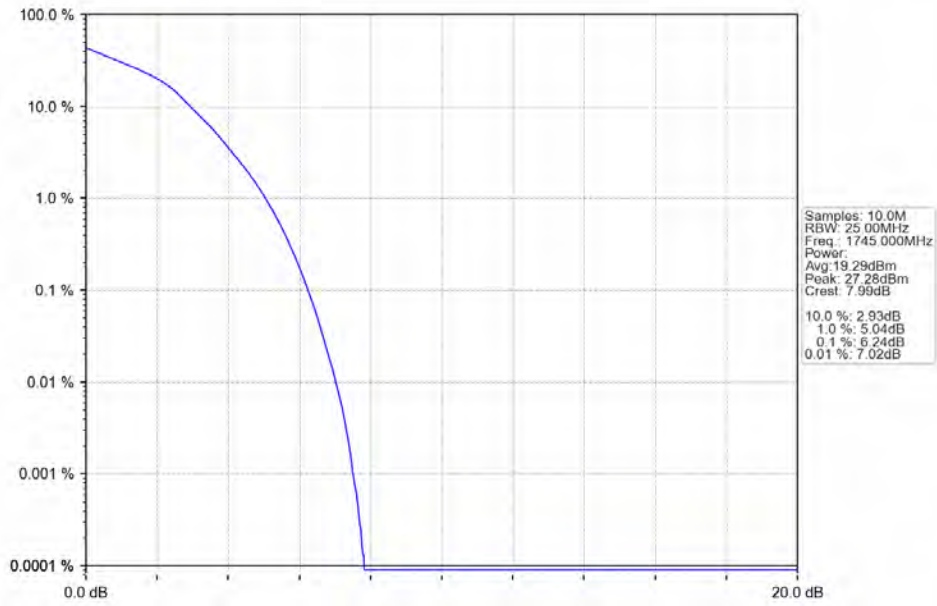
Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



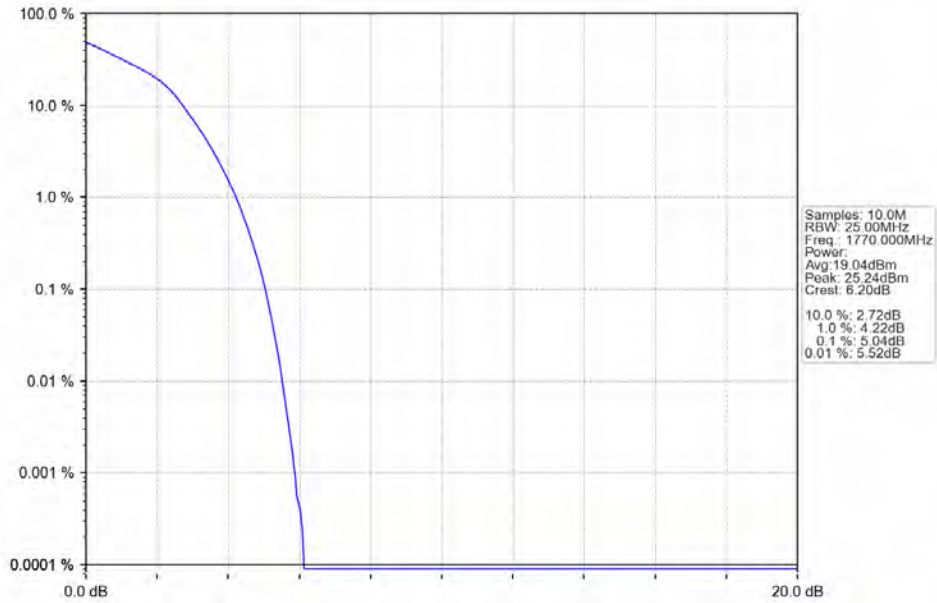
Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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



Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV





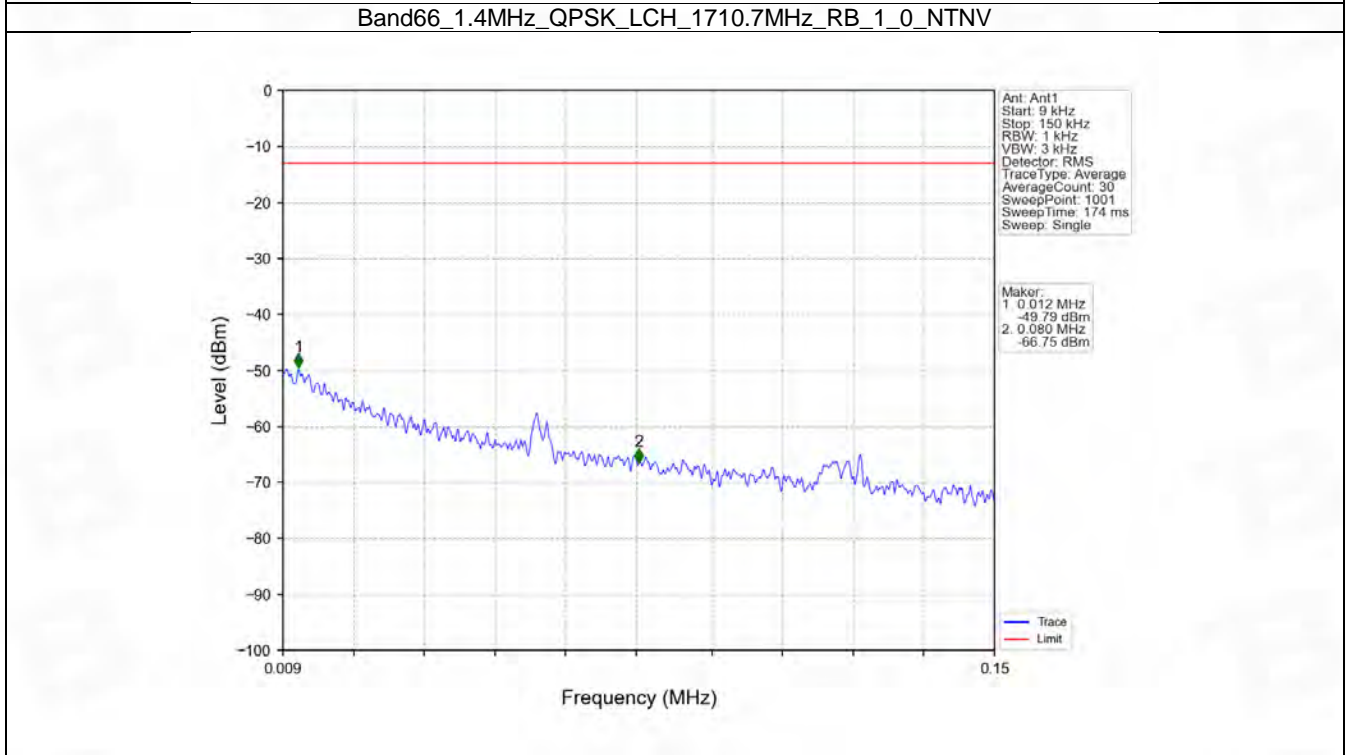
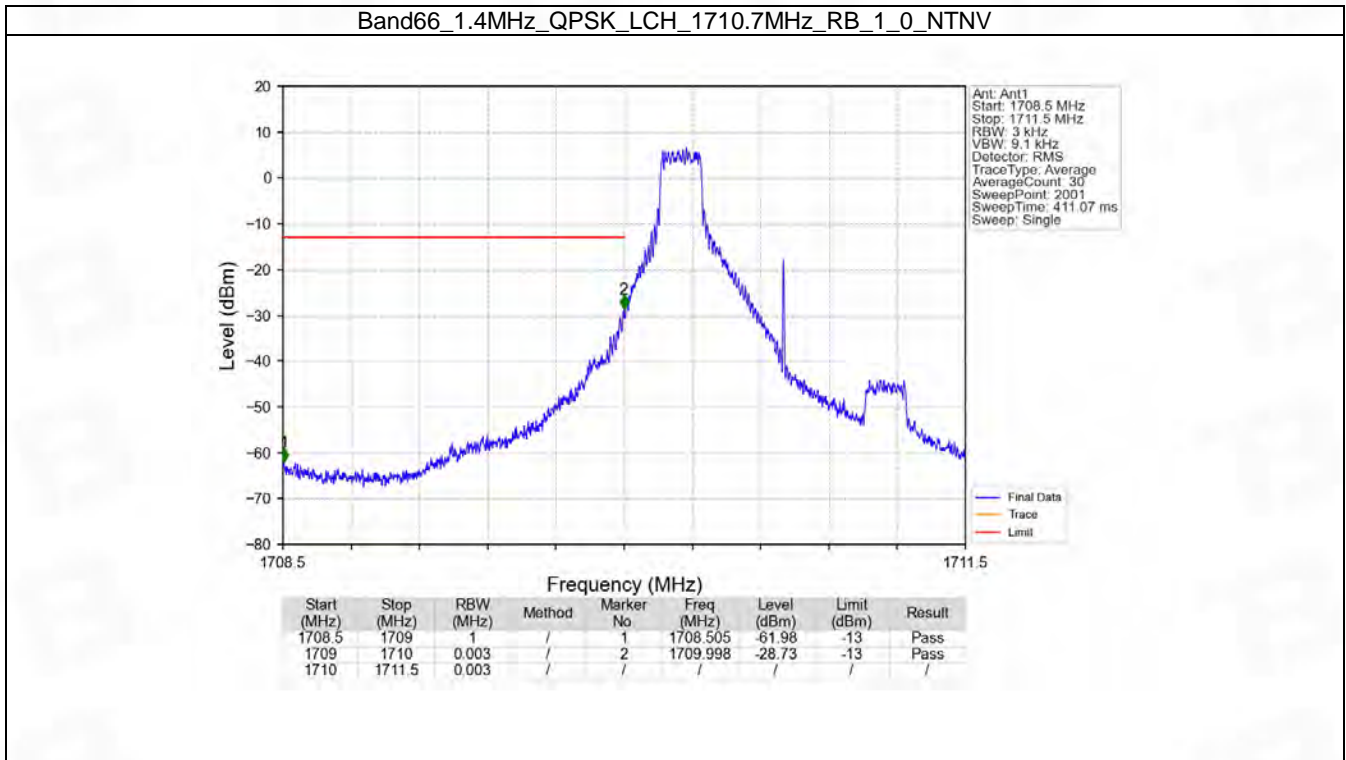
## 6. Spurious Emission

### 6.1 B66\_1.4MHz

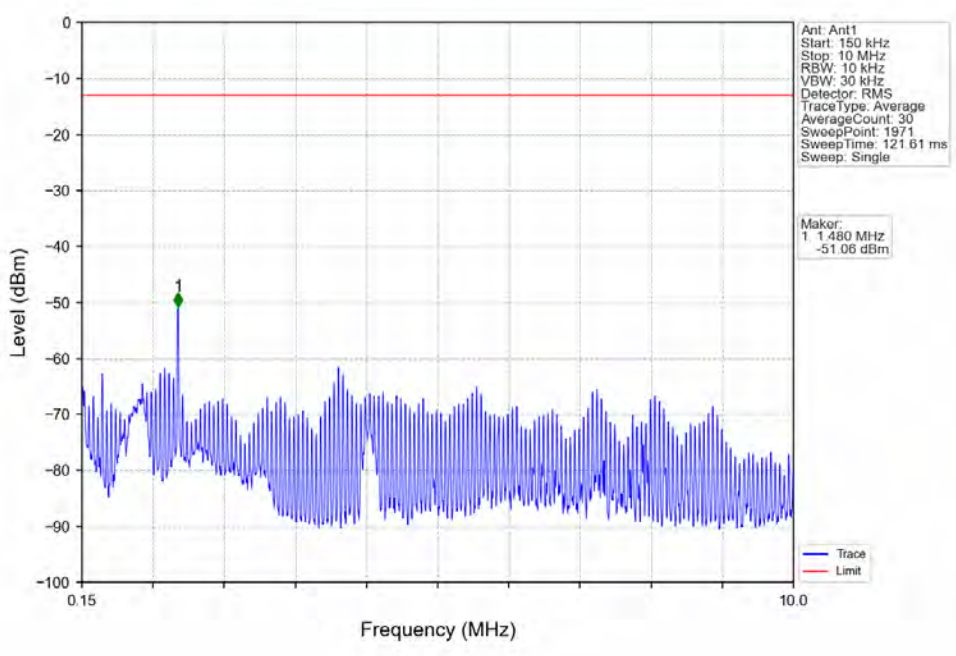
#### 6.1.1 Test Result

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
16QAM	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

