

### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 B2\_1.4MHz\_EIRP

##### 1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1850.7	1	0	23.55	2.3	25.85	<=33.01	Pass	
			2	23.58	2.3	25.88	<=33.01	Pass	
			5	23.65	2.3	25.95	<=33.01	Pass	
		3	0	23.59	2.3	25.89	<=33.01	Pass	
			2	23.49	2.3	25.79	<=33.01	Pass	
			3	23.60	2.3	25.9	<=33.01	Pass	
		6	0	22.70	2.3	25	<=33.01	Pass	
			1	0	23.54	2.3	25.84	<=33.01	Pass
				2	23.49	2.3	25.79	<=33.01	Pass
	5	23.63		2.3	25.93	<=33.01	Pass		
	3	0	23.45	2.3	25.75	<=33.01	Pass		
		2	23.59	2.3	25.89	<=33.01	Pass		
		3	23.45	2.3	25.75	<=33.01	Pass		
	6	0	22.72	2.3	25.02	<=33.01	Pass		
		1	0	23.86	2.3	26.16	<=33.01	Pass	
			2	23.82	2.3	26.12	<=33.01	Pass	
	5		23.59	2.3	25.89	<=33.01	Pass		
	3	0	23.60	2.3	25.9	<=33.01	Pass		
		2	23.50	2.3	25.8	<=33.01	Pass		
		3	23.50	2.3	25.8	<=33.01	Pass		
	6	0	22.78	2.3	25.08	<=33.01	Pass		
		1	0	22.99	2.3	25.29	<=33.01	Pass	
			2	22.91	2.3	25.21	<=33.01	Pass	
	5		22.83	2.3	25.13	<=33.01	Pass		
3	0	22.67	2.3	24.97	<=33.01	Pass			
	2	22.75	2.3	25.05	<=33.01	Pass			
	3	22.66	2.3	24.96	<=33.01	Pass			
6	0	21.80	2.3	24.1	<=33.01	Pass			
	1	0	22.80	2.3	25.1	<=33.01	Pass		
		2	22.75	2.3	25.05	<=33.01	Pass		
5		22.90	2.3	25.2	<=33.01	Pass			
3	0	22.58	2.3	24.88	<=33.01	Pass			
	2	22.54	2.3	24.84	<=33.01	Pass			
	3	22.68	2.3	24.98	<=33.01	Pass			
6	0	21.81	2.3	24.11	<=33.01	Pass			
	1	0	22.89	2.3	25.19	<=33.01	Pass		
		2	22.97	2.3	25.27	<=33.01	Pass		
5		22.87	2.3	25.17	<=33.01	Pass			
3	0	22.64	2.3	24.94	<=33.01	Pass			
	2	22.80	2.3	25.1	<=33.01	Pass			
	3	22.69	2.3	24.99	<=33.01	Pass			
6	0	21.86	2.3	24.16	<=33.01	Pass			
	1	0	22.53	2.3	24.83	<=33.01	Pass		
		2	22.62	2.3	24.92	<=33.01	Pass		
5		22.71	2.3	25.01	<=33.01	Pass			
3	0	22.75	2.3	25.05	<=33.01	Pass			

	1880	6	2	22.58	2.3	24.88	<=33.01	Pass	
			3	22.51	2.3	24.81	<=33.01	Pass	
		1	3	0	21.87	2.3	24.17	<=33.01	Pass
				0	22.62	2.3	24.92	<=33.01	Pass
				2	22.67	2.3	24.97	<=33.01	Pass
			6	5	22.63	2.3	24.93	<=33.01	Pass
	0			22.65	2.3	24.95	<=33.01	Pass	
	2			22.60	2.3	24.9	<=33.01	Pass	
	1909.3	3	3	22.65	2.3	24.95	<=33.01	Pass	
			0	21.80	2.3	24.1	<=33.01	Pass	
			0	22.83	2.3	25.13	<=33.01	Pass	
		6	1	2	22.50	2.3	24.8	<=33.01	Pass
			5	22.76	2.3	25.06	<=33.01	Pass	
			0	22.60	2.3	24.9	<=33.01	Pass	
	1	2	22.72	2.3	25.02	<=33.01	Pass		
		3	22.65	2.3	24.95	<=33.01	Pass		
		0	21.78	2.3	24.08	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 1.2 B2\_3MHz\_EIRP

### 1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	23.57	2.3	25.87	<=33.01	Pass		
			7	23.57	2.3	25.87	<=33.01	Pass		
			14	23.62	2.3	25.92	<=33.01	Pass		
		8	0	22.89	2.3	25.19	<=33.01	Pass		
			4	22.75	2.3	25.05	<=33.01	Pass		
			7	22.80	2.3	25.1	<=33.01	Pass		
		15	0	22.84	2.3	25.14	<=33.01	Pass		
		1880	1	0	23.44	2.3	25.74	<=33.01	Pass	
				7	23.51	2.3	25.81	<=33.01	Pass	
	14			23.75	2.3	26.05	<=33.01	Pass		
	8		0	22.75	2.3	25.05	<=33.01	Pass		
			4	22.77	2.3	25.07	<=33.01	Pass		
			7	22.85	2.3	25.15	<=33.01	Pass		
	15	0	22.85	2.3	25.15	<=33.01	Pass			
	1908.5	1	0	23.65	2.3	25.95	<=33.01	Pass		
			7	23.95	2.3	26.25	<=33.01	Pass		
			14	23.65	2.3	25.95	<=33.01	Pass		
		8	0	22.77	2.3	25.07	<=33.01	Pass		
			4	22.81	2.3	25.11	<=33.01	Pass		
			7	22.88	2.3	25.18	<=33.01	Pass		
		15	0	22.79	2.3	25.09	<=33.01	Pass		
		16QAM	1851.5	1	0	22.84	2.3	25.14	<=33.01	Pass
					7	23.06	2.3	25.36	<=33.01	Pass
	14				22.92	2.3	25.22	<=33.01	Pass	
8	0			21.91	2.3	24.21	<=33.01	Pass		
	4			21.85	2.3	24.15	<=33.01	Pass		
	7			21.82	2.3	24.12	<=33.01	Pass		
15	0			21.83	2.3	24.13	<=33.01	Pass		

64QAM	1880	1	0	22.79	2.3	25.09	<=33.01	Pass	
			7	22.77	2.3	25.07	<=33.01	Pass	
			14	22.72	2.3	25.02	<=33.01	Pass	
		8	0	21.92	2.3	24.22	<=33.01	Pass	
			4	21.88	2.3	24.18	<=33.01	Pass	
			7	21.97	2.3	24.27	<=33.01	Pass	
	15	0	21.82	2.3	24.12	<=33.01	Pass		
	1908.5	1	0	22.93	2.3	25.23	<=33.01	Pass	
			7	22.88	2.3	25.18	<=33.01	Pass	
			14	22.93	2.3	25.23	<=33.01	Pass	
		8	0	21.95	2.3	24.25	<=33.01	Pass	
			4	21.88	2.3	24.18	<=33.01	Pass	
			7	21.88	2.3	24.18	<=33.01	Pass	
	15	0	21.89	2.3	24.19	<=33.01	Pass		
	64QAM	1851.5	1	0	22.49	2.3	24.79	<=33.01	Pass
				7	22.75	2.3	25.05	<=33.01	Pass
				14	22.59	2.3	24.89	<=33.01	Pass
			8	0	21.83	2.3	24.13	<=33.01	Pass
4				21.83	2.3	24.13	<=33.01	Pass	
7				21.85	2.3	24.15	<=33.01	Pass	
15		0	21.81	2.3	24.11	<=33.01	Pass		
1880		1	0	22.61	2.3	24.91	<=33.01	Pass	
			7	22.85	2.3	25.15	<=33.01	Pass	
			14	22.63	2.3	24.93	<=33.01	Pass	
		8	0	21.84	2.3	24.14	<=33.01	Pass	
			4	21.86	2.3	24.16	<=33.01	Pass	
			7	21.81	2.3	24.11	<=33.01	Pass	
15		0	21.83	2.3	24.13	<=33.01	Pass		
1908.5		1	0	22.86	2.3	25.16	<=33.01	Pass	
			7	22.72	2.3	25.02	<=33.01	Pass	
			14	22.59	2.3	24.89	<=33.01	Pass	
		8	0	21.82	2.3	24.12	<=33.01	Pass	
	4		21.84	2.3	24.14	<=33.01	Pass		
	7		21.89	2.3	24.19	<=33.01	Pass		
15	0	21.87	2.3	24.17	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B2\_5MHz\_EIRP

#### 1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.53	2.3	25.83	<=33.01	Pass
			13	23.65	2.3	25.95	<=33.01	Pass
			24	23.55	2.3	25.85	<=33.01	Pass
		12	0	22.79	2.3	25.09	<=33.01	Pass
			6	22.83	2.3	25.13	<=33.01	Pass
			13	22.79	2.3	25.09	<=33.01	Pass
	25	0	22.79	2.3	25.09	<=33.01	Pass	
	1880	1	0	23.50	2.3	25.8	<=33.01	Pass
			13	23.80	2.3	26.1	<=33.01	Pass
			24	23.59	2.3	25.89	<=33.01	Pass

		12	0	22.78	2.3	25.08	<=33.01	Pass			
			6	22.88	2.3	25.18	<=33.01	Pass			
			13	22.79	2.3	25.09	<=33.01	Pass			
		25	0	22.74	2.3	25.04	<=33.01	Pass			
			1907.5	1	0	23.54	2.3	25.84	<=33.01	Pass	
					13	23.78	2.3	26.08	<=33.01	Pass	
	24	23.56			2.3	25.86	<=33.01	Pass			
	12	0		22.91	2.3	25.21	<=33.01	Pass			
		6		22.92	2.3	25.22	<=33.01	Pass			
		13		22.76	2.3	25.06	<=33.01	Pass			
	25	0	22.85	2.3	25.15	<=33.01	Pass				
	16QAM	1852.5	1	0	22.90	2.3	25.2	<=33.01	Pass		
13				22.93	2.3	25.23	<=33.01	Pass			
24				22.73	2.3	25.03	<=33.01	Pass			
12			0	21.75	2.3	24.05	<=33.01	Pass			
			6	21.85	2.3	24.15	<=33.01	Pass			
			13	21.83	2.3	24.13	<=33.01	Pass			
			25	0	21.83	2.3	24.13	<=33.01	Pass		
				1880	1	0	22.81	2.3	25.11	<=33.01	Pass
						13	22.91	2.3	25.21	<=33.01	Pass
24		22.73	2.3			25.03	<=33.01	Pass			
12		0	21.83		2.3	24.13	<=33.01	Pass			
		6	21.94		2.3	24.24	<=33.01	Pass			
		13	21.88		2.3	24.18	<=33.01	Pass			
25		0	21.78	2.3	24.08	<=33.01	Pass				
1907.5		1	0	22.95	2.3	25.25	<=33.01	Pass			
			13	23.08	2.3	25.38	<=33.01	Pass			
			24	22.73	2.3	25.03	<=33.01	Pass			
		12	0	22.02	2.3	24.32	<=33.01	Pass			
			6	21.91	2.3	24.21	<=33.01	Pass			
			13	21.86	2.3	24.16	<=33.01	Pass			
			25	0	21.84	2.3	24.14	<=33.01	Pass		
				1852.5	1	0	22.67	2.3	24.97	<=33.01	Pass
						13	22.86	2.3	25.16	<=33.01	Pass
24		22.66	2.3			24.96	<=33.01	Pass			
12	0	21.72	2.3		24.02	<=33.01	Pass				
	6	21.88	2.3		24.18	<=33.01	Pass				
	13	21.82	2.3		24.12	<=33.01	Pass				
	25	0	21.83		2.3	24.13	<=33.01	Pass			
	1880	1	0		22.60	2.3	24.9	<=33.01	Pass		
			13		22.62	2.3	24.92	<=33.01	Pass		
24			22.53	2.3	24.83	<=33.01	Pass				
12		0	21.83	2.3	24.13	<=33.01	Pass				
		6	21.95	2.3	24.25	<=33.01	Pass				
		13	21.86	2.3	24.16	<=33.01	Pass				
		25	0	21.77	2.3	24.07	<=33.01	Pass			
		1907.5	1	0	22.87	2.3	25.17	<=33.01	Pass		
				13	22.86	2.3	25.16	<=33.01	Pass		
24	22.53			2.3	24.83	<=33.01	Pass				
12	0		21.90	2.3	24.2	<=33.01	Pass				
	6		21.92	2.3	24.22	<=33.01	Pass				
	13		21.82	2.3	24.12	<=33.01	Pass				
	25		0	21.91	2.3	24.21	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B2\_10MHz\_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	23.61	2.3	25.91	<=33.01	Pass		
			25	23.71	2.3	26.01	<=33.01	Pass		
			49	23.60	2.3	25.9	<=33.01	Pass		
		25	0	22.90	2.3	25.2	<=33.01	Pass		
			13	22.85	2.3	25.15	<=33.01	Pass		
			25	22.78	2.3	25.08	<=33.01	Pass		
		50	0	22.81	2.3	25.11	<=33.01	Pass		
		1880	1	0	23.78	2.3	26.08	<=33.01	Pass	
				25	23.60	2.3	25.9	<=33.01	Pass	
	49			23.45	2.3	25.75	<=33.01	Pass		
	25		0	22.82	2.3	25.12	<=33.01	Pass		
			13	22.83	2.3	25.13	<=33.01	Pass		
			25	22.88	2.3	25.18	<=33.01	Pass		
	50		0	22.71	2.3	25.01	<=33.01	Pass		
	1905		1	0	23.94	2.3	26.24	<=33.01	Pass	
				25	23.60	2.3	25.9	<=33.01	Pass	
		49		23.69	2.3	25.99	<=33.01	Pass		
		25	0	22.92	2.3	25.22	<=33.01	Pass		
			13	22.98	2.3	25.28	<=33.01	Pass		
			25	22.94	2.3	25.24	<=33.01	Pass		
		50	0	22.91	2.3	25.21	<=33.01	Pass		
		16QAM	1855	1	0	23.02	2.3	25.32	<=33.01	Pass
					25	23.08	2.3	25.38	<=33.01	Pass
	49				22.87	2.3	25.17	<=33.01	Pass	
25	0			21.89	2.3	24.19	<=33.01	Pass		
	13			21.86	2.3	24.16	<=33.01	Pass		
	25			21.81	2.3	24.11	<=33.01	Pass		
50	0			21.93	2.3	24.23	<=33.01	Pass		
1880	1			0	22.89	2.3	25.19	<=33.01	Pass	
				25	22.92	2.3	25.22	<=33.01	Pass	
			49	22.65	2.3	24.95	<=33.01	Pass		
	25		0	21.67	2.3	23.97	<=33.01	Pass		
			13	21.78	2.3	24.08	<=33.01	Pass		
			25	21.93	2.3	24.23	<=33.01	Pass		
	50		0	21.76	2.3	24.06	<=33.01	Pass		
	1905		1	0	22.93	2.3	25.23	<=33.01	Pass	
				25	23.15	2.3	25.45	<=33.01	Pass	
49				22.73	2.3	25.03	<=33.01	Pass		
25			0	21.98	2.3	24.28	<=33.01	Pass		
			13	21.96	2.3	24.26	<=33.01	Pass		
			25	21.92	2.3	24.22	<=33.01	Pass		
50			0	21.98	2.3	24.28	<=33.01	Pass		
64QAM			1855	1	0	22.93	2.3	25.23	<=33.01	Pass
					25	22.87	2.3	25.17	<=33.01	Pass
	49				22.63	2.3	24.93	<=33.01	Pass	
	25	0		21.97	2.3	24.27	<=33.01	Pass		
		13		21.86	2.3	24.16	<=33.01	Pass		
		25		21.78	2.3	24.08	<=33.01	Pass		
	50	0		21.86	2.3	24.16	<=33.01	Pass		