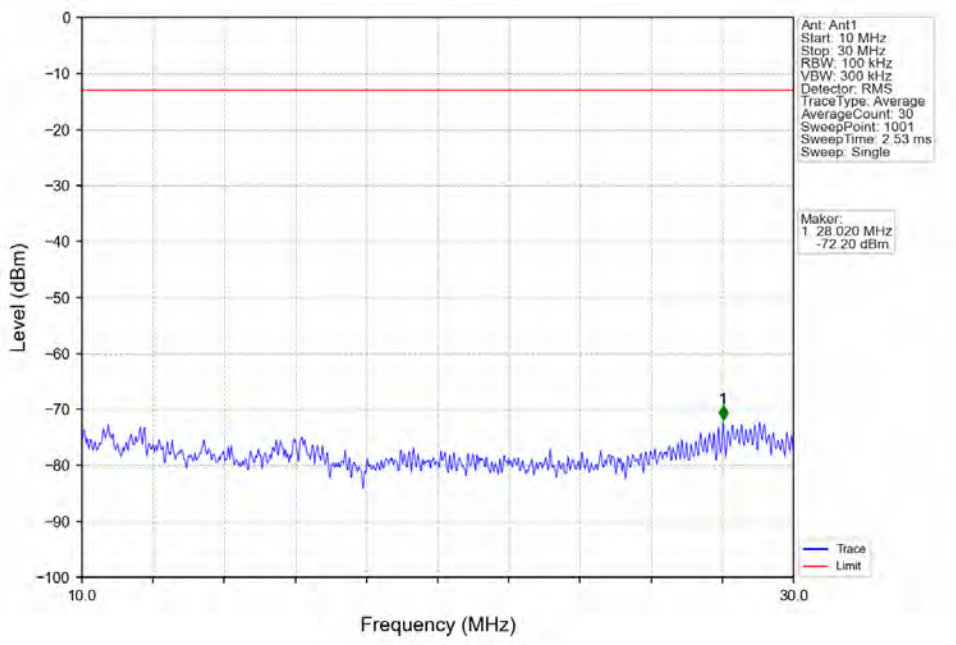
### 6.1.2 Test Graph



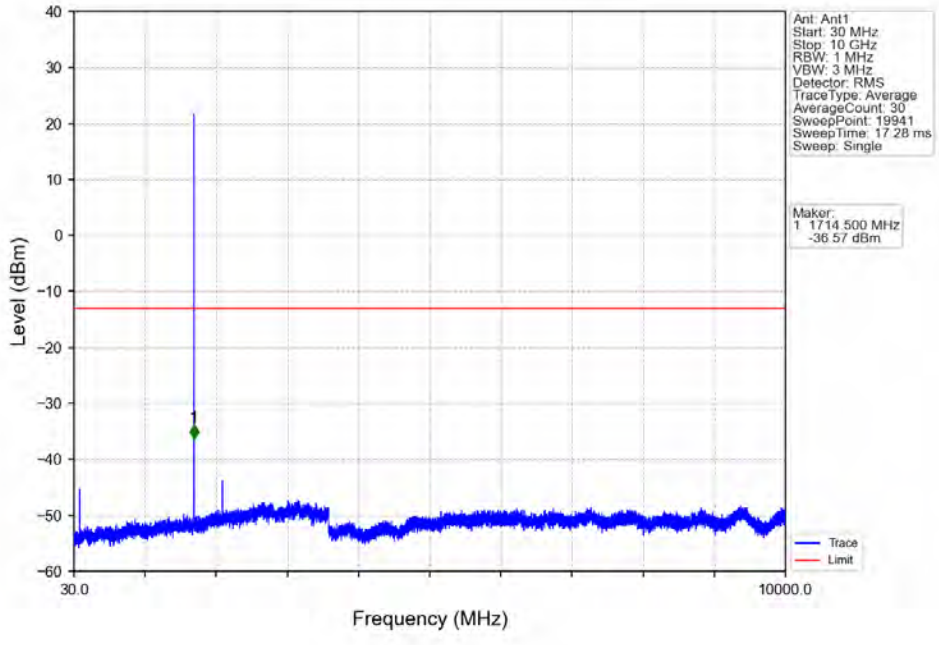
Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



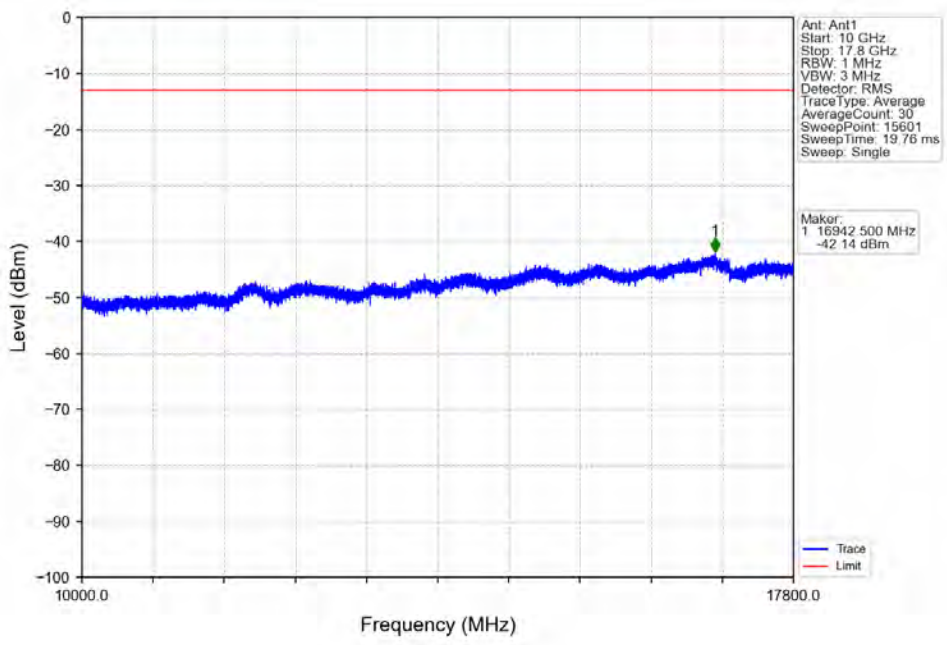
Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



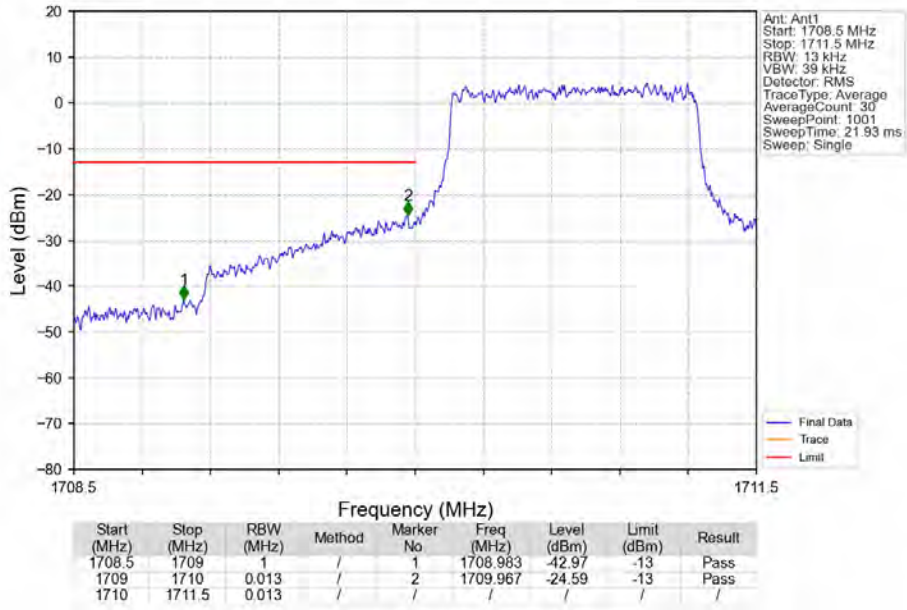
Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



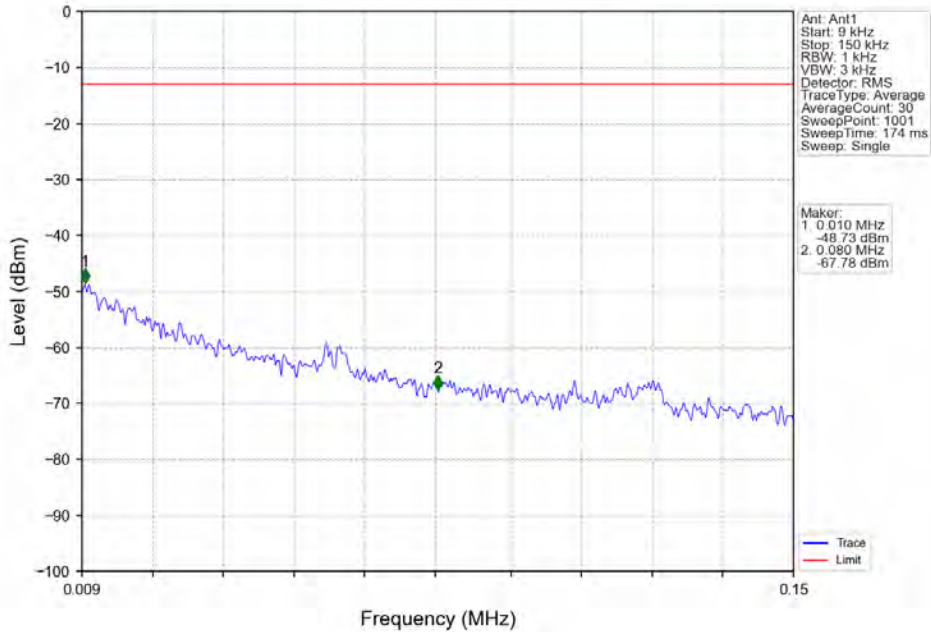
Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



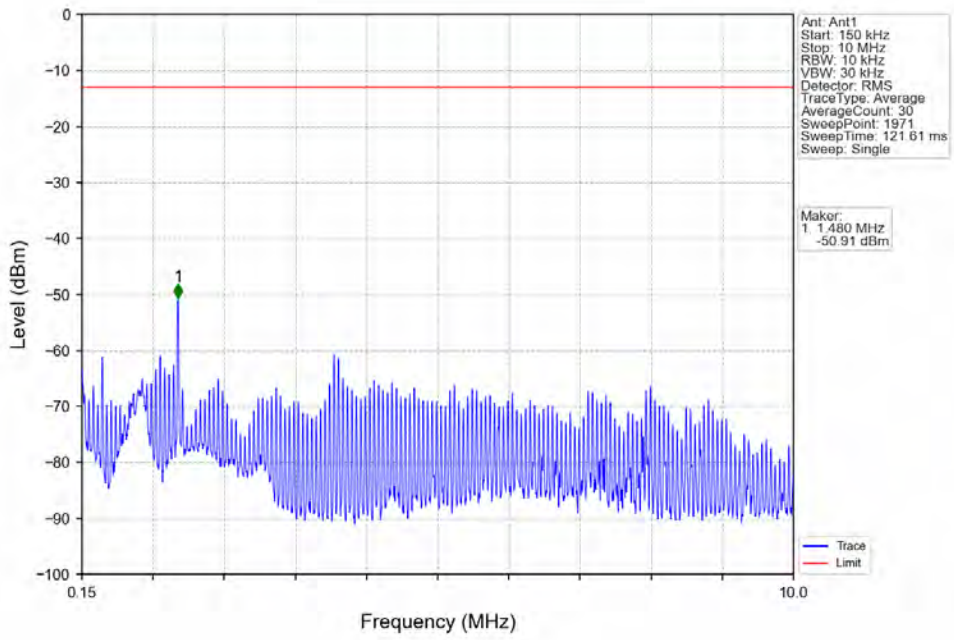
Band66\_1.4MHz\_QPSK\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



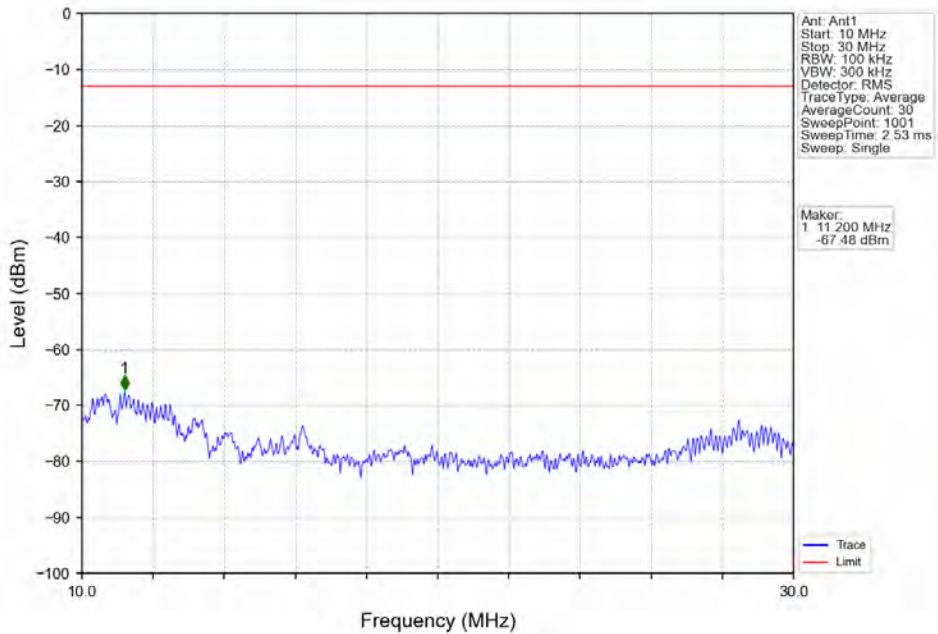
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



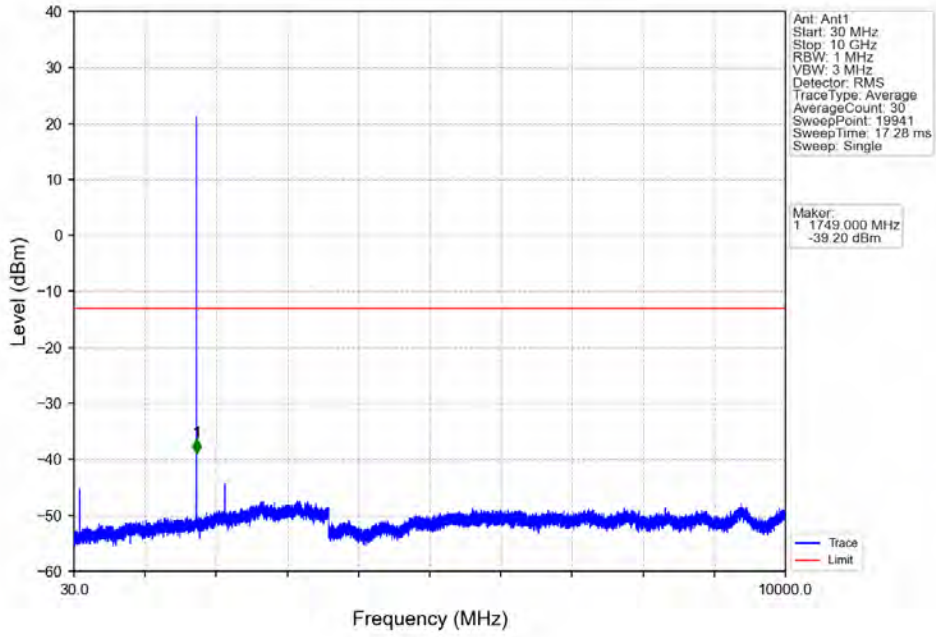
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



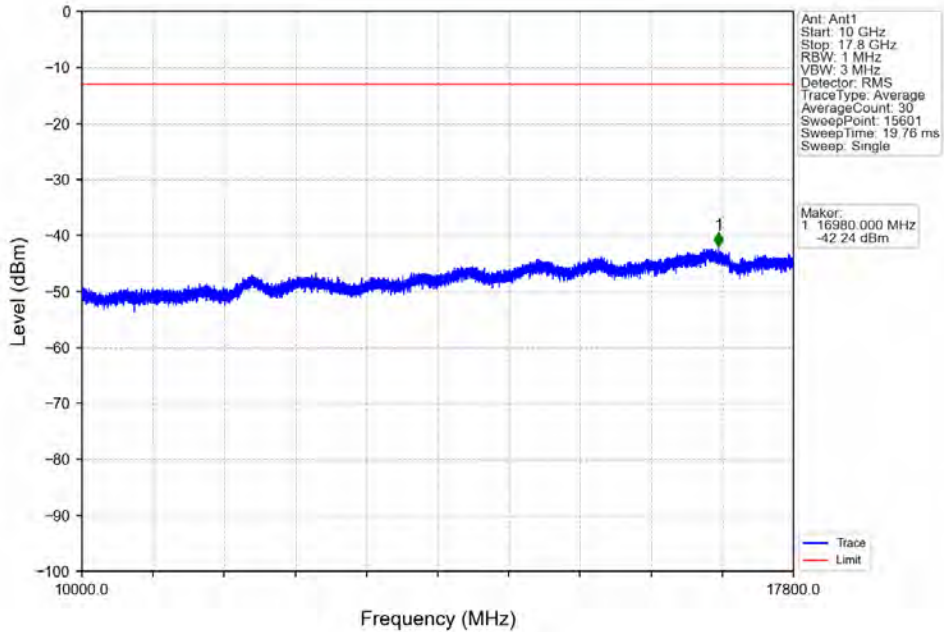
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



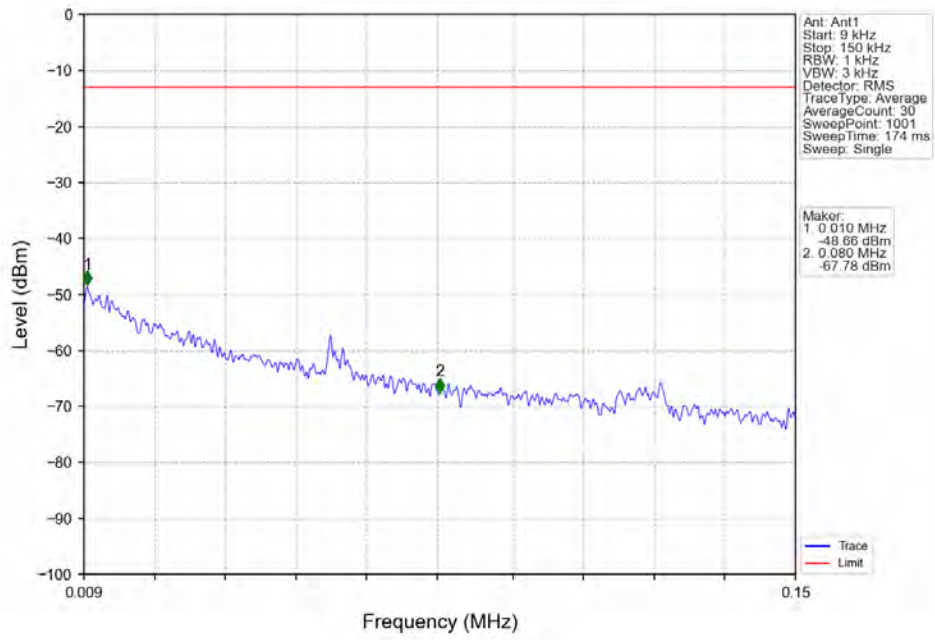
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



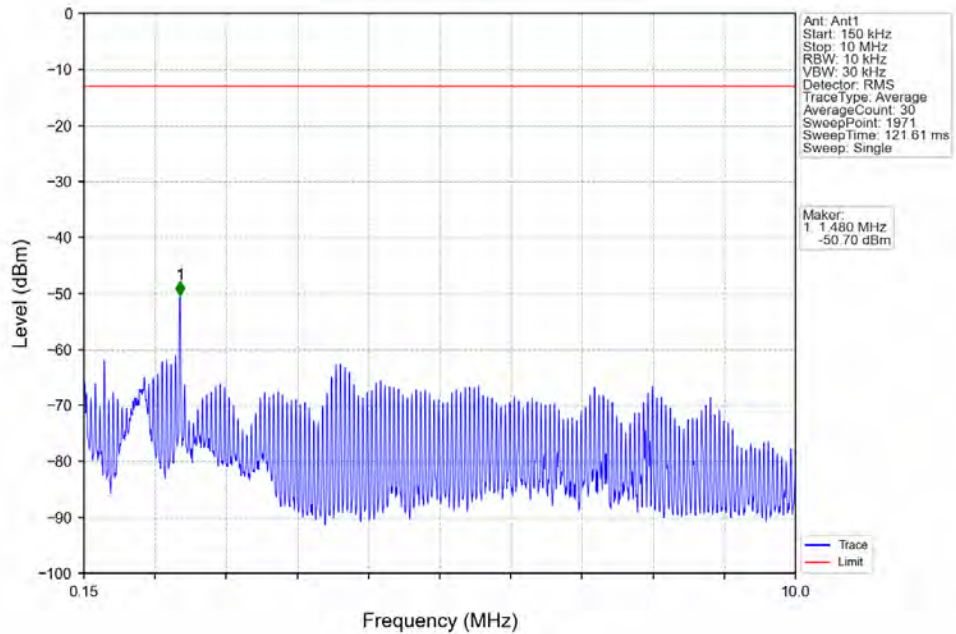
Band66\_1.4MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



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

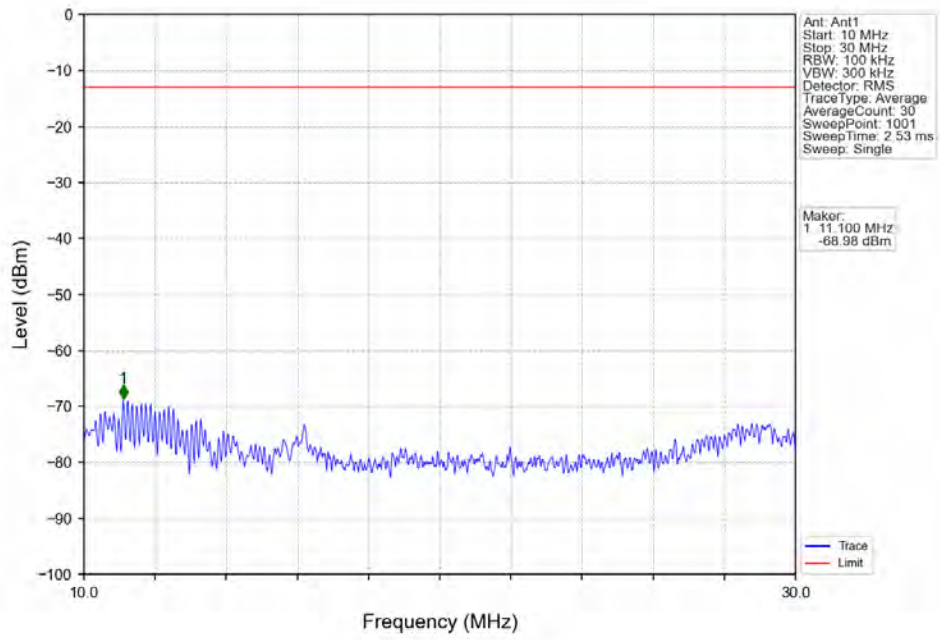


Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV

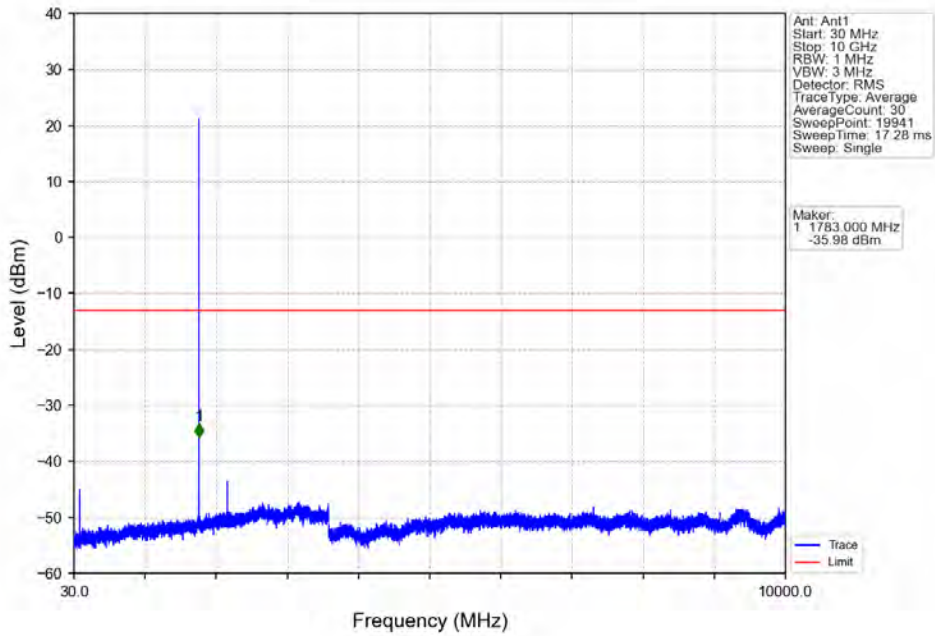




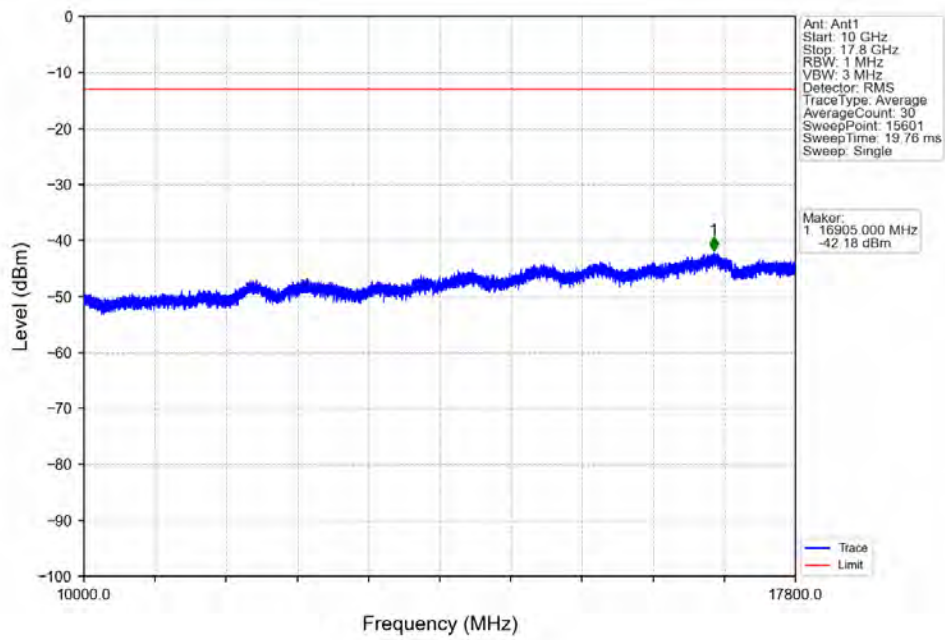
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