	1880	1	0	22.65	2.3	24.95	<=33.01	Pass
			25	22.70	2.3	25	<=33.01	Pass
			49	22.67	2.3	24.97	<=33.01	Pass
		25	0	21.81	2.3	24.11	<=33.01	Pass
			13	21.87	2.3	24.17	<=33.01	Pass
			25	21.79	2.3	24.09	<=33.01	Pass
	50	0	21.75	2.3	24.05	<=33.01	Pass	
	1905	1	0	22.79	2.3	25.09	<=33.01	Pass
			25	22.89	2.3	25.19	<=33.01	Pass
			49	22.90	2.3	25.2	<=33.01	Pass
		25	0	21.98	2.3	24.28	<=33.01	Pass
			13	21.94	2.3	24.24	<=33.01	Pass
			25	21.90	2.3	24.2	<=33.01	Pass
		50	0	21.90	2.3	24.2	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

### 1.5 B2\_15MHz\_EIRP

#### 1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	23.69	2.3	25.99	<=33.01	Pass		
			38	23.53	2.3	25.83	<=33.01	Pass		
			74	23.44	2.3	25.74	<=33.01	Pass		
		36	0	22.88	2.3	25.18	<=33.01	Pass		
			18	22.72	2.3	25.02	<=33.01	Pass		
			39	22.70	2.3	25	<=33.01	Pass		
		75	0	22.82	2.3	25.12	<=33.01	Pass		
		1880	1	0	23.89	2.3	26.19	<=33.01	Pass	
				38	23.59	2.3	25.89	<=33.01	Pass	
	74			23.46	2.3	25.76	<=33.01	Pass		
	36		0	22.74	2.3	25.04	<=33.01	Pass		
			18	22.76	2.3	25.06	<=33.01	Pass		
			39	22.68	2.3	24.98	<=33.01	Pass		
	75		0	22.72	2.3	25.02	<=33.01	Pass		
	1902.5		1	0	23.63	2.3	25.93	<=33.01	Pass	
				38	23.66	2.3	25.96	<=33.01	Pass	
		74		23.86	2.3	26.16	<=33.01	Pass		
		36	0	22.97	2.3	25.27	<=33.01	Pass		
			18	22.95	2.3	25.25	<=33.01	Pass		
			39	22.85	2.3	25.15	<=33.01	Pass		
		75	0	22.94	2.3	25.24	<=33.01	Pass		
		16QAM	1857.5	1	0	23.05	2.3	25.35	<=33.01	Pass
					38	23.25	2.3	25.55	<=33.01	Pass
	74				22.74	2.3	25.04	<=33.01	Pass	
36	0			21.80	2.3	24.1	<=33.01	Pass		
	18			21.87	2.3	24.17	<=33.01	Pass		
	39			21.76	2.3	24.06	<=33.01	Pass		
75	0			21.84	2.3	24.14	<=33.01	Pass		
1880	1			0	22.70	2.3	25	<=33.01	Pass	
				38	23.01	2.3	25.31	<=33.01	Pass	
			74	22.80	2.3	25.1	<=33.01	Pass		

64QAM	1902.5	36	0	21.79	2.3	24.09	<=33.01	Pass	
			18	21.74	2.3	24.04	<=33.01	Pass	
			39	21.62	2.3	23.92	<=33.01	Pass	
		75	0	21.75	2.3	24.05	<=33.01	Pass	
			0	23.00	2.3	25.3	<=33.01	Pass	
			38	22.89	2.3	25.19	<=33.01	Pass	
		1	74	22.70	2.3	25	<=33.01	Pass	
			36	0	21.96	2.3	24.26	<=33.01	Pass
				18	21.93	2.3	24.23	<=33.01	Pass
	39	21.89		2.3	24.19	<=33.01	Pass		
	75	0	21.90	2.3	24.2	<=33.01	Pass		
		1857.5	1	0	22.82	2.3	25.12	<=33.01	Pass
				38	22.76	2.3	25.06	<=33.01	Pass
	74			22.61	2.3	24.91	<=33.01	Pass	
	1880	36	0	21.83	2.3	24.13	<=33.01	Pass	
			18	21.78	2.3	24.08	<=33.01	Pass	
			39	21.77	2.3	24.07	<=33.01	Pass	
		75	0	21.74	2.3	24.04	<=33.01	Pass	
1			0	22.84	2.3	25.14	<=33.01	Pass	
			38	22.68	2.3	24.98	<=33.01	Pass	
		74	22.70	2.3	25	<=33.01	Pass		
36			0	21.80	2.3	24.1	<=33.01	Pass	
			18	21.80	2.3	24.1	<=33.01	Pass	
	39	21.70	2.3	24	<=33.01	Pass			
75	0	21.85	2.3	24.15	<=33.01	Pass			
	1902.5	1	0	22.78	2.3	25.08	<=33.01	Pass	
			38	22.83	2.3	25.13	<=33.01	Pass	
74			22.65	2.3	24.95	<=33.01	Pass		
36	0	22.03	2.3	24.33	<=33.01	Pass			
	18	21.95	2.3	24.25	<=33.01	Pass			
	39	21.86	2.3	24.16	<=33.01	Pass			
75	0	21.88	2.3	24.18	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 1.6 B2\_20MHz\_EIRP

### 1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1860	1	0	23.71	2.3	26.01	<=33.01	Pass		
			50	23.72	2.3	26.02	<=33.01	Pass		
			99	23.38	2.3	25.68	<=33.01	Pass		
		50	0	22.75	2.3	25.05	<=33.01	Pass		
			25	22.85	2.3	25.15	<=33.01	Pass		
			50	22.75	2.3	25.05	<=33.01	Pass		
		100	0	22.81	2.3	25.11	<=33.01	Pass		
			1880	1	0	23.77	2.3	26.07	<=33.01	Pass
					50	24.04	2.3	26.34	<=33.01	Pass
	99	23.62			2.3	25.92	<=33.01	Pass		
	50	0	22.79	2.3	25.09	<=33.01	Pass			
		25	22.80	2.3	25.1	<=33.01	Pass			
		50	22.71	2.3	25.01	<=33.01	Pass			

	1900	1	100	0	22.77	2.3	25.07	<=33.01	Pass
			50	0	23.74	2.3	26.04	<=33.01	Pass
				50	23.78	2.3	26.08	<=33.01	Pass
		50	99	23.74	2.3	26.04	<=33.01	Pass	
			0	23.10	2.3	25.4	<=33.01	Pass	
			25	22.90	2.3	25.2	<=33.01	Pass	
		100	50	50	22.89	2.3	25.19	<=33.01	Pass
				100	0	22.94	2.3	25.24	<=33.01
			1	0	22.83	2.3	25.13	<=33.01	Pass
				50	23.05	2.3	25.35	<=33.01	Pass
99	22.82	2.3		25.12	<=33.01	Pass			
16QAM	1860	50	0	21.79	2.3	24.09	<=33.01	Pass	
			25	21.79	2.3	24.09	<=33.01	Pass	
			50	21.70	2.3	24	<=33.01	Pass	
		100	0	21.75	2.3	24.05	<=33.01	Pass	
			1	0	22.84	2.3	25.14	<=33.01	Pass
				50	22.81	2.3	25.11	<=33.01	Pass
	99	22.82		2.3	25.12	<=33.01	Pass		
	1880	50	0	21.85	2.3	24.15	<=33.01	Pass	
			25	21.84	2.3	24.14	<=33.01	Pass	
			50	21.74	2.3	24.04	<=33.01	Pass	
100		0	21.81	2.3	24.11	<=33.01	Pass		
1900	1	0	23.06	2.3	25.36	<=33.01	Pass		
		50	22.95	2.3	25.25	<=33.01	Pass		
		99	22.95	2.3	25.25	<=33.01	Pass		
	50	0	22.01	2.3	24.31	<=33.01	Pass		
		25	21.96	2.3	24.26	<=33.01	Pass		
		50	21.86	2.3	24.16	<=33.01	Pass		
100	0	22.01	2.3	24.31	<=33.01	Pass			
64QAM	1860	1	0	22.80	2.3	25.1	<=33.01	Pass	
			50	22.74	2.3	25.04	<=33.01	Pass	
			99	22.49	2.3	24.79	<=33.01	Pass	
		50	0	21.75	2.3	24.05	<=33.01	Pass	
			25	21.88	2.3	24.18	<=33.01	Pass	
			50	21.77	2.3	24.07	<=33.01	Pass	
	100	0	21.84	2.3	24.14	<=33.01	Pass		
	1880	1	0	22.65	2.3	24.95	<=33.01	Pass	
			50	22.67	2.3	24.97	<=33.01	Pass	
			99	22.62	2.3	24.92	<=33.01	Pass	
		50	0	21.87	2.3	24.17	<=33.01	Pass	
			25	21.75	2.3	24.05	<=33.01	Pass	
			50	21.75	2.3	24.05	<=33.01	Pass	
	100	0	21.71	2.3	24.01	<=33.01	Pass		
	1900	1	0	22.70	2.3	25	<=33.01	Pass	
			50	22.86	2.3	25.16	<=33.01	Pass	
			99	22.71	2.3	25.01	<=33.01	Pass	
		50	0	22.05	2.3	24.35	<=33.01	Pass	
25			21.95	2.3	24.25	<=33.01	Pass		
50			21.85	2.3	24.15	<=33.01	Pass		
100	0	22.00	2.3	24.3	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability



2.1 B2\_1.4MHz

2.1.1 Test Result

Band: 2 / 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	1850.7	6	0	20	3.27	-1.800	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.000	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.300	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.800	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.500	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.85	3.400	0.0018	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.400	0.0002	-2.5 to 2.5	Pass
	50	3.85	-0.800	-0.0004	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-13.500	-0.0072	-2.5 to 2.5	Pass
					3.85	-15.000	-0.0080	-2.5 to 2.5	Pass
					4.43	-12.200	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-9.700	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-13.000	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-15.500	-0.0082	-2.5 to 2.5	Pass
				0	3.85	-7.100	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-7.600	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-8.400	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-9.900	-0.0053	-2.5 to 2.5	Pass
	50	3.85	-8.000	-0.0043	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-12.000	-0.0063	-2.5 to 2.5	Pass
					3.85	-12.800	-0.0067	-2.5 to 2.5	Pass
					4.43	-21.700	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-15.900	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-18.300	-0.0096	-2.5 to 2.5	Pass
				-10	3.85	-13.600	-0.0071	-2.5 to 2.5	Pass
				0	3.85	-19.300	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-17.900	-0.0094	-2.5 to 2.5	Pass
30				3.85	-21.500	-0.0113	-2.5 to 2.5	Pass	
40				3.85	-16.400	-0.0086	-2.5 to 2.5	Pass	
50	3.85	-21.000	-0.0110	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	1.500	0.0008	-2.5 to 2.5	Pass
					3.85	-2.300	-0.0012	-2.5 to 2.5	Pass
					4.43	2.200	0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.000	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.100	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.85	1.300	0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.100	-0.0011	-2.5 to 2.5	Pass
				40	3.85	2.500	0.0014	-2.5 to 2.5	Pass
	50	3.85	4.800	0.0026	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-8.900	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.800	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.900	-0.0005	-2.5 to 2.5	Pass
-30				3.85	-3.700	-0.0020	-2.5 to 2.5	Pass	
-20	3.85	-2.200	-0.0012	-2.5 to 2.5	Pass				