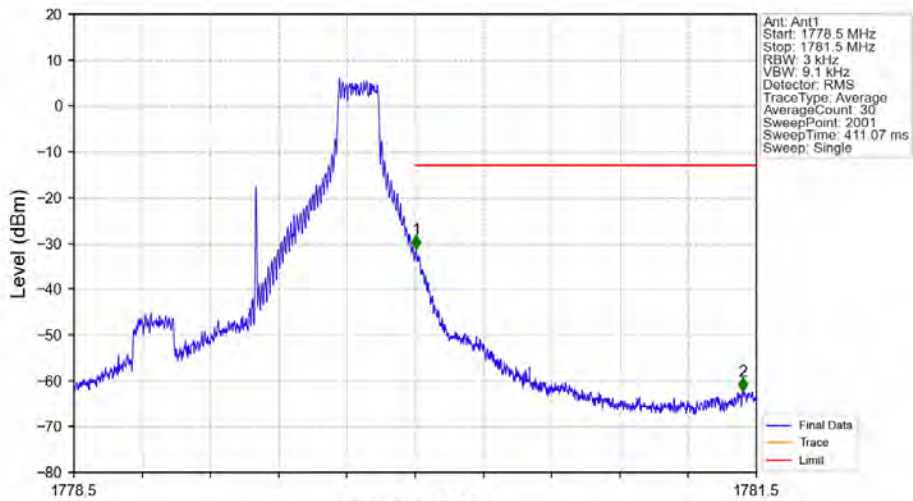
Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



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

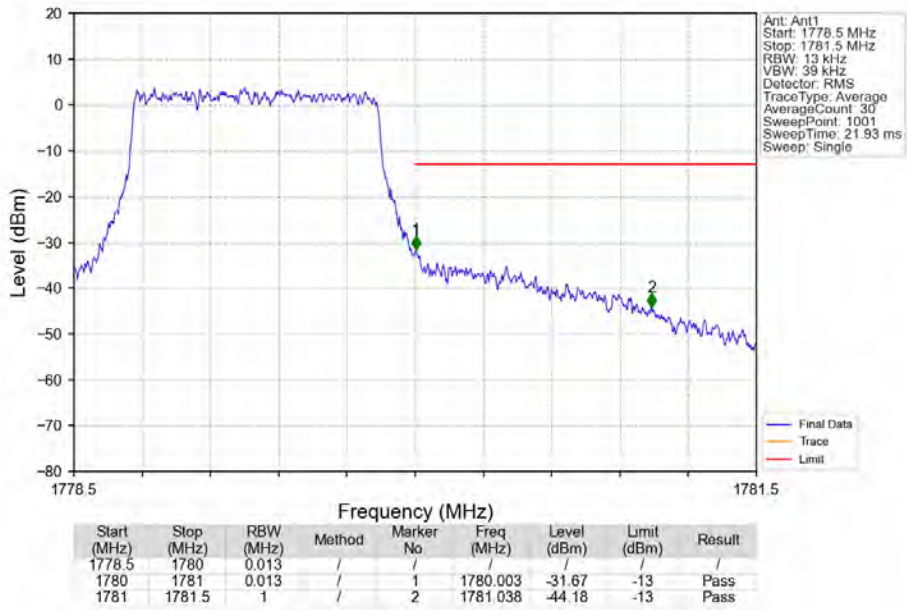


Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_5\_NTNV

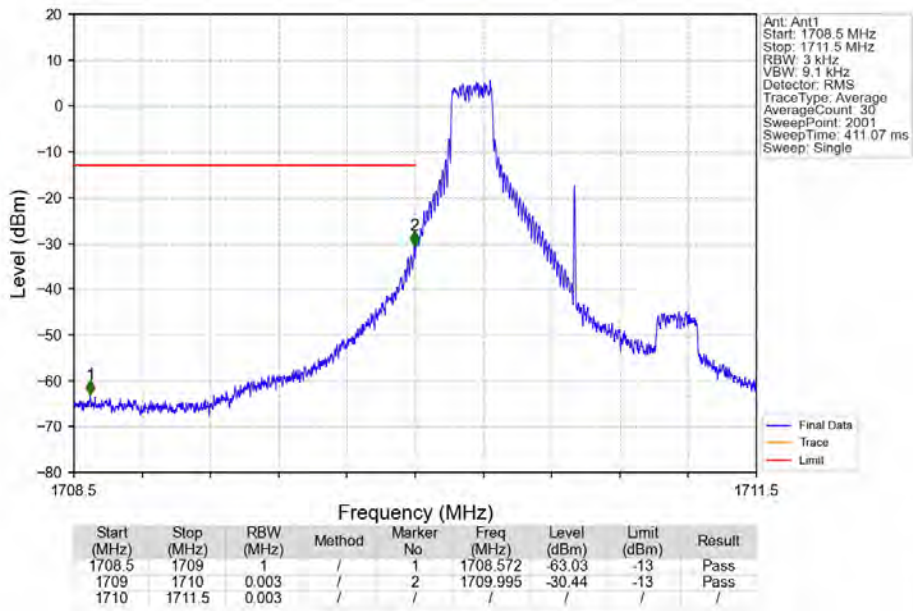


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-31.39	-13	Pass
1781	1781.5	1	/	2	1781.440	-62.41	-13	Pass

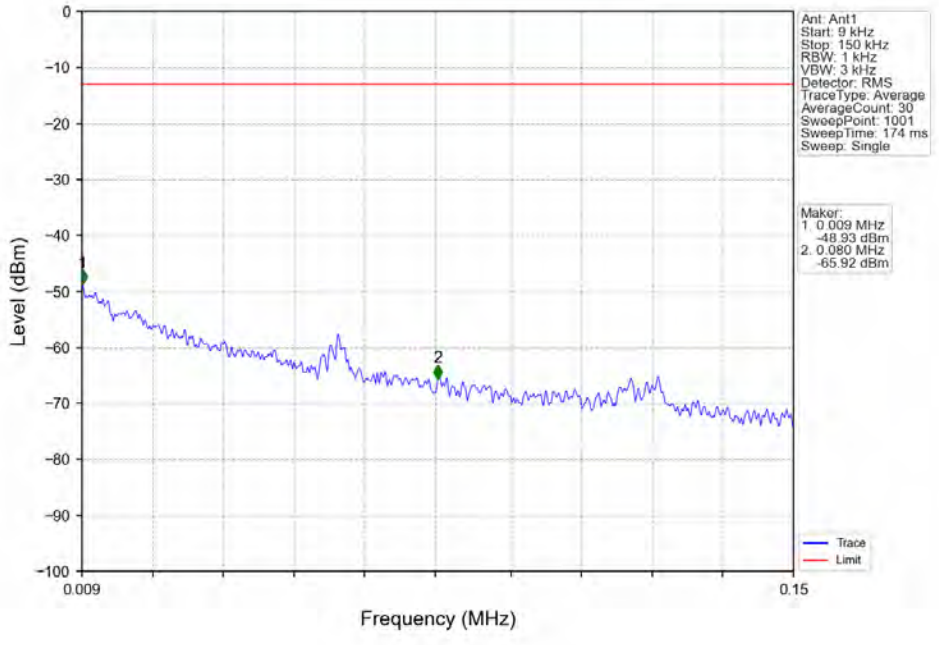
Band66 1.4MHz QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



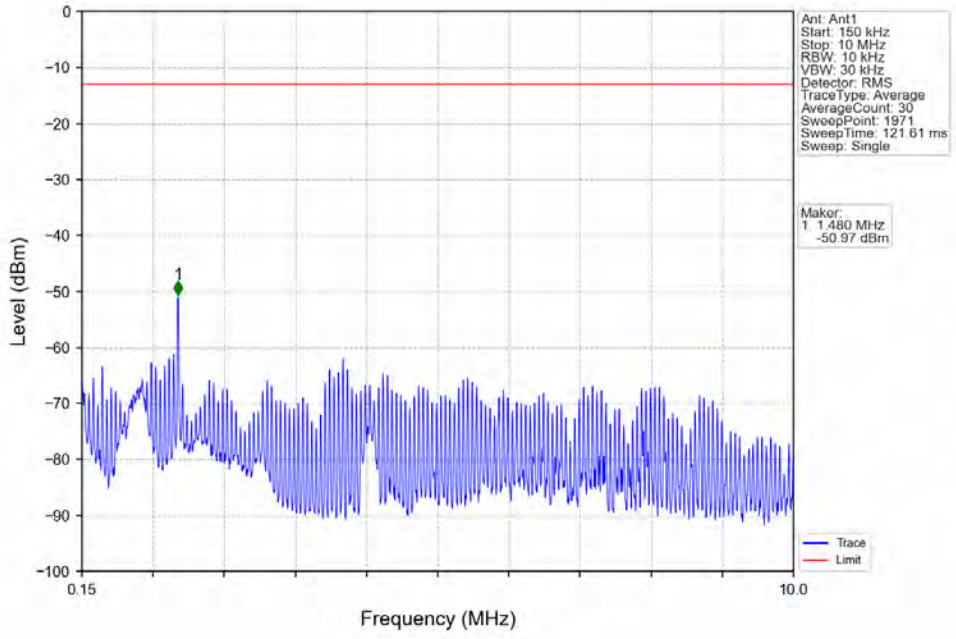
Band66 1.4MHz 16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



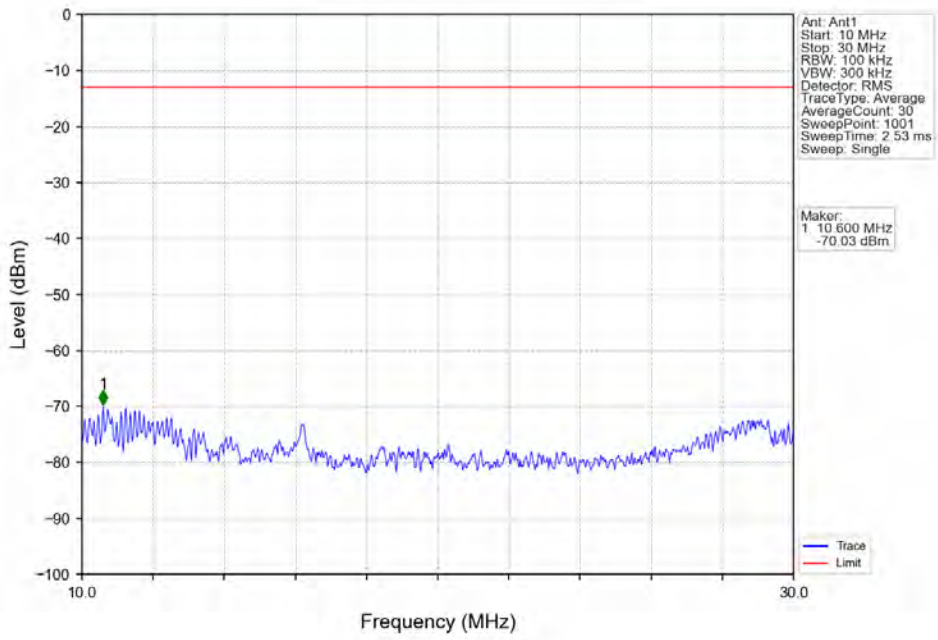
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



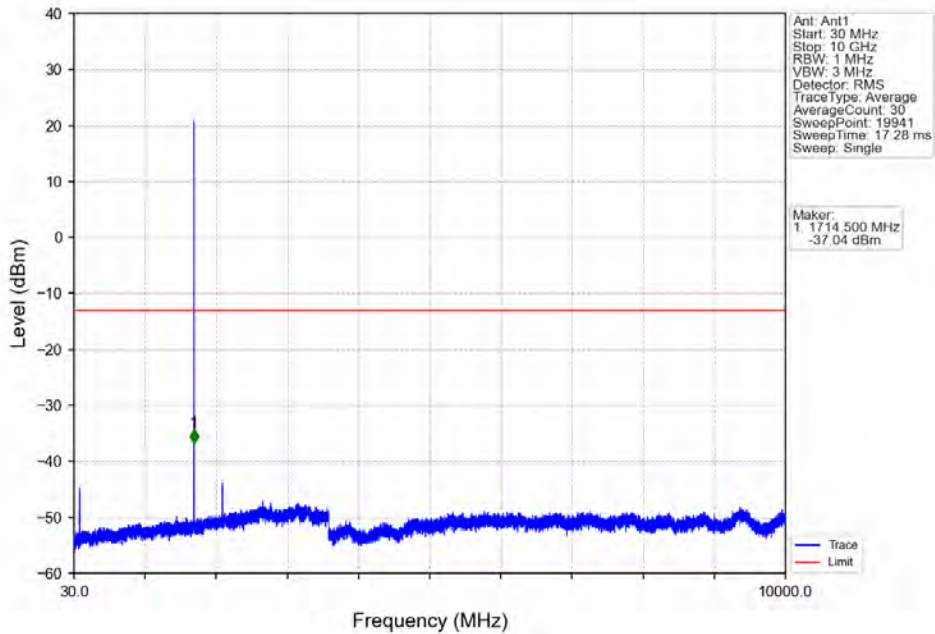
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



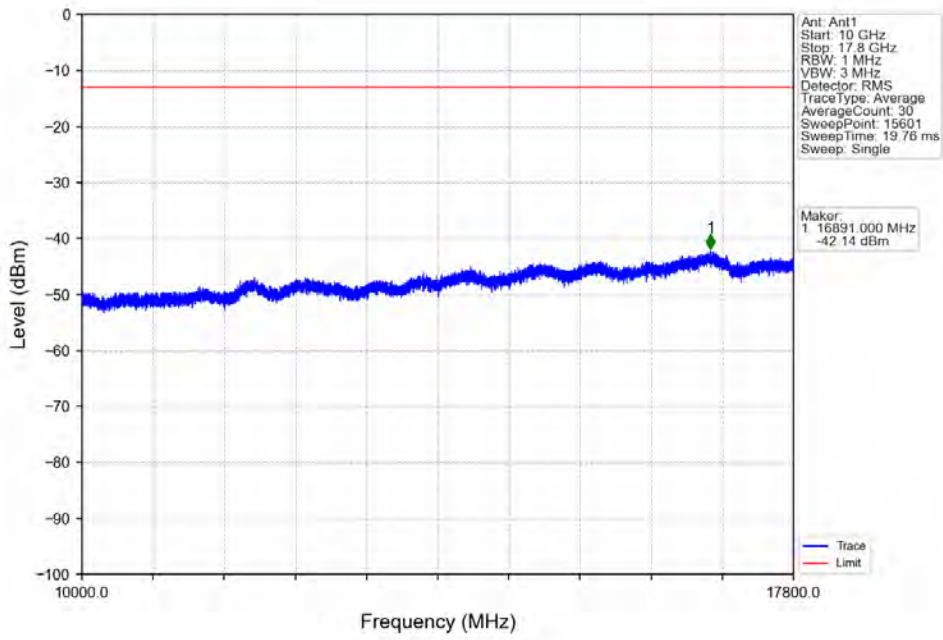
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



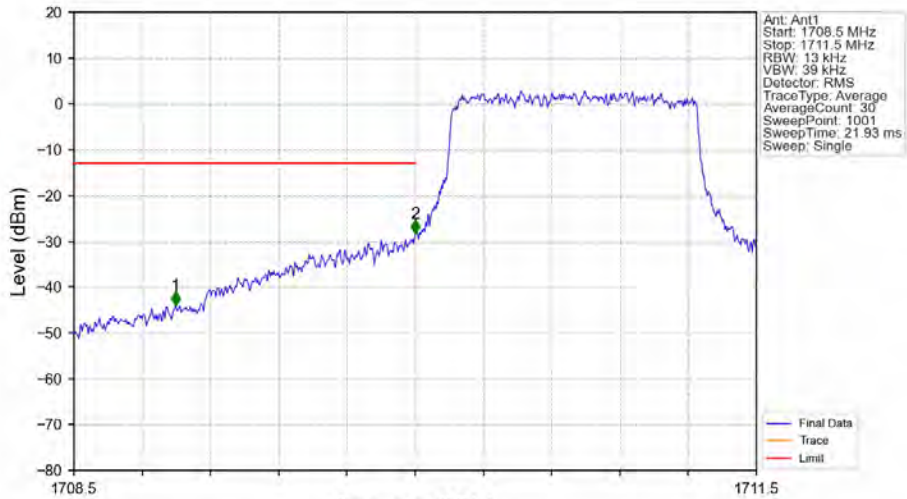
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV



Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_1\_0\_NTNV

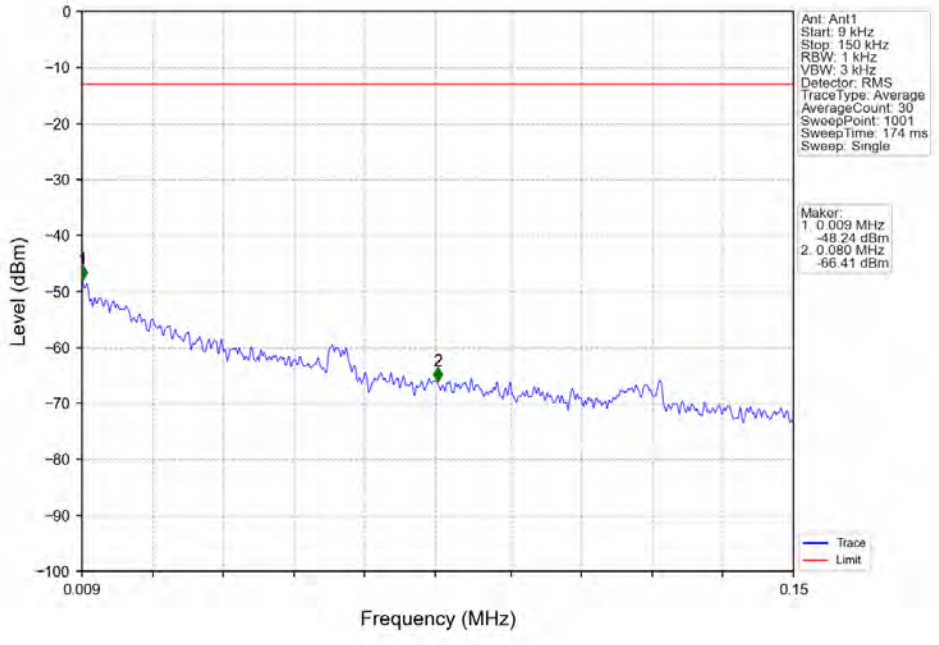


Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

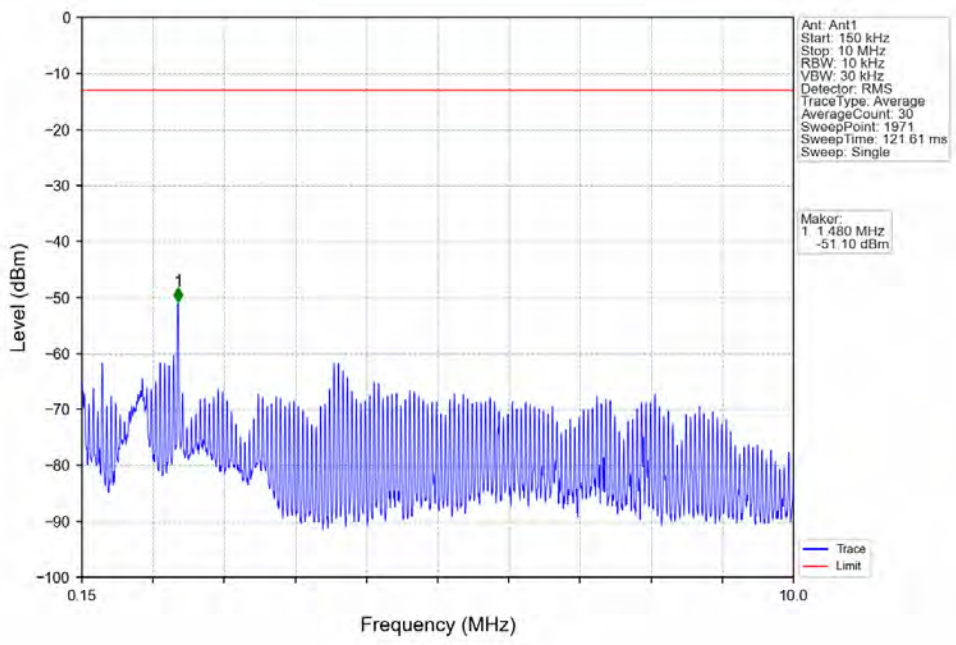


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.947	-44.09	-13	Pass
1709	1710	0.013	/	2	1710.000	-28.38	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

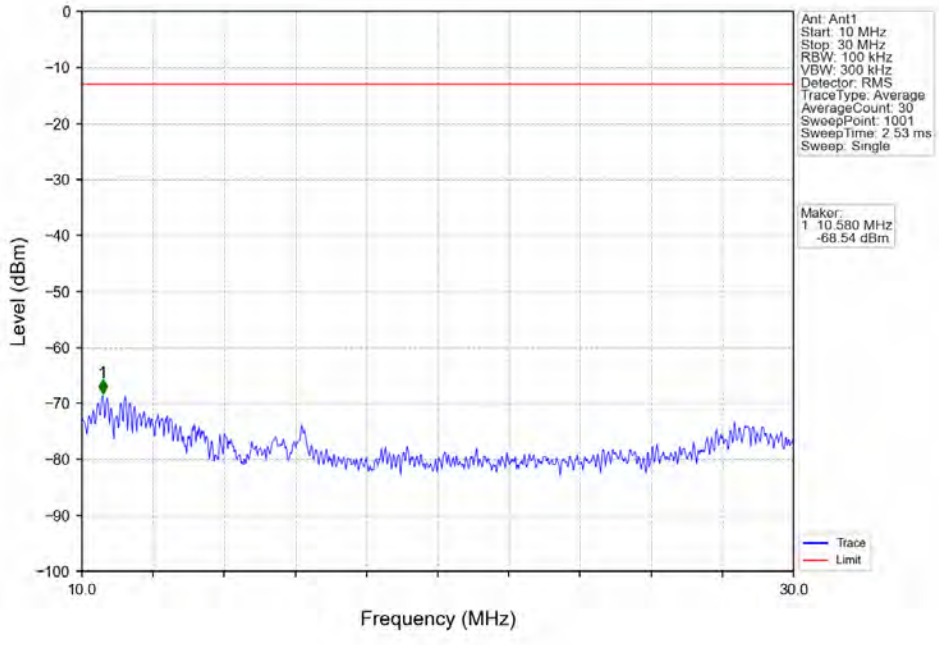
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_1\_0\_NTNV



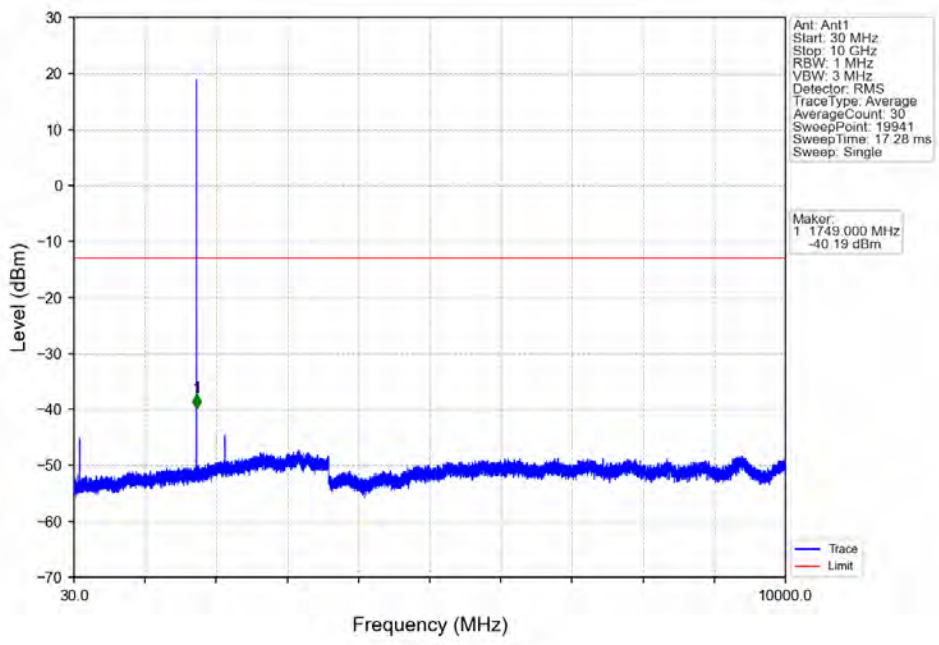
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_1\_0\_NTNV