				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.700	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.800	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.700	-0.0004	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	-19.500	-0.0102	-2.5 to 2.5	Pass
					3.85	-15.100	-0.0079	-2.5 to 2.5	Pass
					4.43	-18.200	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-14.500	-0.0076	-2.5 to 2.5	Pass
				-20	3.85	-10.300	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-12.400	-0.0065	-2.5 to 2.5	Pass
		0	0	3.85	-9.500	-0.0050	-2.5 to 2.5	Pass	
			10	3.85	-10.600	-0.0056	-2.5 to 2.5	Pass	
			30	3.85	-7.800	-0.0041	-2.5 to 2.5	Pass	
			40	3.85	-5.900	-0.0031	-2.5 to 2.5	Pass	
			50	3.85	-7.900	-0.0041	-2.5 to 2.5	Pass	
			64QAM	1850.7	6	0	20	3.27	169.700
3.85	-180.500	-0.0975						-2.5 to 2.5	Pass
4.43	199.200	0.1076						-2.5 to 2.5	Pass
-30	3.85	189.300					0.1023	-2.5 to 2.5	Pass
-20	3.85	191.900					0.1037	-2.5 to 2.5	Pass
-10	3.85	-171.000					-0.0924	-2.5 to 2.5	Pass
0	0	3.85			-132.000	-0.0713	-2.5 to 2.5	Pass	
	10	3.85			88.100	0.0476	-2.5 to 2.5	Pass	
	30	3.85			191.500	0.1035	-2.5 to 2.5	Pass	
	40	3.85			176.600	0.0954	-2.5 to 2.5	Pass	
	50	3.85			-152.100	-0.0822	-2.5 to 2.5	Pass	
	1880	6			0	20	3.27	-190.100	-0.1011
3.85				191.500			0.1019	-2.5 to 2.5	Pass
4.43				-184.900			-0.0984	-2.5 to 2.5	Pass
-30				3.85		-152.600	-0.0812	-2.5 to 2.5	Pass
-20				3.85		-185.500	-0.0987	-2.5 to 2.5	Pass
-10				3.85		179.200	0.0953	-2.5 to 2.5	Pass
0	0	3.85		160.800	0.0855	-2.5 to 2.5	Pass		
	10	3.85	185.300	0.0986	-2.5 to 2.5	Pass			
	30	3.85	-165.700	-0.0881	-2.5 to 2.5	Pass			
	40	3.85	197.600	0.1051	-2.5 to 2.5	Pass			
	50	3.85	-192.600	-0.1024	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	188.200	0.0986	-2.5 to 2.5	Pass
3.85					-182.300	-0.0955	-2.5 to 2.5	Pass	
4.43					-149.200	-0.0781	-2.5 to 2.5	Pass	
-30				3.85	-74.500	-0.0390	-2.5 to 2.5	Pass	
-20				3.85	-157.000	-0.0822	-2.5 to 2.5	Pass	
-10				3.85	184.600	0.0967	-2.5 to 2.5	Pass	
0		0	3.85	-191.600	-0.1004	-2.5 to 2.5	Pass		
		10	3.85	182.900	0.0958	-2.5 to 2.5	Pass		
		30	3.85	-43.800	-0.0229	-2.5 to 2.5	Pass		
		40	3.85	-160.100	-0.0839	-2.5 to 2.5	Pass		
		50	3.85	-169.200	-0.0886	-2.5 to 2.5	Pass		

## 2.2 B2\_3MHz

### 2.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	0.800	0.0004	-2.5 to 2.5	Pass
					3.85	0.700	0.0004	-2.5 to 2.5	Pass
					4.43	1.900	0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.100	0.0022	-2.5 to 2.5	Pass
				-20	3.85	3.000	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.000	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.500	0.0008	-2.5 to 2.5	Pass
				40	3.85	1.500	0.0008	-2.5 to 2.5	Pass
	50	3.85	0.700	0.0004	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	3.300	0.0018	-2.5 to 2.5	Pass
					3.85	3.400	0.0018	-2.5 to 2.5	Pass
					4.43	4.700	0.0025	-2.5 to 2.5	Pass
				-30	3.85	4.700	0.0025	-2.5 to 2.5	Pass
				-20	3.85	5.000	0.0027	-2.5 to 2.5	Pass
				-10	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.85	3.700	0.0020	-2.5 to 2.5	Pass
				10	3.85	3.800	0.0020	-2.5 to 2.5	Pass
				30	3.85	4.800	0.0026	-2.5 to 2.5	Pass
				40	3.85	4.100	0.0022	-2.5 to 2.5	Pass
	50	3.85	3.300	0.0018	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.43	2.700	0.0014	-2.5 to 2.5	Pass
				-30	3.85	3.500	0.0018	-2.5 to 2.5	Pass
				-20	3.85	1.500	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.200	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.800	0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
30				3.85	0.800	0.0004	-2.5 to 2.5	Pass	
40				3.85	1.900	0.0010	-2.5 to 2.5	Pass	
50	3.85	2.900	0.0015	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	1.500	0.0008	-2.5 to 2.5	Pass
					3.85	1.300	0.0007	-2.5 to 2.5	Pass
					4.43	0.700	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.700	0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.600	0.0003	-2.5 to 2.5	Pass
				-10	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.85	1.800	0.0010	-2.5 to 2.5	Pass
	50	3.85	1.200	0.0006	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	1.500	0.0008	-2.5 to 2.5	Pass
					3.85	0.300	0.0002	-2.5 to 2.5	Pass
					4.43	2.700	0.0014	-2.5 to 2.5	Pass
				-30	3.85	5.000	0.0027	-2.5 to 2.5	Pass
				-20	3.85	3.100	0.0016	-2.5 to 2.5	Pass
				-10	3.85	1.400	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	1.400	0.0007	-2.5 to 2.5	Pass
				30	3.85	4.900	0.0026	-2.5 to 2.5	Pass

	1908.5	15	0	40	3.85	3.200	0.0017	-2.5 to 2.5	Pass			
				50	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass			
				20	3.27	2.800	0.0015	-2.5 to 2.5	Pass			
					3.85	0.400	0.0002	-2.5 to 2.5	Pass			
					4.43	-2.300	-0.0012	-2.5 to 2.5	Pass			
				-30	3.85	1.600	0.0008	-2.5 to 2.5	Pass			
				-20	3.85	1.200	0.0006	-2.5 to 2.5	Pass			
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass			
				0	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass			
				10	3.85	3.800	0.0020	-2.5 to 2.5	Pass			
				30	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass			
				40	3.85	2.400	0.0013	-2.5 to 2.5	Pass			
				50	3.85	2.800	0.0015	-2.5 to 2.5	Pass			
				64QAM	1851.5	15	0	20	3.27	75.600	0.0408	-2.5 to 2.5
3.85	3.100	0.0017	-2.5 to 2.5						Pass			
4.43	-28.100	-0.0152	-2.5 to 2.5						Pass			
-30	3.85	-37.600	-0.0203					-2.5 to 2.5	Pass			
-20	3.85	-108.500	-0.0586					-2.5 to 2.5	Pass			
-10	3.85	52.400	0.0283					-2.5 to 2.5	Pass			
0	3.85	-53.200	-0.0287					-2.5 to 2.5	Pass			
10	3.85	-60.400	-0.0326					-2.5 to 2.5	Pass			
30	3.85	45.800	0.0247					-2.5 to 2.5	Pass			
40	3.85	-9.500	-0.0051					-2.5 to 2.5	Pass			
50	3.85	52.500	0.0284					-2.5 to 2.5	Pass			
1880	15	0	20					3.27	-86.400	-0.0460	-2.5 to 2.5	Pass
								3.85	76.900	0.0409	-2.5 to 2.5	Pass
								4.43	50.600	0.0269	-2.5 to 2.5	Pass
			-30		3.85	55.700	0.0296	-2.5 to 2.5	Pass			
			-20		3.85	-22.900	-0.0122	-2.5 to 2.5	Pass			
			-10		3.85	31.200	0.0166	-2.5 to 2.5	Pass			
			0		3.85	15.900	0.0085	-2.5 to 2.5	Pass			
			10		3.85	-83.600	-0.0445	-2.5 to 2.5	Pass			
			30		3.85	-33.100	-0.0176	-2.5 to 2.5	Pass			
			40		3.85	-53.800	-0.0286	-2.5 to 2.5	Pass			
			50		3.85	24.000	0.0128	-2.5 to 2.5	Pass			
			1908.5		15	0	20	3.27	15.500	0.0081	-2.5 to 2.5	Pass
								3.85	38.700	0.0203	-2.5 to 2.5	Pass
								4.43	54.000	0.0283	-2.5 to 2.5	Pass
-30	3.85	-147.600					-0.0773	-2.5 to 2.5	Pass			
-20	3.85	35.100					0.0184	-2.5 to 2.5	Pass			
-10	3.85	2.600					0.0014	-2.5 to 2.5	Pass			
0	3.85	-59.400		-0.0311			-2.5 to 2.5	Pass				
10	3.85	-85.800		-0.0450			-2.5 to 2.5	Pass				
30	3.85	29.300		0.0154			-2.5 to 2.5	Pass				
40	3.85	136.300		0.0714			-2.5 to 2.5	Pass				
50	3.85	-4.700		-0.0025			-2.5 to 2.5	Pass				

## 2.3 B2\_5MHz

### 2.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	1852.5	25	0	20	3.27	-1.800	-0.0010	-2.5 to 2.5	Pass							
					3.85	-0.900	-0.0005	-2.5 to 2.5	Pass							
					4.43	-2.100	-0.0011	-2.5 to 2.5	Pass							
				1880	25	0	-30	3.85	-1.700	-0.0009	-2.5 to 2.5	Pass				
								-20	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass			
								-10	3.85	-0.800	-0.0004	-2.5 to 2.5	Pass			
							1907.5	25	0	0	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass	
											10	3.85	-3.000	-0.0016	-2.5 to 2.5	Pass
											30	3.85	-2.700	-0.0015	-2.5 to 2.5	Pass
	1852.5	25	0							40	3.85	-1.900	-0.0010	-2.5 to 2.5	Pass	
											50	3.85	-4.000	-0.0022	-2.5 to 2.5	Pass
											20	3.27	2.300	0.0012	-2.5 to 2.5	Pass
				1880	25	0				20	3.85	0.800	0.0004	-2.5 to 2.5	Pass	
											4.43	1.900	0.0010	-2.5 to 2.5	Pass	
											-30	3.85	0.700	0.0004	-2.5 to 2.5	Pass
							1907.5	25	0	-20	3.85	0.700	0.0004	-2.5 to 2.5	Pass	
											-10	3.85	2.600	0.0014	-2.5 to 2.5	Pass
											0	3.85	2.700	0.0014	-2.5 to 2.5	Pass
	1852.5	25	0							10	3.85	0.300	0.0002	-2.5 to 2.5	Pass	
											30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
											40	3.85	-0.800	-0.0004	-2.5 to 2.5	Pass
				1880	25	0				50	3.85	0.900	0.0005	-2.5 to 2.5	Pass	
											20	3.27	-1.600	-0.0008	-2.5 to 2.5	Pass
											3.85	-0.900	-0.0005	-2.5 to 2.5	Pass	
							1907.5	25	0	4.43	0.300	0.0002	-2.5 to 2.5	Pass		
											-30	3.85	1.100	0.0006	-2.5 to 2.5	Pass
											-20	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
1852.5	25	0	-10							3.85	0.600	0.0003	-2.5 to 2.5	Pass		
										0	3.85	0.200	0.0001	-2.5 to 2.5	Pass	
										10	3.85	-2.000	-0.0010	-2.5 to 2.5	Pass	
			1880	25	0	30				3.85	2.500	0.0013	-2.5 to 2.5	Pass		
										40	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass	
										50	3.85	1.600	0.0008	-2.5 to 2.5	Pass	
						1907.5	25	0	20	3.27	-1.600	-0.0009	-2.5 to 2.5	Pass		
										3.85	-0.600	-0.0003	-2.5 to 2.5	Pass		
										4.43	-0.800	-0.0004	-2.5 to 2.5	Pass		
1852.5	25	0							-30	3.85	-2.300	-0.0012	-2.5 to 2.5	Pass		
										-20	3.85	-4.200	-0.0023	-2.5 to 2.5	Pass	
										-10	3.85	-2.300	-0.0012	-2.5 to 2.5	Pass	
			1880	25	0				0	3.85	-2.600	-0.0014	-2.5 to 2.5	Pass		
										10	3.85	-2.800	-0.0015	-2.5 to 2.5	Pass	
										30	3.85	-4.000	-0.0022	-2.5 to 2.5	Pass	
						1907.5	25	0	40	3.85	-1.100	-0.0006	-2.5 to 2.5	Pass		
										50	3.85	-2.900	-0.0016	-2.5 to 2.5	Pass	
										20	3.27	0.200	0.0001	-2.5 to 2.5	Pass	
1852.5	25	0							20	3.85	0.300	0.0002	-2.5 to 2.5	Pass		
										4.43	1.400	0.0007	-2.5 to 2.5	Pass		
										-30	3.85	2.900	0.0015	-2.5 to 2.5	Pass	
			1880	25	0				-20	3.85	4.800	0.0026	-2.5 to 2.5	Pass		
										-10	3.85	1.500	0.0008	-2.5 to 2.5	Pass	
										0	3.85	1.100	0.0006	-2.5 to 2.5	Pass	
						1907.5	25	0	10	3.85	0.600	0.0003	-2.5 to 2.5	Pass		
										30	3.85	0.400	0.0002	-2.5 to 2.5	Pass	
										40	3.85	3.300	0.0018	-2.5 to 2.5	Pass	
1852.5	25	0							50	3.85	1.200	0.0006	-2.5 to 2.5	Pass		
										20	3.27	-0.900	-0.0005	-2.5 to 2.5	Pass	

					3.85	1.500	0.0008	-2.5 to 2.5	Pass
					4.43	0.600	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.600	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.000	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.900	0.0005	-2.5 to 2.5	Pass
				10	3.85	2.000	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.900	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.100	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.700	0.0009	-2.5 to 2.5	Pass
64QAM	1852.5	25	0	20	3.27	24.500	0.0132	-2.5 to 2.5	Pass
					3.85	-24.700	-0.0133	-2.5 to 2.5	Pass
					4.43	14.300	0.0077	-2.5 to 2.5	Pass
				-30	3.85	35.100	0.0189	-2.5 to 2.5	Pass
				-20	3.85	-102.300	-0.0552	-2.5 to 2.5	Pass
				-10	3.85	47.100	0.0254	-2.5 to 2.5	Pass
				0	3.85	2.600	0.0014	-2.5 to 2.5	Pass
				10	3.85	38.400	0.0207	-2.5 to 2.5	Pass
				30	3.85	-13.500	-0.0073	-2.5 to 2.5	Pass
				40	3.85	1.600	0.0009	-2.5 to 2.5	Pass
	50	3.85	-4.900	-0.0026	-2.5 to 2.5	Pass			
		3.27	8.900	0.0047	-2.5 to 2.5	Pass			
		3.85	5.000	0.0027	-2.5 to 2.5	Pass			
		4.43	-33.700	-0.0179	-2.5 to 2.5	Pass			
		3.85	31.500	0.0168	-2.5 to 2.5	Pass			
		3.85	6.200	0.0033	-2.5 to 2.5	Pass			
		3.85	41.200	0.0219	-2.5 to 2.5	Pass			
		3.85	28.700	0.0153	-2.5 to 2.5	Pass			
		3.85	9.200	0.0049	-2.5 to 2.5	Pass			
		3.85	26.200	0.0139	-2.5 to 2.5	Pass			
	3.85	17.600	0.0094	-2.5 to 2.5	Pass				
	3.85	31.800	0.0169	-2.5 to 2.5	Pass				
	3.27	0.400	0.0002	-2.5 to 2.5	Pass				
	3.85	-22.000	-0.0115	-2.5 to 2.5	Pass				
	4.43	7.700	0.0040	-2.5 to 2.5	Pass				
	3.85	27.900	0.0146	-2.5 to 2.5	Pass				
	3.85	27.200	0.0143	-2.5 to 2.5	Pass				
	3.85	11.300	0.0059	-2.5 to 2.5	Pass				
	3.85	25.300	0.0133	-2.5 to 2.5	Pass				
	3.85	36.100	0.0189	-2.5 to 2.5	Pass				
	3.85	-38.000	-0.0199	-2.5 to 2.5	Pass				
	3.85	4.600	0.0024	-2.5 to 2.5	Pass				
	3.85	-17.000	-0.0089	-2.5 to 2.5	Pass				

## 2.4 B2\_10MHz

### 2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	2.100	0.0011	-2.5 to 2.5	Pass
					3.85	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.43	2.200	0.0012	-2.5 to 2.5	Pass

				-30	3.85	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.600	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.000	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.85	2.900	0.0016	-2.5 to 2.5	Pass
				50	3.85	3.300	0.0018	-2.5 to 2.5	Pass
	1880	50	0	20	3.27	0.400	0.0002	-2.5 to 2.5	Pass
					3.85	1.900	0.0010	-2.5 to 2.5	Pass
					4.43	2.800	0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.600	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.300	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.200	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.600	0.0014	-2.5 to 2.5	Pass
				30	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				40	3.85	3.000	0.0016	-2.5 to 2.5	Pass
				50	3.85	1.700	0.0009	-2.5 to 2.5	Pass
				1905	50	0	20	3.27	-0.400
	3.85	-0.900	-0.0005					-2.5 to 2.5	Pass
	4.43	-1.900	-0.0010					-2.5 to 2.5	Pass
	-30	3.85	-2.700				-0.0014	-2.5 to 2.5	Pass
	-20	3.85	-2.900				-0.0015	-2.5 to 2.5	Pass
	-10	3.85	-1.600				-0.0008	-2.5 to 2.5	Pass
	0	3.85	-2.800				-0.0015	-2.5 to 2.5	Pass
	10	3.85	-0.900				-0.0005	-2.5 to 2.5	Pass
	30	3.85	0.300				0.0002	-2.5 to 2.5	Pass
40	3.85	-1.100	-0.0006				-2.5 to 2.5	Pass	
50	3.85	-2.300	-0.0012				-2.5 to 2.5	Pass	
16QAM	1855	50	0				20	3.27	-0.200
				3.85	2.700	0.0015		-2.5 to 2.5	Pass
				4.43	3.000	0.0016		-2.5 to 2.5	Pass
				-30	3.85	1.200	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.900	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
				0	3.85	3.500	0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.200	-0.0006	-2.5 to 2.5	Pass
				30	3.85	1.000	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	1.200	0.0006	-2.5 to 2.5	Pass
				1880	50	0	20	3.27	2.100
	3.85	3.900	0.0021					-2.5 to 2.5	Pass
	4.43	1.700	0.0009					-2.5 to 2.5	Pass
	-30	3.85	1.100				0.0006	-2.5 to 2.5	Pass
	-20	3.85	2.900				0.0015	-2.5 to 2.5	Pass
	-10	3.85	1.700				0.0009	-2.5 to 2.5	Pass
	0	3.85	3.200				0.0017	-2.5 to 2.5	Pass
	10	3.85	3.300				0.0018	-2.5 to 2.5	Pass
	30	3.85	2.000				0.0011	-2.5 to 2.5	Pass
	40	3.85	1.700				0.0009	-2.5 to 2.5	Pass
	50	3.85	1.200				0.0006	-2.5 to 2.5	Pass
	1905	50	0				20	3.27	-0.400
				3.85	-2.900	-0.0015		-2.5 to 2.5	Pass
				4.43	-3.300	-0.0017		-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass

				-20	3.85	-3.000	-0.0016	-2.5 to 2.5	Pass			
				-10	3.85	-1.700	-0.0009	-2.5 to 2.5	Pass			
				0	3.85	-2.200	-0.0012	-2.5 to 2.5	Pass			
				10	3.85	-1.300	-0.0007	-2.5 to 2.5	Pass			
				30	3.85	-2.300	-0.0012	-2.5 to 2.5	Pass			
				40	3.85	-3.200	-0.0017	-2.5 to 2.5	Pass			
				50	3.85	-0.800	-0.0004	-2.5 to 2.5	Pass			
64QAM	1855	50	0	20	3.27	-16.000	-0.0086	-2.5 to 2.5	Pass			
					3.85	22.700	0.0122	-2.5 to 2.5	Pass			
					4.43	-3.900	-0.0021	-2.5 to 2.5	Pass			
				-30	3.85	-18.400	-0.0099	-2.5 to 2.5	Pass			
				-20	3.85	33.000	0.0178	-2.5 to 2.5	Pass			
				-10	3.85	-13.700	-0.0074	-2.5 to 2.5	Pass			
				0	3.85	15.000	0.0081	-2.5 to 2.5	Pass			
				10	3.85	8.000	0.0043	-2.5 to 2.5	Pass			
				30	3.85	-18.000	-0.0097	-2.5 to 2.5	Pass			
				40	3.85	-1.900	-0.0010	-2.5 to 2.5	Pass			
				50	3.85	9.200	0.0050	-2.5 to 2.5	Pass			
				1880	50	0	20	3.27	-11.600	-0.0062	-2.5 to 2.5	Pass
								3.85	38.100	0.0203	-2.5 to 2.5	Pass
								4.43	-1.100	-0.0006	-2.5 to 2.5	Pass
							-30	3.85	13.500	0.0072	-2.5 to 2.5	Pass
	-20	3.85	8.900				0.0047	-2.5 to 2.5	Pass			
	-10	3.85	24.300				0.0129	-2.5 to 2.5	Pass			
	0	3.85	16.200				0.0086	-2.5 to 2.5	Pass			
	10	3.85	-18.300				-0.0097	-2.5 to 2.5	Pass			
	30	3.85	0.000				0.0000	-2.5 to 2.5	Pass			
	40	3.85	-24.000				-0.0128	-2.5 to 2.5	Pass			
	50	3.85	0.200				0.0001	-2.5 to 2.5	Pass			
	1905	50	0				20	3.27	-3.100	-0.0016	-2.5 to 2.5	Pass
								3.85	-19.100	-0.0100	-2.5 to 2.5	Pass
								4.43	-21.600	-0.0113	-2.5 to 2.5	Pass
							-30	3.85	24.700	0.0130	-2.5 to 2.5	Pass
				-20	3.85	24.900	0.0131	-2.5 to 2.5	Pass			
				-10	3.85	15.500	0.0081	-2.5 to 2.5	Pass			
				0	3.85	13.400	0.0070	-2.5 to 2.5	Pass			
				10	3.85	17.800	0.0093	-2.5 to 2.5	Pass			
30				3.85	13.000	0.0068	-2.5 to 2.5	Pass				
40				3.85	3.100	0.0016	-2.5 to 2.5	Pass				
50				3.85	-17.900	-0.0094	-2.5 to 2.5	Pass				

## 2.5 B2\_15MHz

### 2.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	2.200	0.0012	-2.5 to 2.5	Pass
					4.43	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.85	4.400	0.0024	-2.5 to 2.5	Pass
				-10	3.85	4.700	0.0025	-2.5 to 2.5	Pass



				0	3.85	2.200	0.0012	-2.5 to 2.5	Pass				
				10	3.85	1.700	0.0009	-2.5 to 2.5	Pass				
				30	3.85	3.100	0.0017	-2.5 to 2.5	Pass				
				40	3.85	3.900	0.0021	-2.5 to 2.5	Pass				
				50	3.85	0.700	0.0004	-2.5 to 2.5	Pass				
	1880	75	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass				
					3.85	0.700	0.0004	-2.5 to 2.5	Pass				
					4.43	2.300	0.0012	-2.5 to 2.5	Pass				
				-30	3.85	2.900	0.0015	-2.5 to 2.5	Pass				
				-20	3.85	1.300	0.0007	-2.5 to 2.5	Pass				
				-10	3.85	1.500	0.0008	-2.5 to 2.5	Pass				
				0	3.85	3.400	0.0018	-2.5 to 2.5	Pass				
				10	3.85	1.600	0.0009	-2.5 to 2.5	Pass				
				30	3.85	2.500	0.0013	-2.5 to 2.5	Pass				
				40	3.85	1.500	0.0008	-2.5 to 2.5	Pass				
				50	3.85	0.800	0.0004	-2.5 to 2.5	Pass				
				1902.5	75	0	20	3.27	0.600	0.0003	-2.5 to 2.5	Pass	
								3.85	2.000	0.0011	-2.5 to 2.5	Pass	
	4.43	1.800	0.0009					-2.5 to 2.5	Pass				
	-30	3.85	0.700				0.0004	-2.5 to 2.5	Pass				
	-20	3.85	1.600				0.0008	-2.5 to 2.5	Pass				
	-10	3.85	1.400				0.0007	-2.5 to 2.5	Pass				
	0	3.85	2.500				0.0013	-2.5 to 2.5	Pass				
	10	3.85	2.100				0.0011	-2.5 to 2.5	Pass				
	30	3.85	1.600				0.0008	-2.5 to 2.5	Pass				
	40	3.85	1.100				0.0006	-2.5 to 2.5	Pass				
	50	3.85	3.300				0.0017	-2.5 to 2.5	Pass				
	16QAM	1857.5	75				0	20	3.27	0.600	0.0003	-2.5 to 2.5	Pass
									3.85	0.600	0.0003	-2.5 to 2.5	Pass
				4.43	1.400	0.0008			-2.5 to 2.5	Pass			
				-30	3.85	0.700		0.0004	-2.5 to 2.5	Pass			
				-20	3.85	-0.700		-0.0004	-2.5 to 2.5	Pass			
				-10	3.85	0.900		0.0005	-2.5 to 2.5	Pass			
0				3.85	4.100	0.0022		-2.5 to 2.5	Pass				
10				3.85	1.900	0.0010		-2.5 to 2.5	Pass				
30				3.85	-1.100	-0.0006		-2.5 to 2.5	Pass				
40				3.85	1.000	0.0005		-2.5 to 2.5	Pass				
50				3.85	1.200	0.0006		-2.5 to 2.5	Pass				
1880				75	0	20		3.27	1.000	0.0005	-2.5 to 2.5	Pass	
								3.85	1.000	0.0005	-2.5 to 2.5	Pass	
		4.43	2.200				0.0012	-2.5 to 2.5	Pass				
		-30	3.85			1.800	0.0010	-2.5 to 2.5	Pass				
		-20	3.85			3.400	0.0018	-2.5 to 2.5	Pass				
		-10	3.85			-0.300	-0.0002	-2.5 to 2.5	Pass				
		0	3.85			2.700	0.0014	-2.5 to 2.5	Pass				
		10	3.85			3.800	0.0020	-2.5 to 2.5	Pass				
		30	3.85			3.300	0.0018	-2.5 to 2.5	Pass				
		40	3.85			2.200	0.0012	-2.5 to 2.5	Pass				
		50	3.85			1.400	0.0007	-2.5 to 2.5	Pass				
		1902.5	75			0	20	3.27	3.000	0.0016	-2.5 to 2.5	Pass	
								3.85	2.500	0.0013	-2.5 to 2.5	Pass	
4.43				1.300	0.0007			-2.5 to 2.5	Pass				
-30				3.85	0.600		0.0003	-2.5 to 2.5	Pass				
-20				3.85	3.700		0.0019	-2.5 to 2.5	Pass				
-10				3.85	-0.300		-0.0002	-2.5 to 2.5	Pass				
0				3.85	1.500		0.0008	-2.5 to 2.5	Pass				

				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.300	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.000	0.0016	-2.5 to 2.5	Pass
				50	3.85	2.700	0.0014	-2.5 to 2.5	Pass
64QAM	1857.5	75	0	20	3.27	13.500	0.0073	-2.5 to 2.5	Pass
					3.85	15.700	0.0085	-2.5 to 2.5	Pass
					4.43	0.800	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-6.500	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	12.000	0.0065	-2.5 to 2.5	Pass
				-10	3.85	7.300	0.0039	-2.5 to 2.5	Pass
				0	3.85	2.900	0.0016	-2.5 to 2.5	Pass
				10	3.85	-9.600	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	7.100	0.0038	-2.5 to 2.5	Pass
	50	3.85	-12.600	-0.0068	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-7.800	-0.0041	-2.5 to 2.5	Pass
					3.85	26.000	0.0138	-2.5 to 2.5	Pass
					4.43	11.500	0.0061	-2.5 to 2.5	Pass
				-30	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-7.900	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	3.900	0.0021	-2.5 to 2.5	Pass
				0	3.85	-11.400	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-0.500	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-5.900	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-3.400	-0.0018	-2.5 to 2.5	Pass
	50	3.85	14.500	0.0077	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	9.000	0.0047	-2.5 to 2.5	Pass
					3.85	-24.000	-0.0126	-2.5 to 2.5	Pass
					4.43	0.800	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.100	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	15.300	0.0080	-2.5 to 2.5	Pass
				-10	3.85	-6.800	-0.0036	-2.5 to 2.5	Pass
				0	3.85	9.300	0.0049	-2.5 to 2.5	Pass
				10	3.85	14.300	0.0075	-2.5 to 2.5	Pass
30				3.85	11.000	0.0058	-2.5 to 2.5	Pass	
40				3.85	-3.700	-0.0019	-2.5 to 2.5	Pass	
50	3.85	-1.500	-0.0008	-2.5 to 2.5	Pass				