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

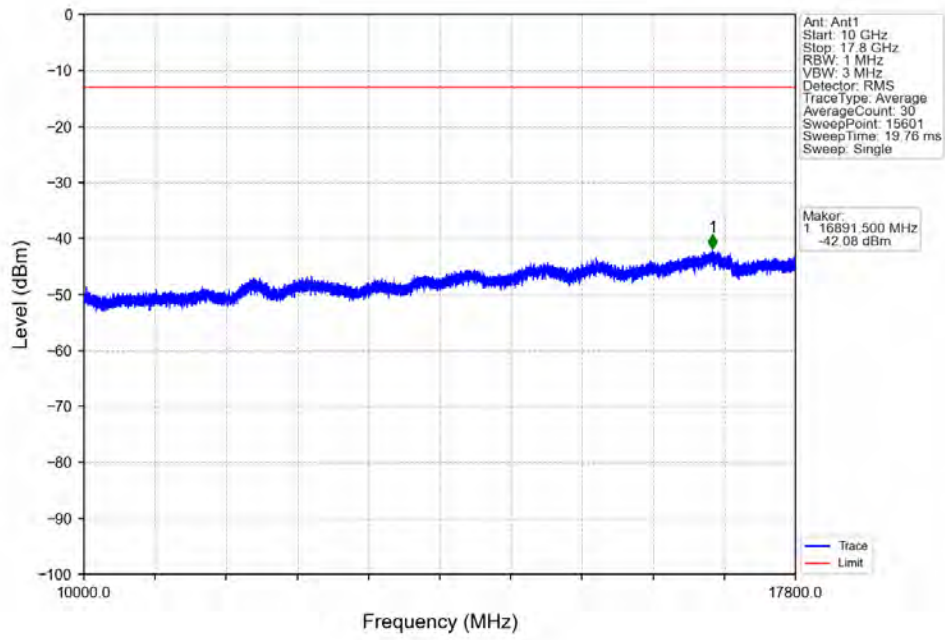


Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_1\_0\_NTNV

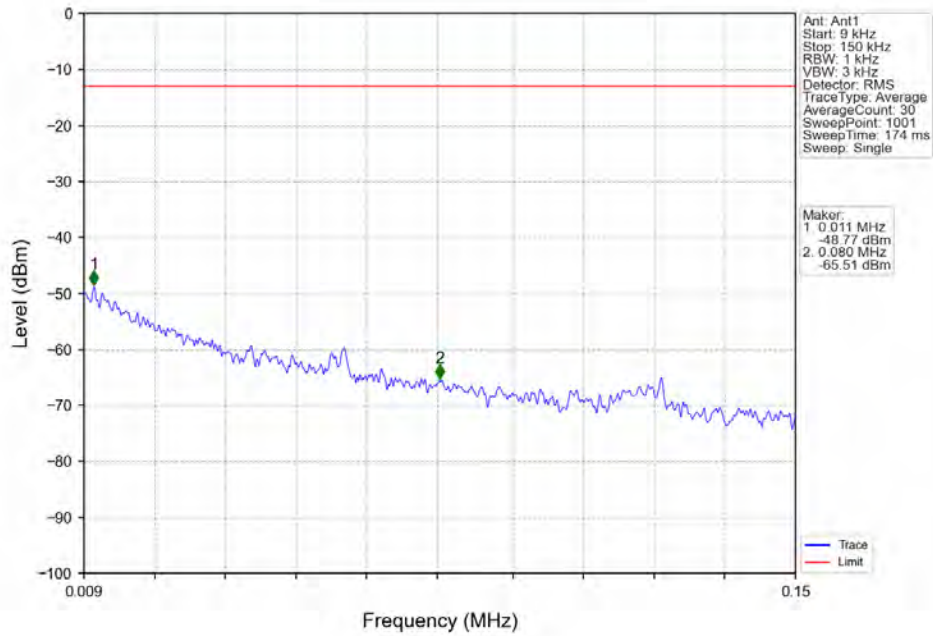




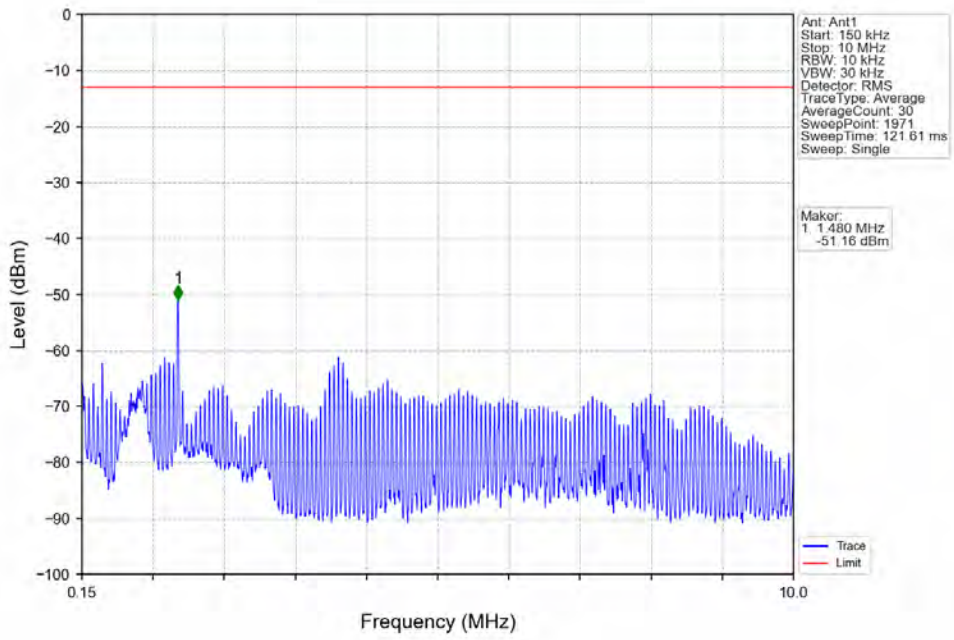
Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_1\_0\_NTNV



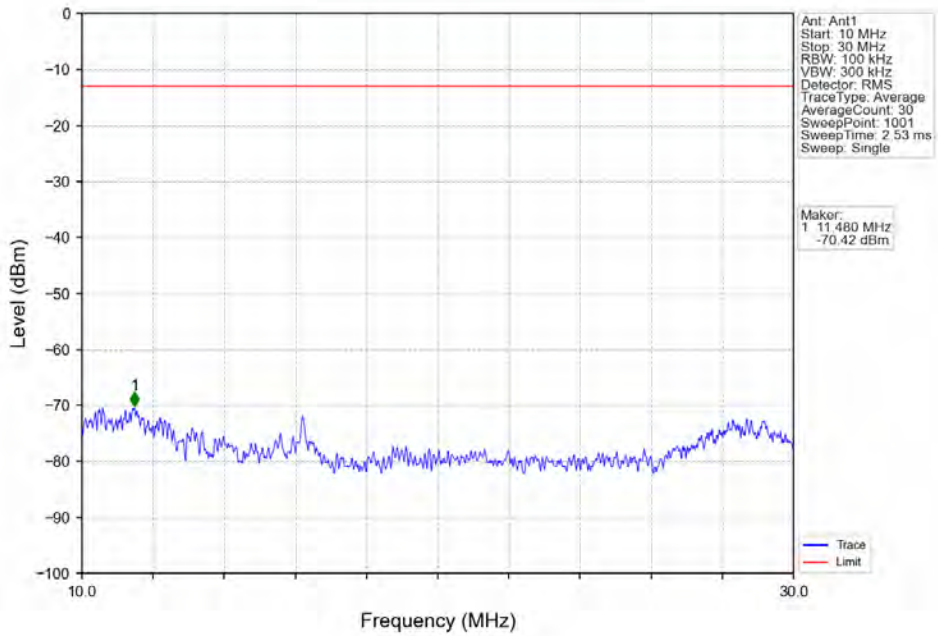
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



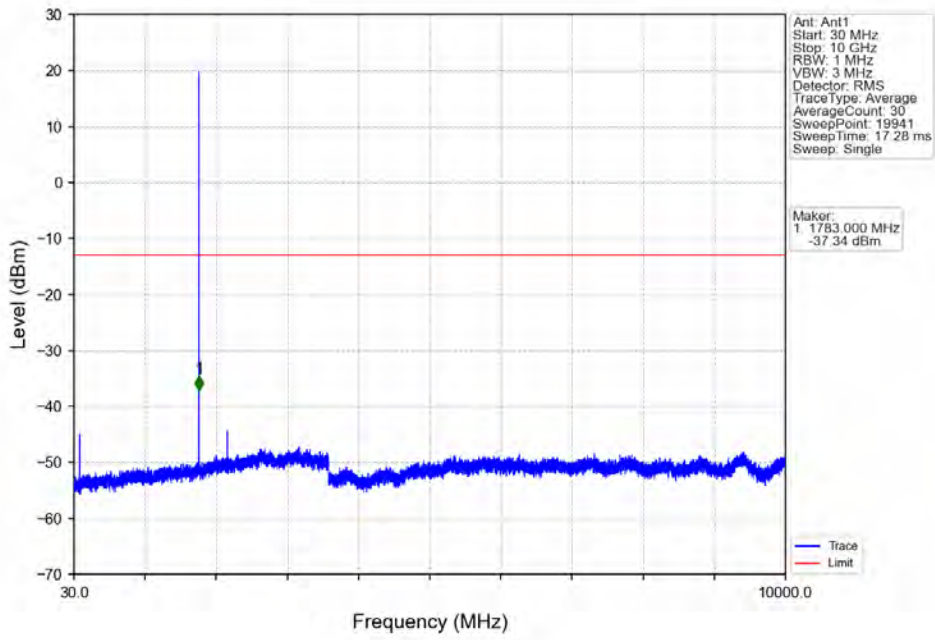
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



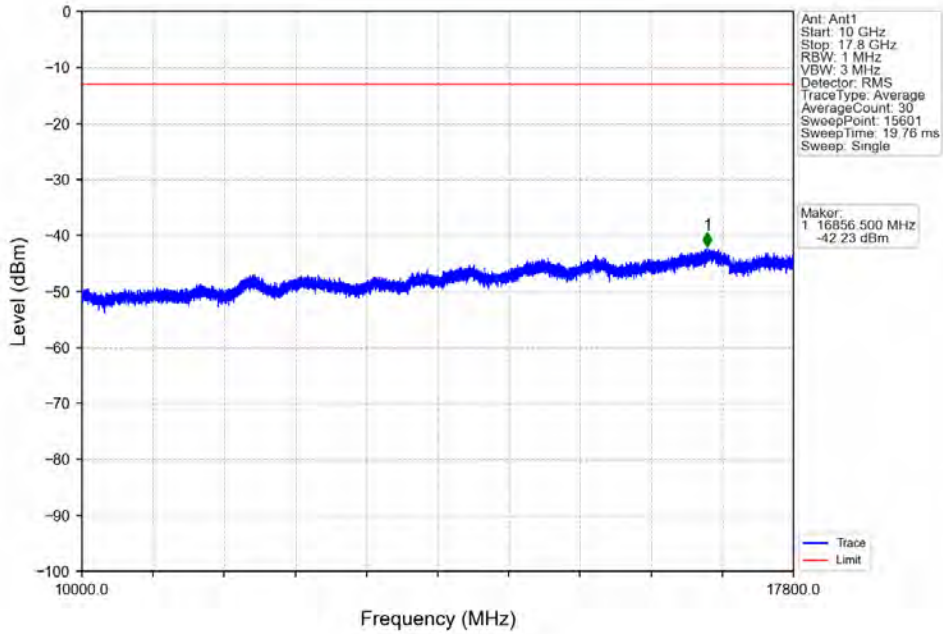
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



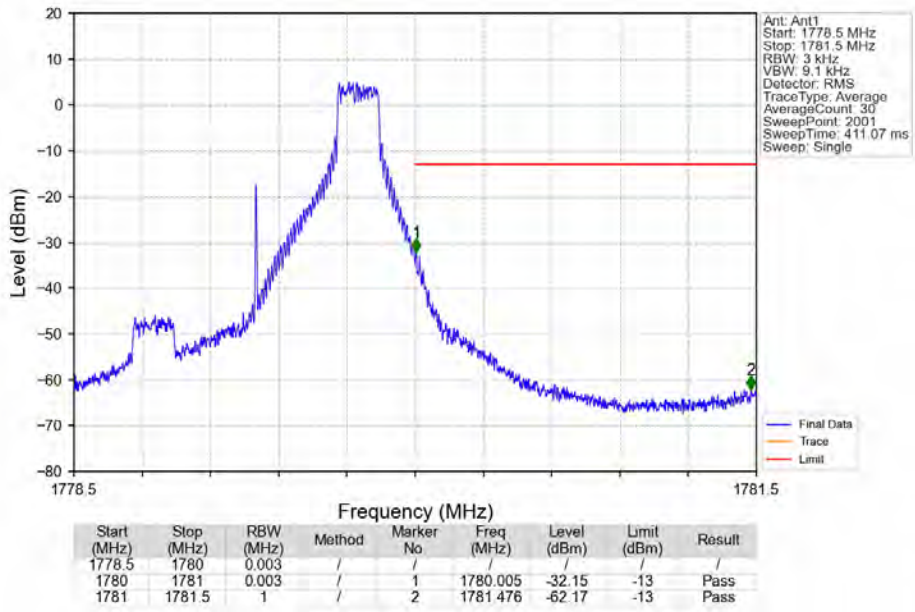
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