## 2.6 B2\_20MHz

### 2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-2.300	-0.0012	-2.5 to 2.5	Pass
					3.85	0.600	0.0003	-2.5 to 2.5	Pass
					4.43	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.100	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.600	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.900	-0.0016	-2.5 to 2.5	Pass
				0	3.85	0.500	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.800	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.200	-0.0006	-2.5 to 2.5	Pass

	1880	100	0	40	3.85	-0.600	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.600	-0.0009	-2.5 to 2.5	Pass
				20	3.27	2.200	0.0012	-2.5 to 2.5	Pass
					3.85	4.000	0.0021	-2.5 to 2.5	Pass
					4.43	1.400	0.0007	-2.5 to 2.5	Pass
				-30	3.85	3.000	0.0016	-2.5 to 2.5	Pass
				-20	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.000	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				10	3.85	0.800	0.0004	-2.5 to 2.5	Pass
	30	3.85	0.000	0.0000	-2.5 to 2.5	Pass			
	40	3.85	1.100	0.0006	-2.5 to 2.5	Pass			
	50	3.85	2.600	0.0014	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-0.700	-0.0004	-2.5 to 2.5	Pass
					3.85	2.900	0.0015	-2.5 to 2.5	Pass
					4.43	1.000	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.800	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.500	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-2.100	-0.0011	-2.5 to 2.5	Pass
10				3.85	0.800	0.0004	-2.5 to 2.5	Pass	
30				3.85	-2.300	-0.0012	-2.5 to 2.5	Pass	
40				3.85	-1.100	-0.0006	-2.5 to 2.5	Pass	
50	3.85	-2.200	-0.0012	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-3.300	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.400	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.900	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.700	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.500	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.200	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.300	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.500	-0.0003	-2.5 to 2.5	Pass
	50	3.85	-2.100	-0.0011	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-0.700	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.000	-0.0005	-2.5 to 2.5	Pass
					4.43	2.000	0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.800	0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.900	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	2.300	0.0012	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	2.000	0.0011	-2.5 to 2.5	Pass
40				3.85	0.700	0.0004	-2.5 to 2.5	Pass	
50	3.85	0.700	0.0004	-2.5 to 2.5	Pass				
1900	100	0	20	3.27	-2.000	-0.0011	-2.5 to 2.5	Pass	
				3.85	-0.800	-0.0004	-2.5 to 2.5	Pass	
				4.43	-2.300	-0.0012	-2.5 to 2.5	Pass	
			-30	3.85	0.400	0.0002	-2.5 to 2.5	Pass	
			-20	3.85	1.000	0.0005	-2.5 to 2.5	Pass	
			-10	3.85	-1.200	-0.0006	-2.5 to 2.5	Pass	
			0	3.85	0.500	0.0003	-2.5 to 2.5	Pass	
			10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass	
			30	3.85	-2.500	-0.0013	-2.5 to 2.5	Pass	
			40	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass	

64QAM	1860	100	0	50	3.85	-0.700	-0.0004	-2.5 to 2.5	Pass
				20	3.27	0.300	0.0002	-2.5 to 2.5	Pass
					3.85	-1.500	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.200	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-23.200	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-13.900	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-11.300	-0.0061	-2.5 to 2.5	Pass
				0	3.85	3.700	0.0020	-2.5 to 2.5	Pass
				10	3.85	-1.700	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-0.600	-0.0003	-2.5 to 2.5	Pass
	40	3.85	-1.900	-0.0010	-2.5 to 2.5	Pass			
	50	3.85	1.500	0.0008	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-4.000	-0.0021	-2.5 to 2.5	Pass
					3.85	12.700	0.0068	-2.5 to 2.5	Pass
					4.43	1.900	0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.200	0.0022	-2.5 to 2.5	Pass
				-20	3.85	1.100	0.0006	-2.5 to 2.5	Pass
				-10	3.85	20.600	0.0110	-2.5 to 2.5	Pass
				0	3.85	5.200	0.0028	-2.5 to 2.5	Pass
				10	3.85	18.600	0.0099	-2.5 to 2.5	Pass
				30	3.85	0.600	0.0003	-2.5 to 2.5	Pass
				40	3.85	3.200	0.0017	-2.5 to 2.5	Pass
	50	3.85	-2.500	-0.0013	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-11.400	-0.0060	-2.5 to 2.5	Pass
					3.85	3.100	0.0016	-2.5 to 2.5	Pass
					4.43	-0.800	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-13.200	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-14.300	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	13.000	0.0068	-2.5 to 2.5	Pass
				0	3.85	-10.100	-0.0053	-2.5 to 2.5	Pass
10				3.85	-3.300	-0.0017	-2.5 to 2.5	Pass	
30				3.85	-7.100	-0.0037	-2.5 to 2.5	Pass	
40				3.85	6.300	0.0033	-2.5 to 2.5	Pass	
50	3.85	-9.200	-0.0048	-2.5 to 2.5	Pass				

### 3. 99% & 26dB Bandwidth

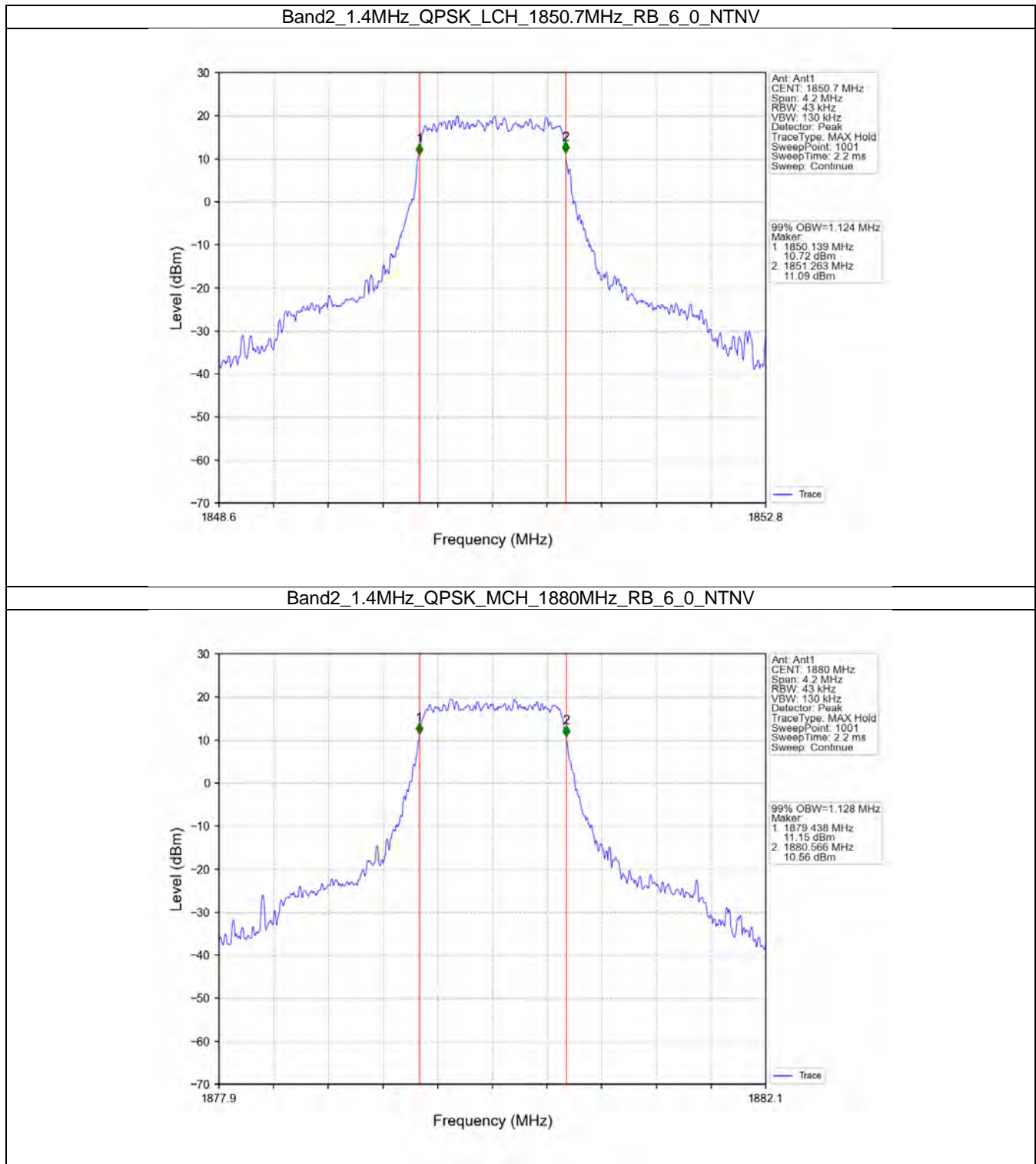
#### 3.1 Band2\_OBW

##### 3.1.1 Test Result

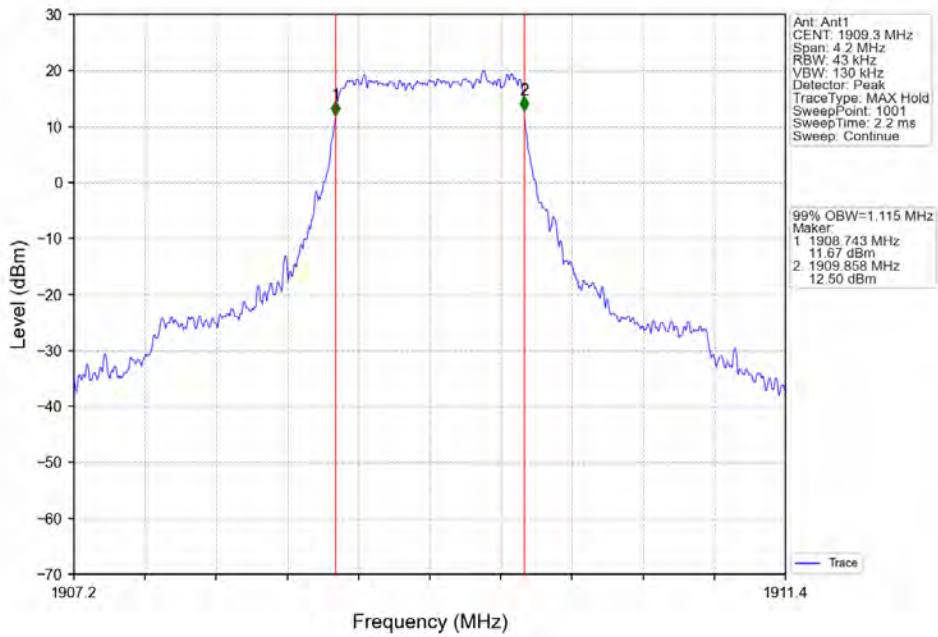
Band: 2 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.124	/	Pass
		1880	6	0	1.128	/	Pass
		1909.3	6	0	1.115	/	Pass
	16QAM	1850.7	6	0	1.130	/	Pass
		1880	6	0	1.128	/	Pass
		1909.3	6	0	1.140	/	Pass
	64QAM	1850.7	6	0	1.125	/	Pass
		1880	6	0	1.126	/	Pass
		1909.3	6	0	1.124	/	Pass
3	QPSK	1851.5	15	0	2.744	/	Pass

	16QAM	1880	15	0	2.731	/	Pass
		1908.5	15	0	2.737	/	Pass
		1851.5	15	0	2.739	/	Pass
	64QAM	1880	15	0	2.733	/	Pass
		1908.5	15	0	2.743	/	Pass
		1851.5	15	0	2.740	/	Pass
		1880	15	0	2.732	/	Pass
5	QPSK	1852.5	25	0	4.557	/	Pass
		1880	25	0	4.562	/	Pass
		1907.5	25	0	4.550	/	Pass
	16QAM	1852.5	25	0	4.552	/	Pass
		1880	25	0	4.542	/	Pass
		1907.5	25	0	4.546	/	Pass
	64QAM	1852.5	25	0	4.557	/	Pass
		1880	25	0	4.562	/	Pass
		1907.5	25	0	4.538	/	Pass
10	QPSK	1855	50	0	9.073	/	Pass
		1880	50	0	9.091	/	Pass
		1905	50	0	9.069	/	Pass
	16QAM	1855	50	0	9.073	/	Pass
		1880	50	0	9.076	/	Pass
		1905	50	0	9.092	/	Pass
	64QAM	1855	50	0	9.032	/	Pass
		1880	50	0	9.091	/	Pass
		1905	50	0	9.047	/	Pass
15	QPSK	1857.5	75	0	13.566	/	Pass
		1880	75	0	13.623	/	Pass
		1902.5	75	0	13.636	/	Pass
	16QAM	1857.5	75	0	13.600	/	Pass
		1880	75	0	13.627	/	Pass
		1902.5	75	0	13.653	/	Pass
	64QAM	1857.5	75	0	13.594	/	Pass
		1880	75	0	13.662	/	Pass
		1902.5	75	0	13.648	/	Pass
20	QPSK	1860	100	0	18.103	/	Pass
		1880	100	0	18.116	/	Pass
		1900	100	0	18.155	/	Pass
	16QAM	1860	100	0	18.072	/	Pass
		1880	100	0	18.116	/	Pass
		1900	100	0	18.187	/	Pass
	64QAM	1860	100	0	18.117	/	Pass
		1880	100	0	18.139	/	Pass
		1900	100	0	18.185	/	Pass

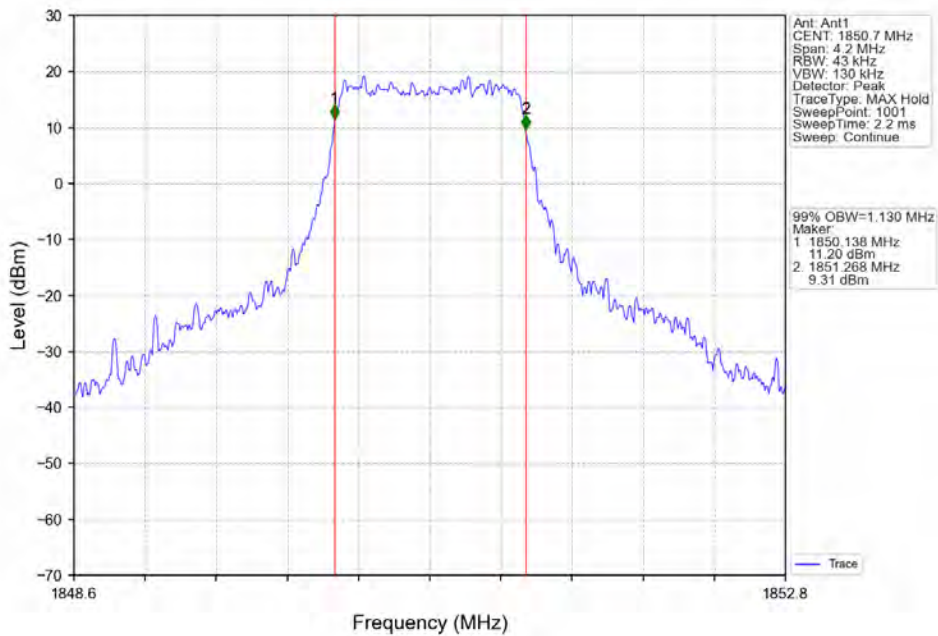
3.1.2 Test Graph



Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

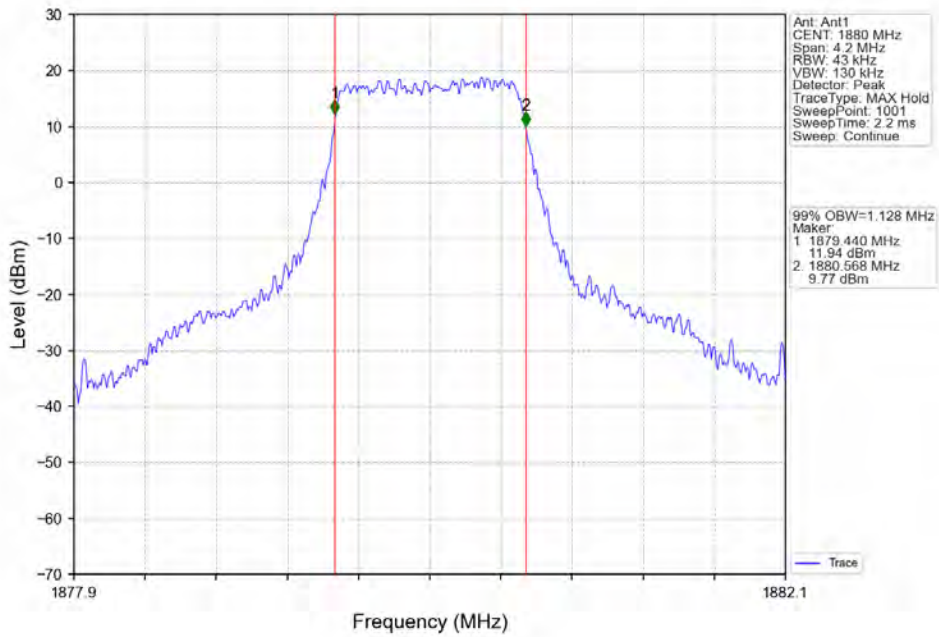


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

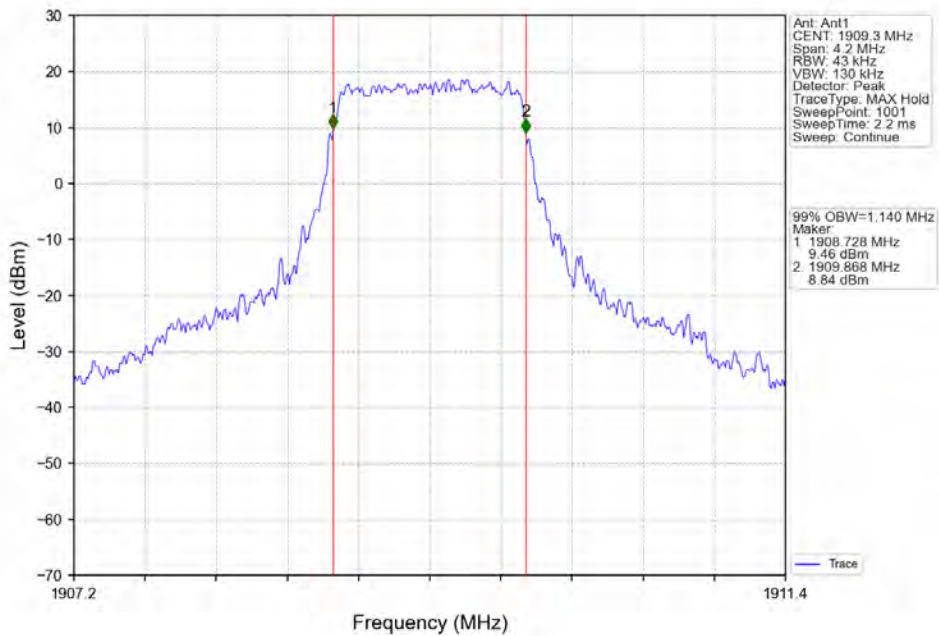




Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV

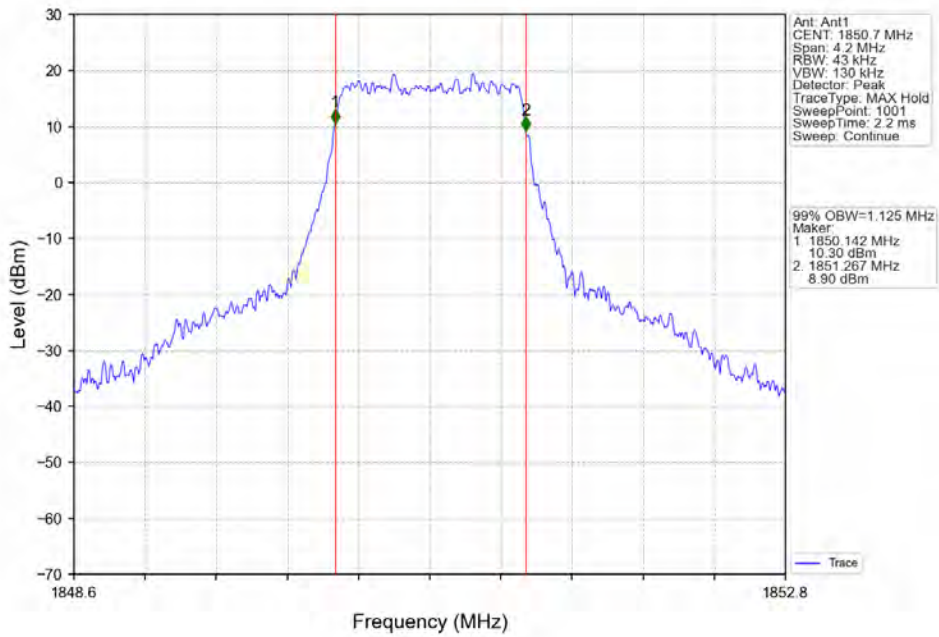


Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

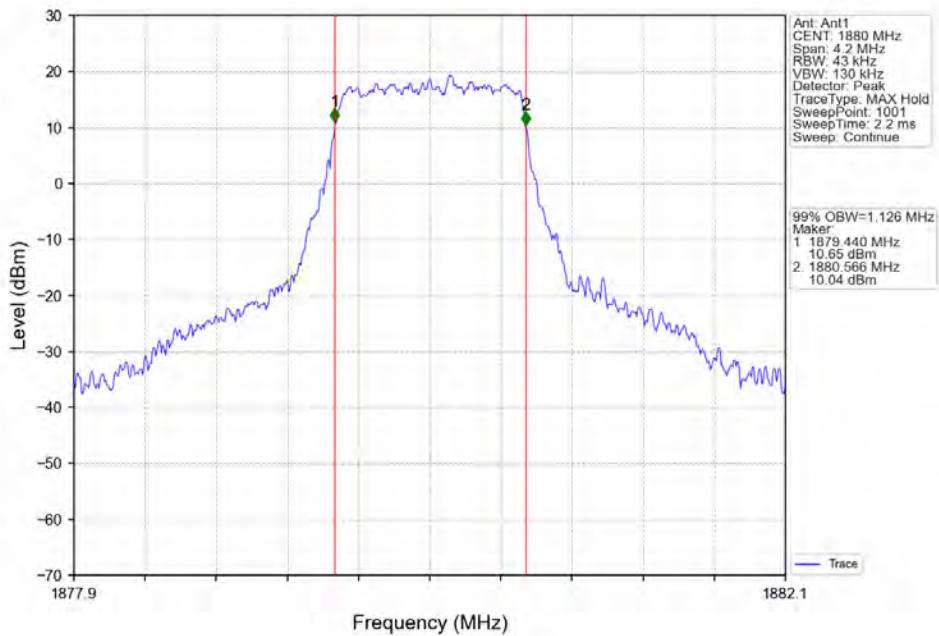




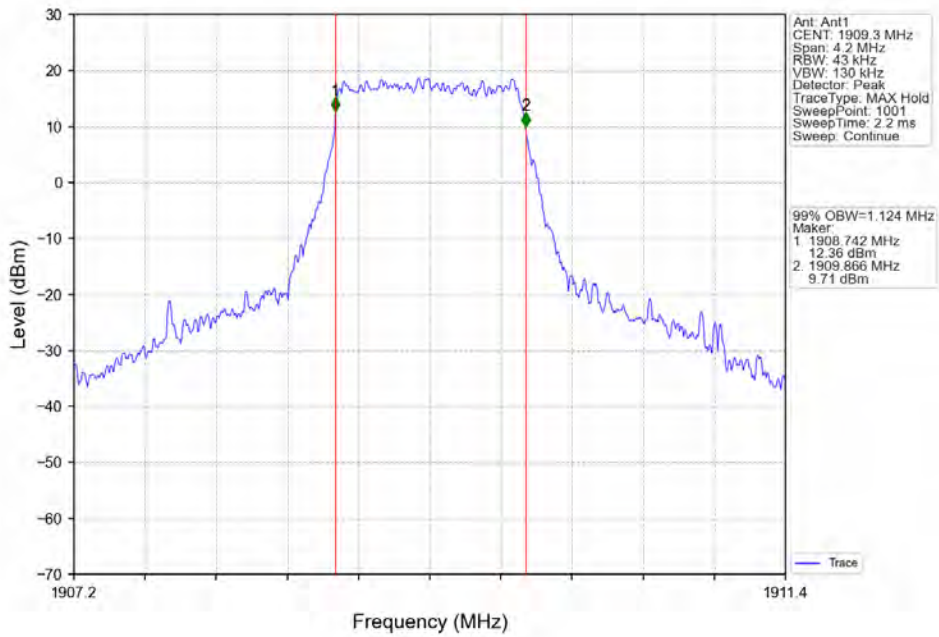
Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



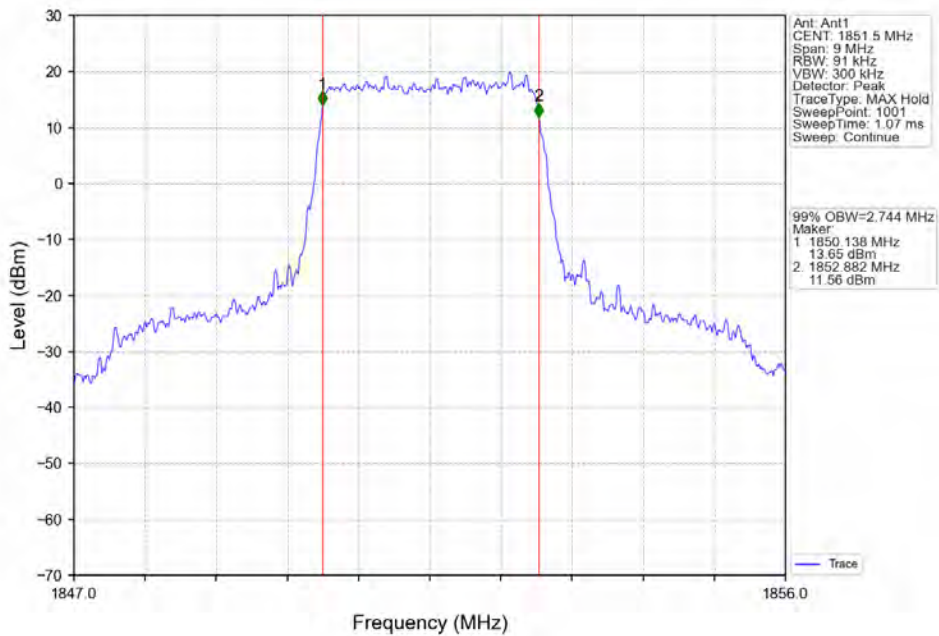
Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