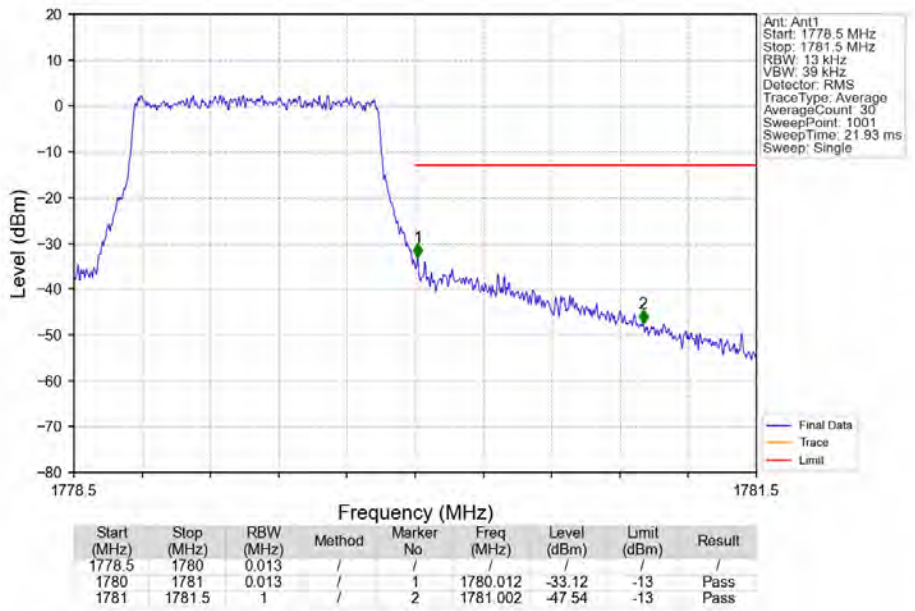
Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_0\_NTNV



Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_1\_5\_NTNV



Band66\_1.4MHz\_16QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV

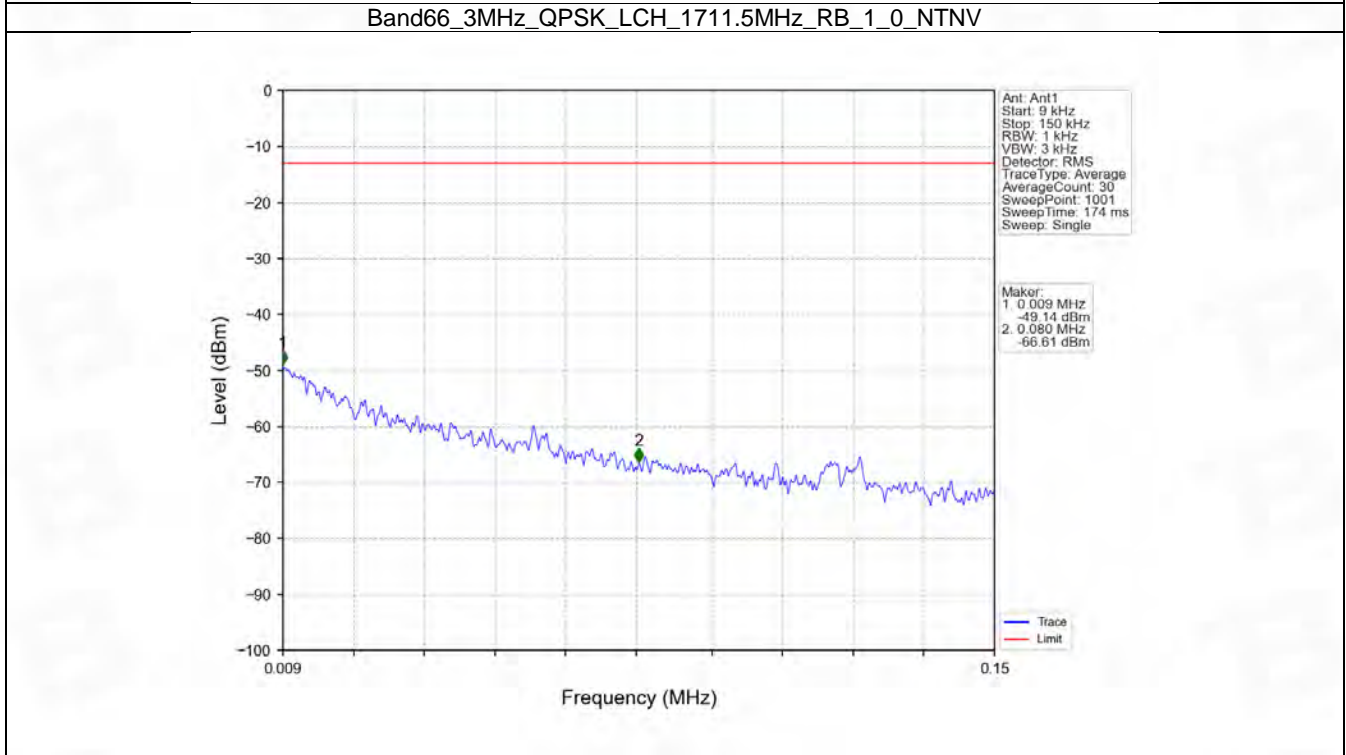
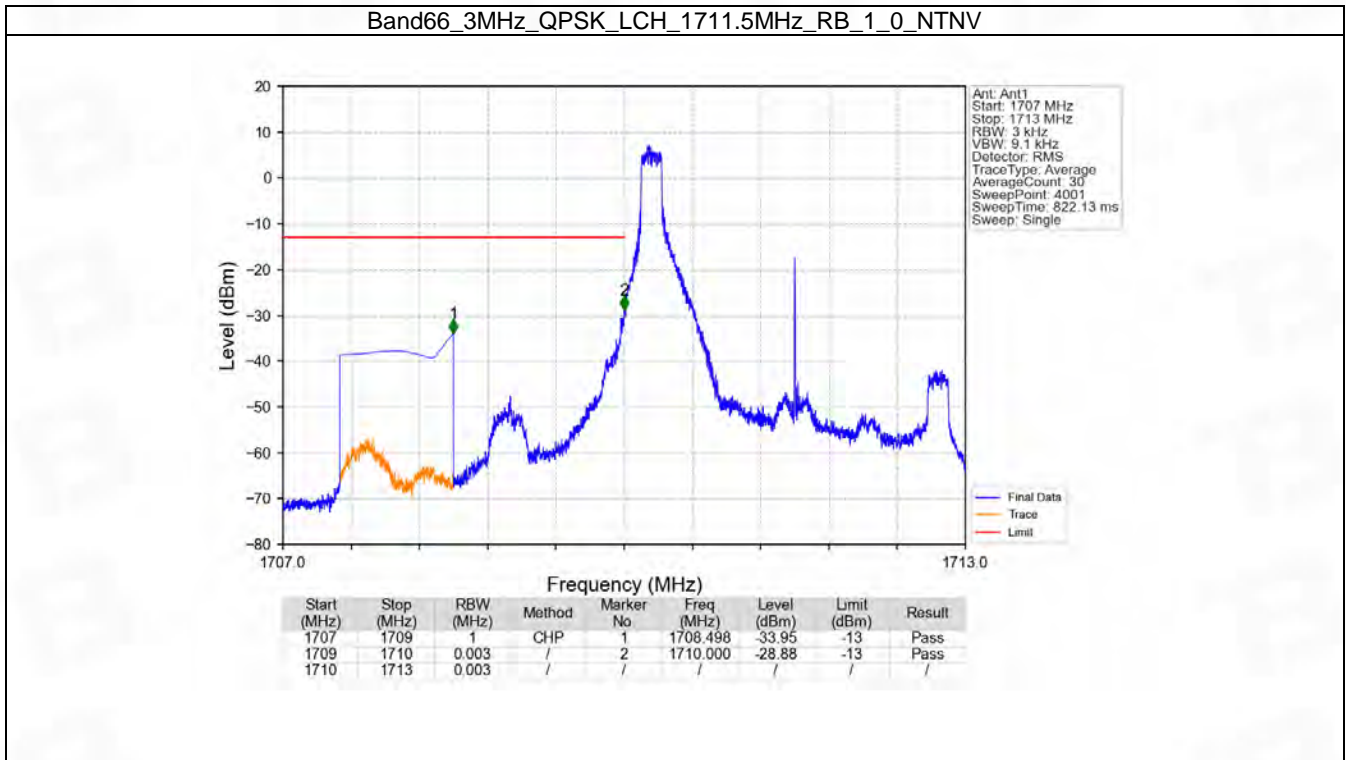


## 6.2 B66\_3MHz

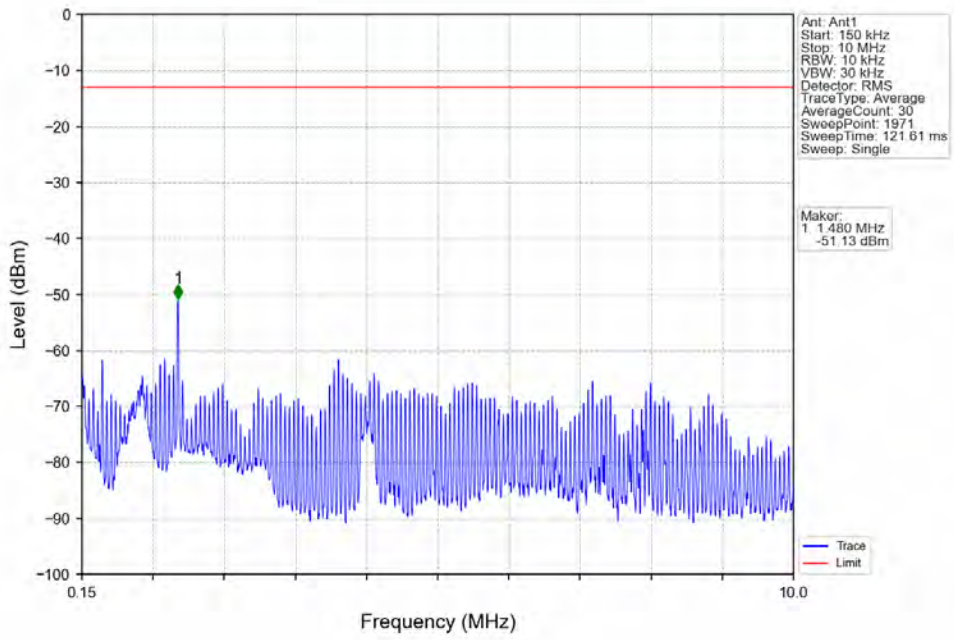
### 6.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1711.5	1	0	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	
	1778.5	1745	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			14	Refer To Test Graph		Pass	
15	0	Refer To Test Graph		Pass			
	0	Refer To Test Graph		Pass			
16QAM	1711.5	1	0	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	
	1778.5	1745	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			14	Refer To Test Graph		Pass	
15	0	Refer To Test Graph		Pass			
	0	Refer To Test Graph		Pass			

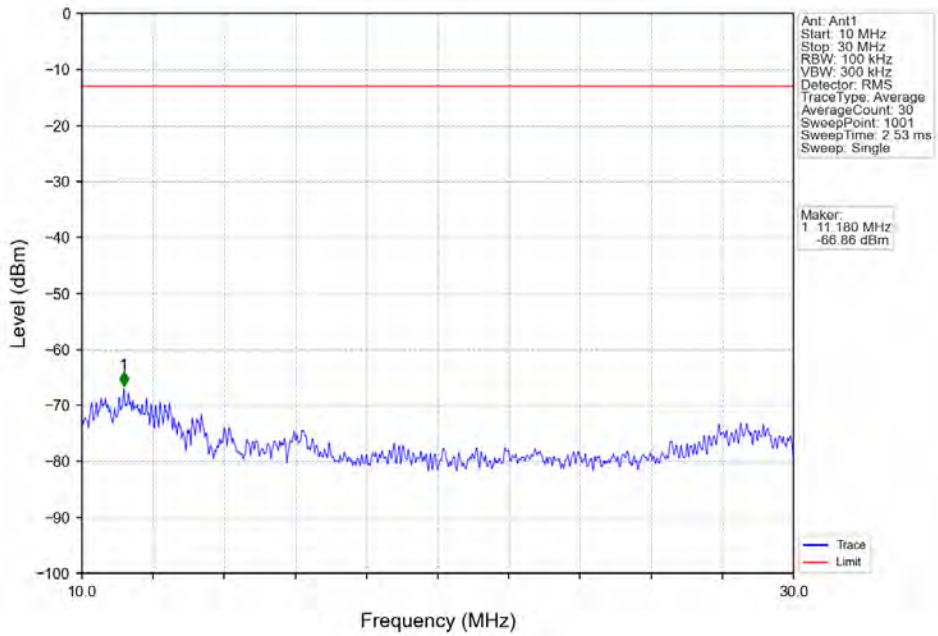
### 6.2.2 Test Graph



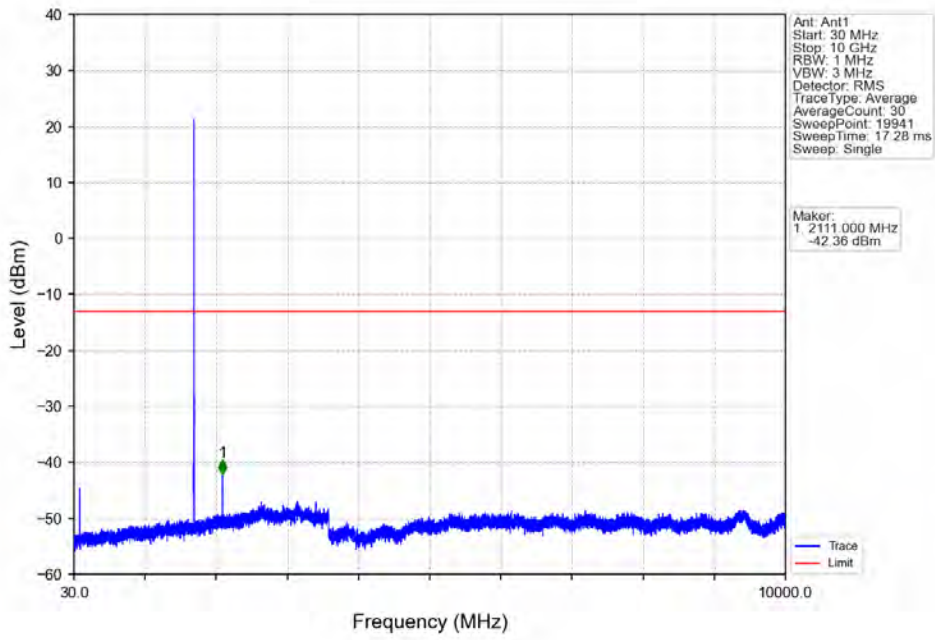
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