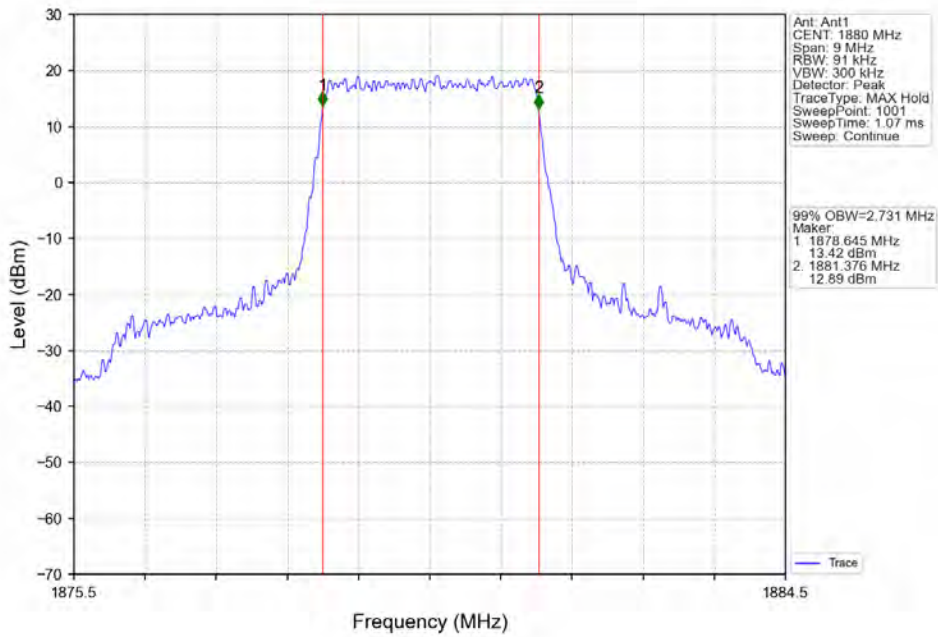
Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



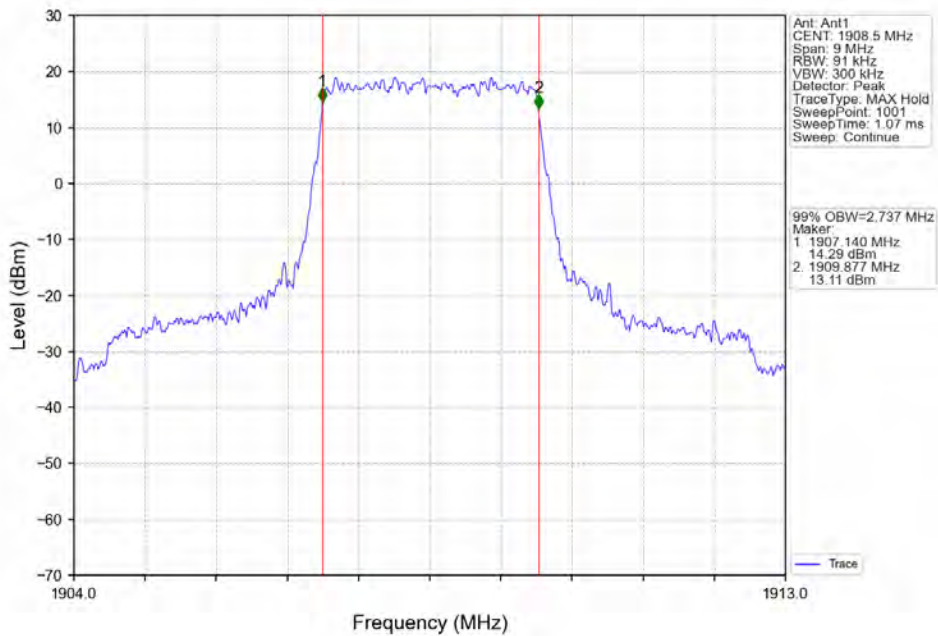
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



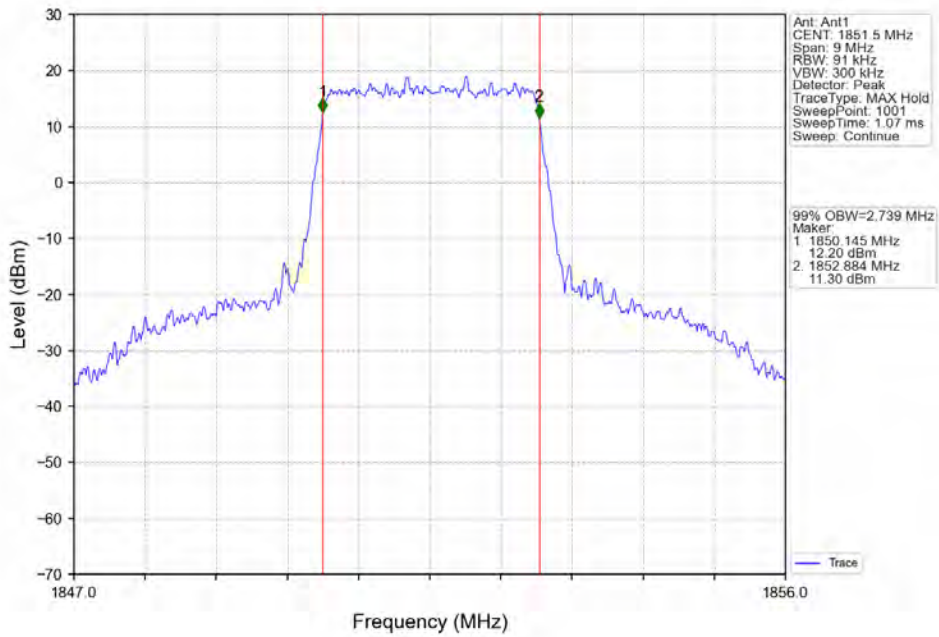
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



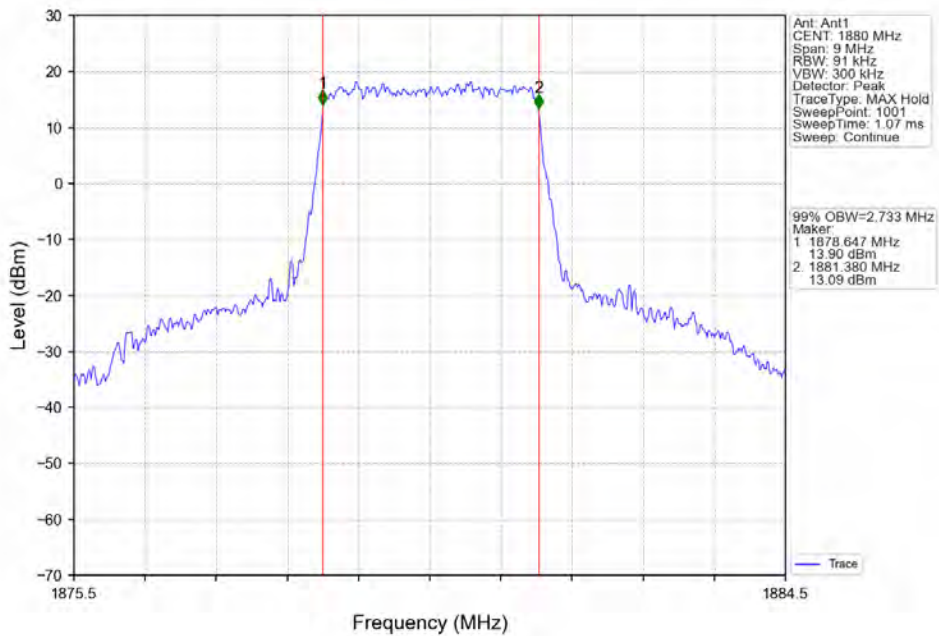
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



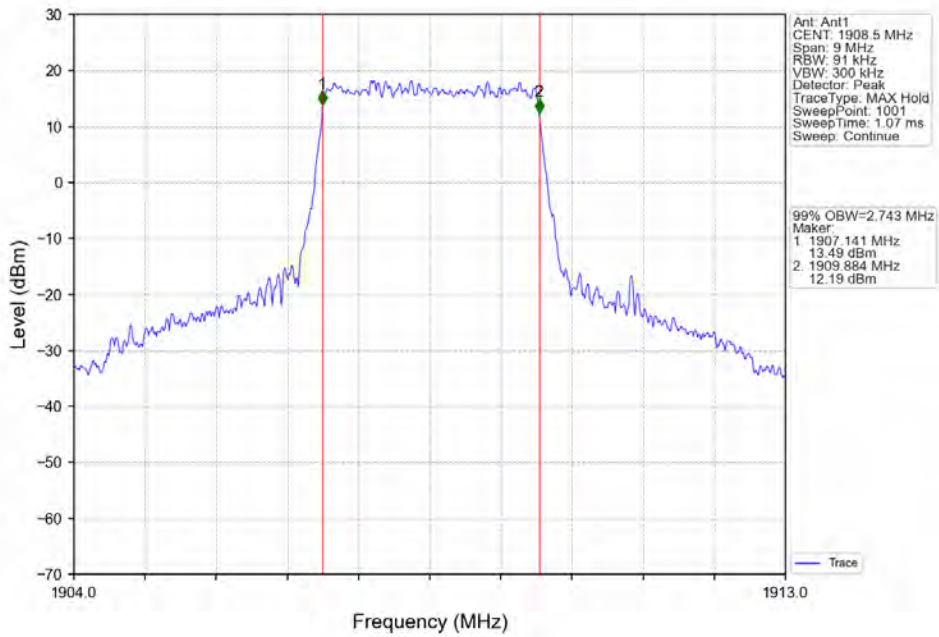
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



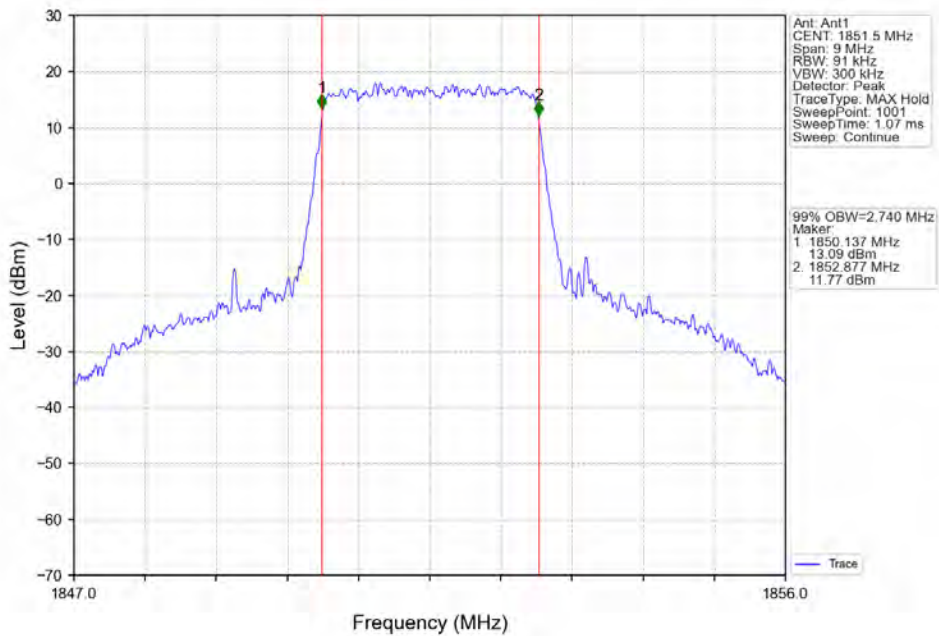
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