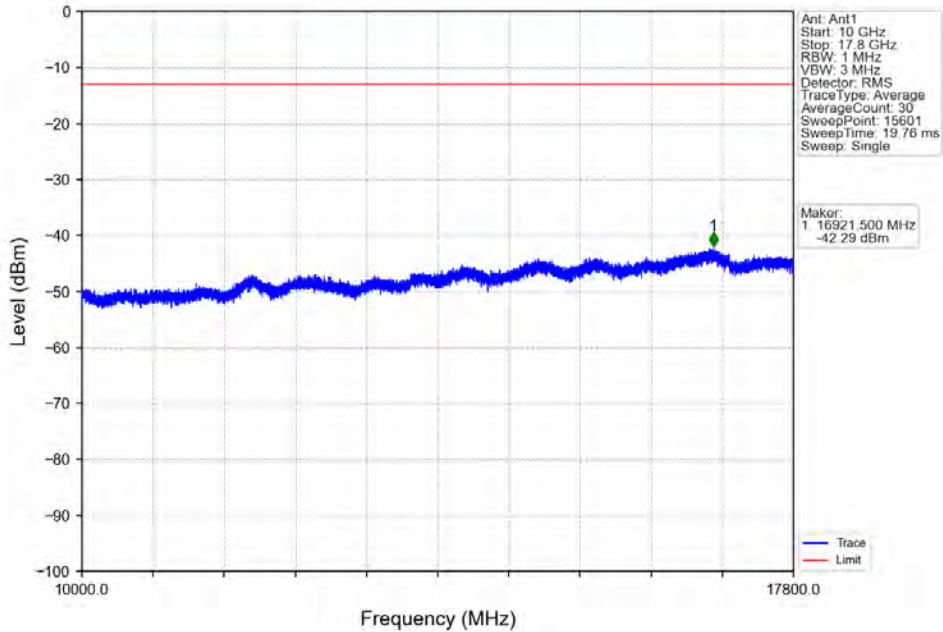
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



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

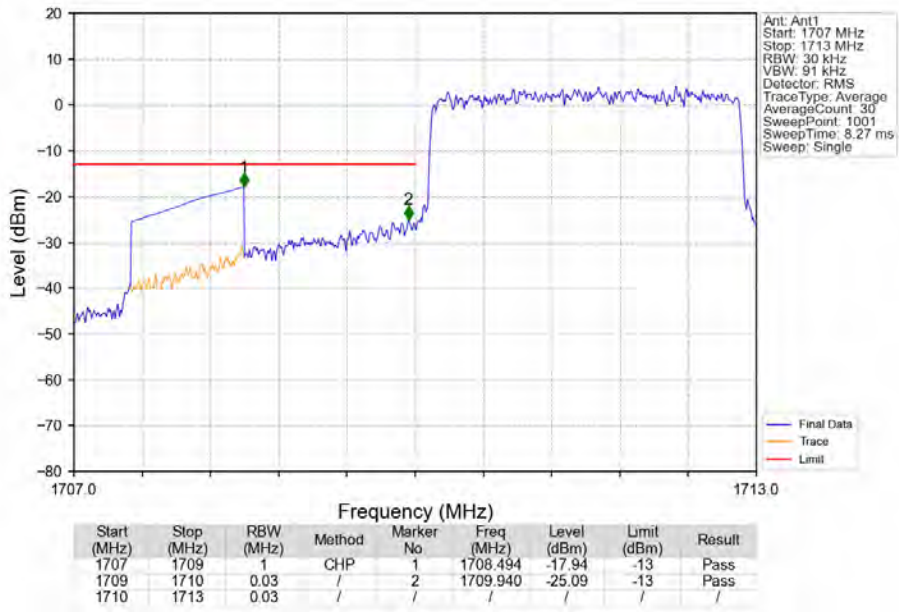


Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV

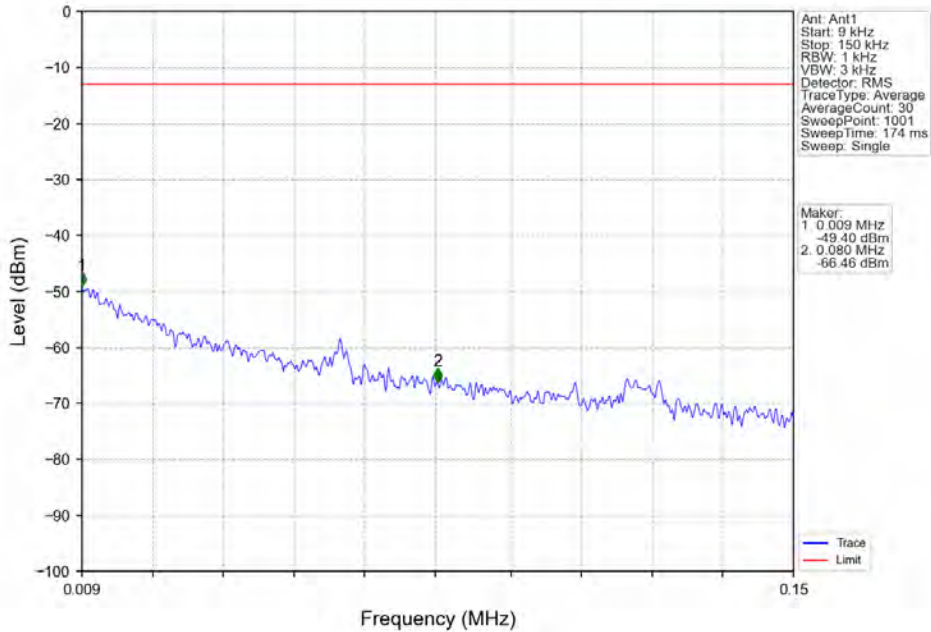




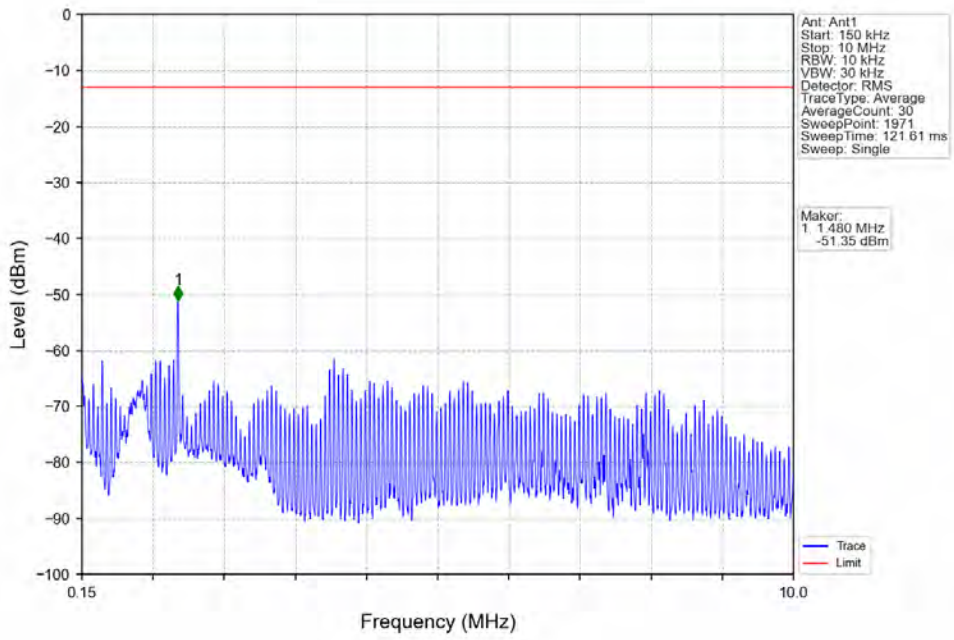
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



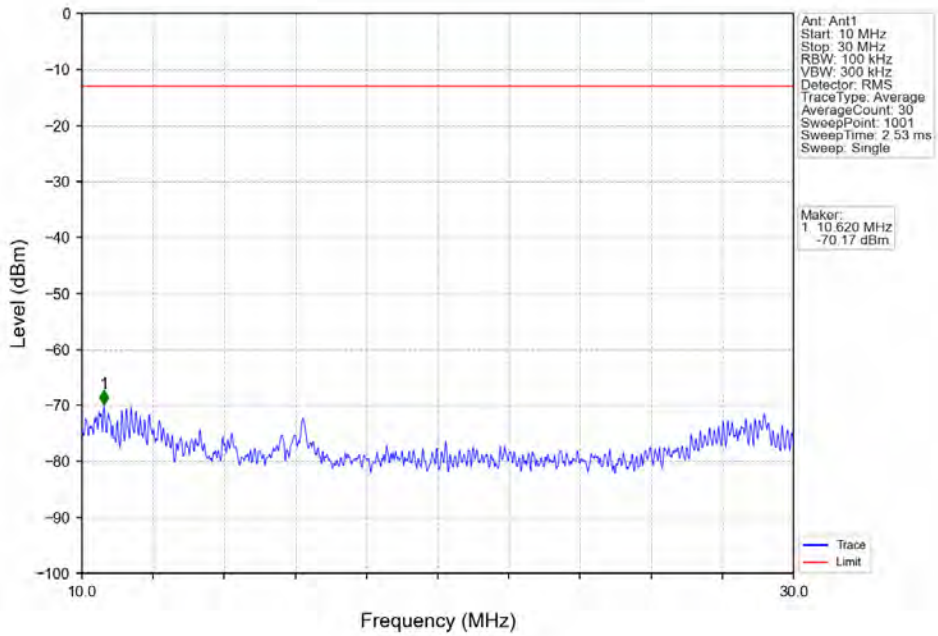
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



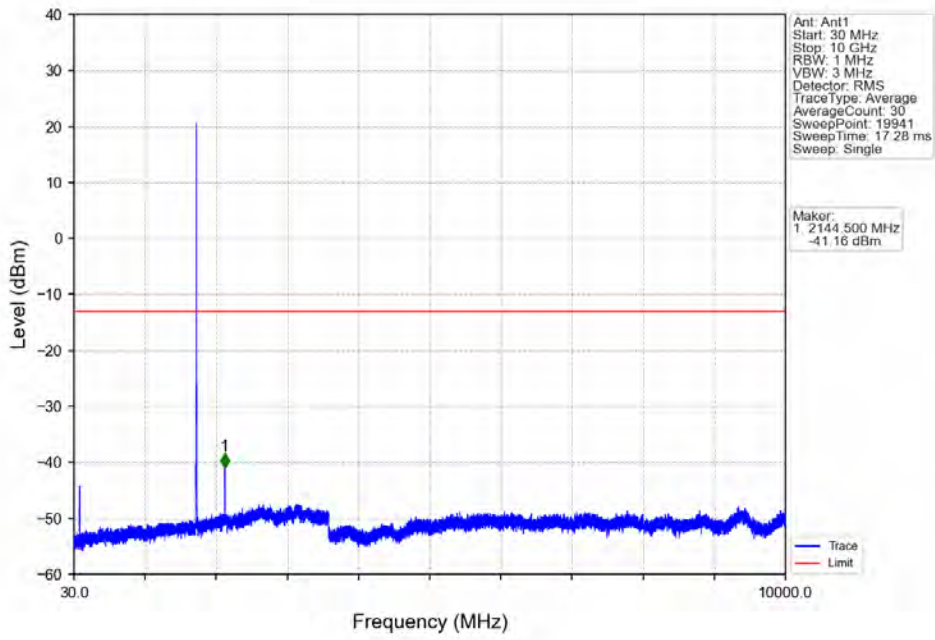
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



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



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



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