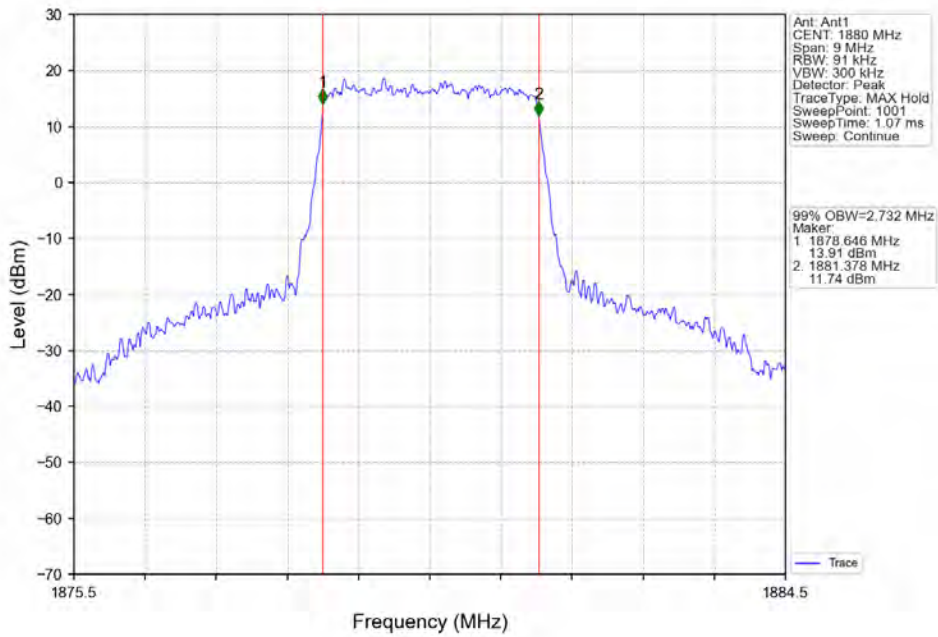


Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

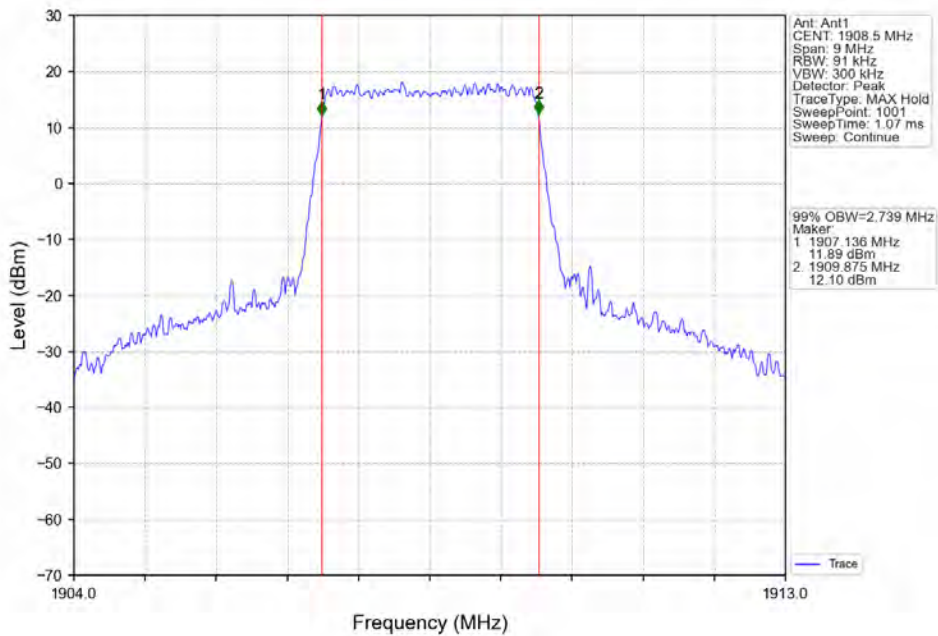




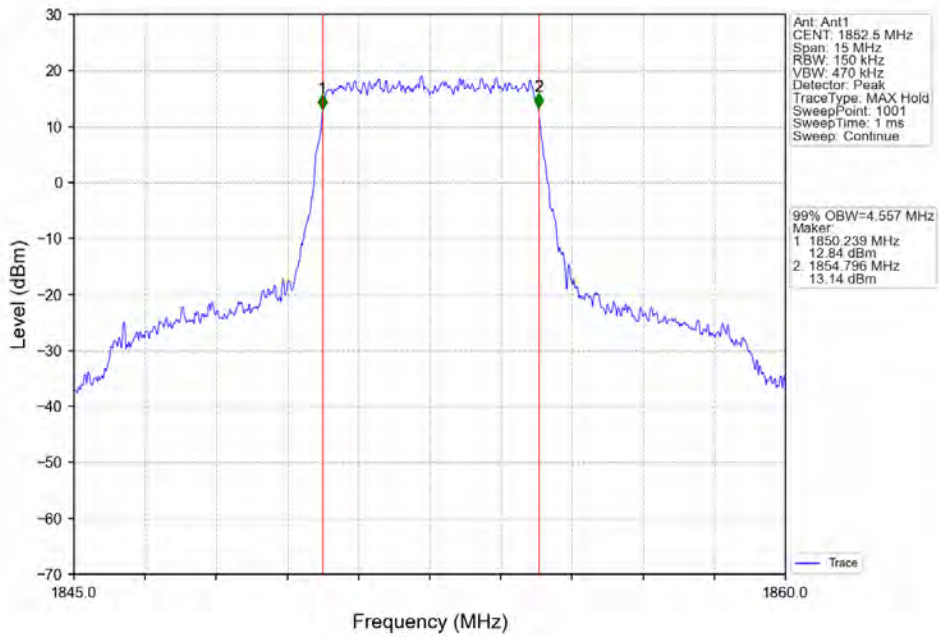
Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



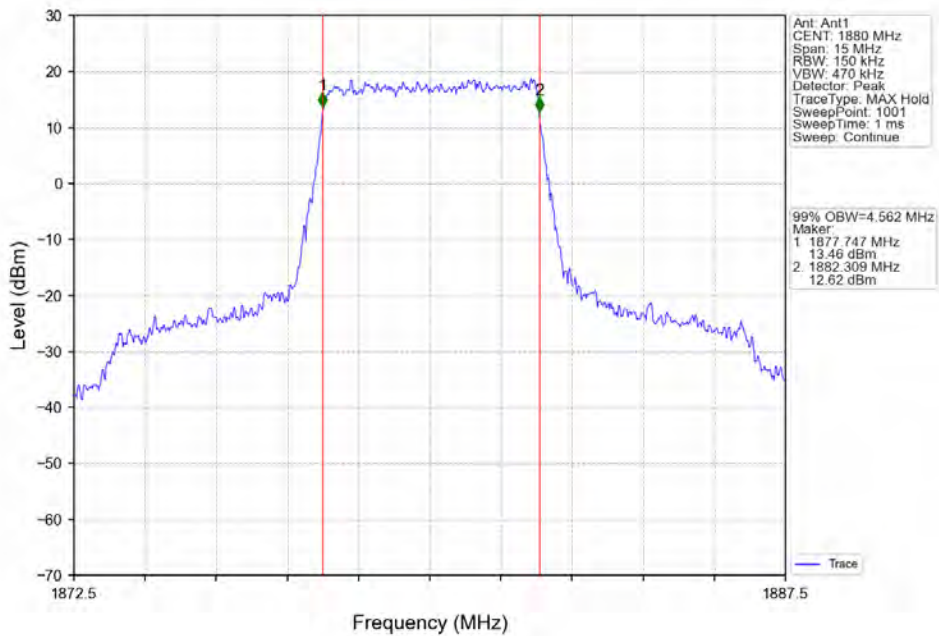
Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



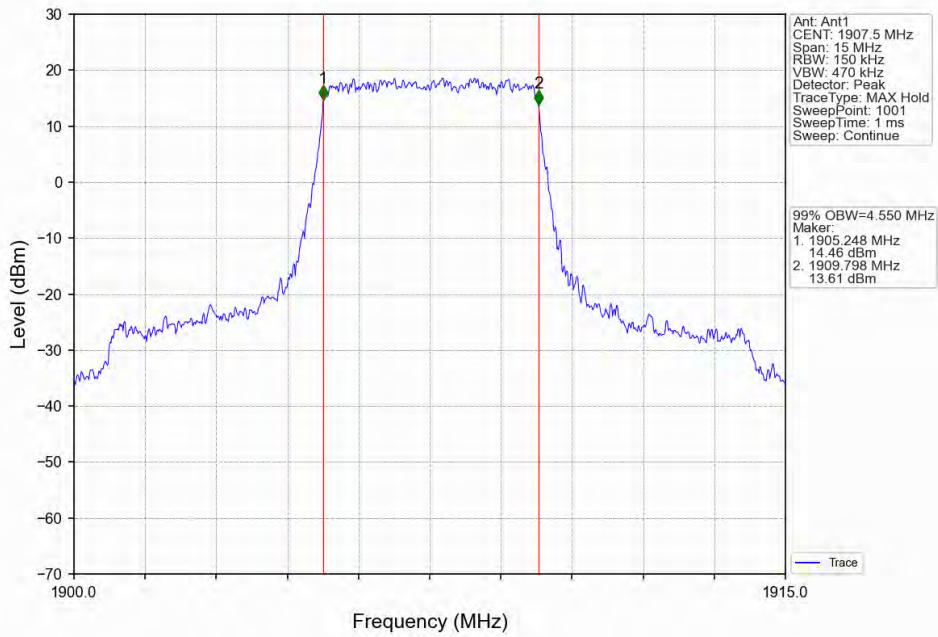
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



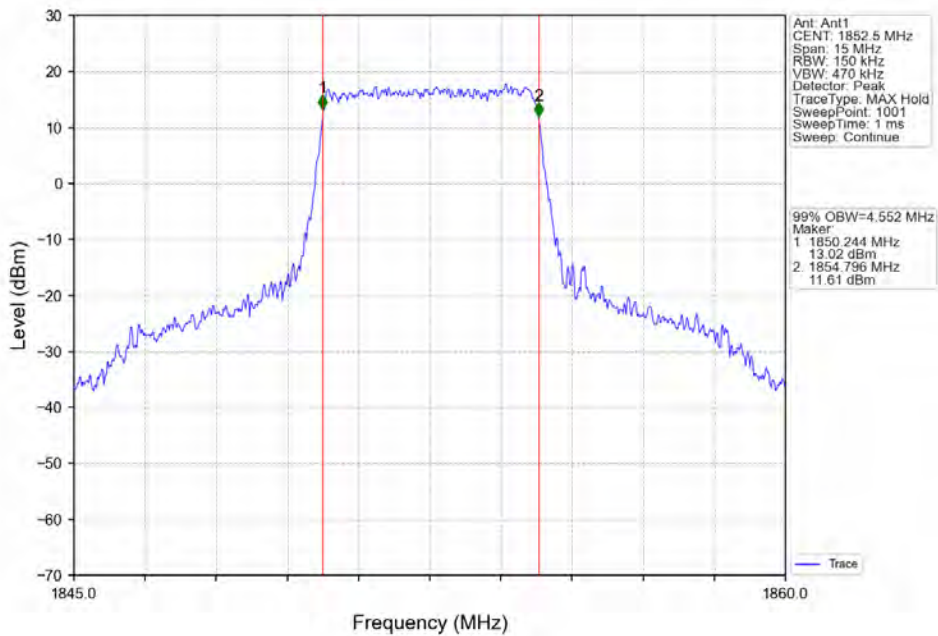
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

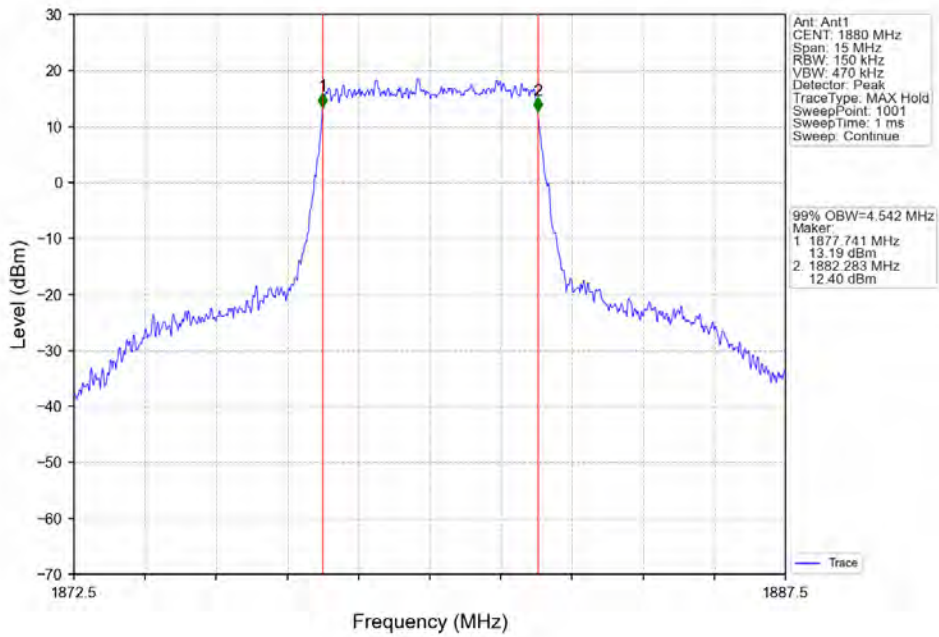


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

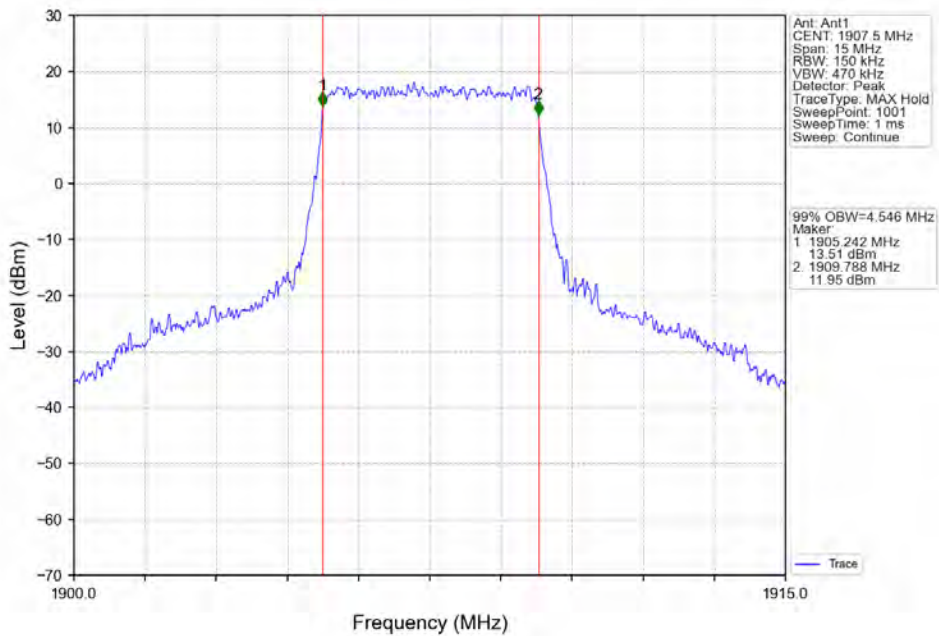




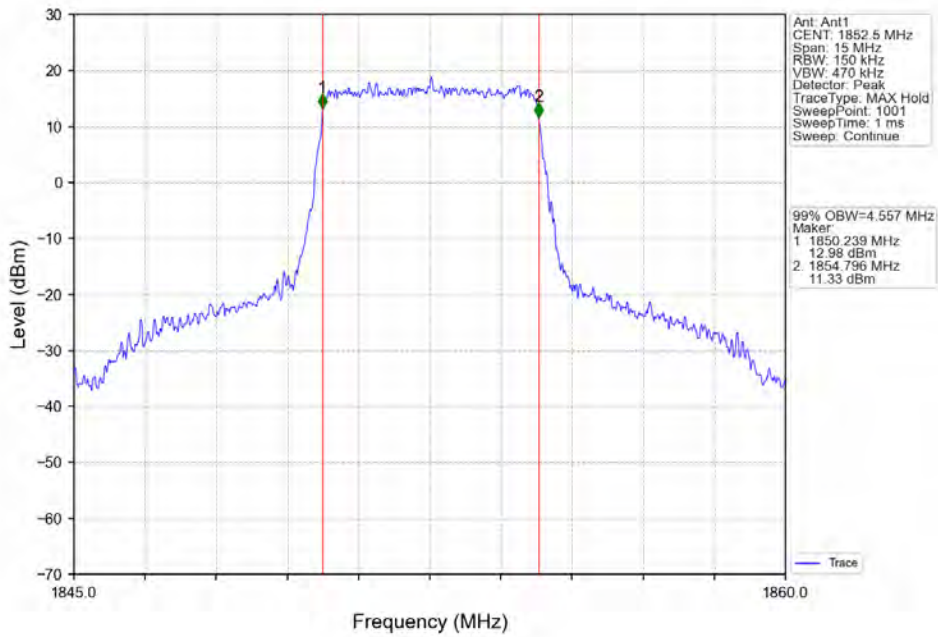
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



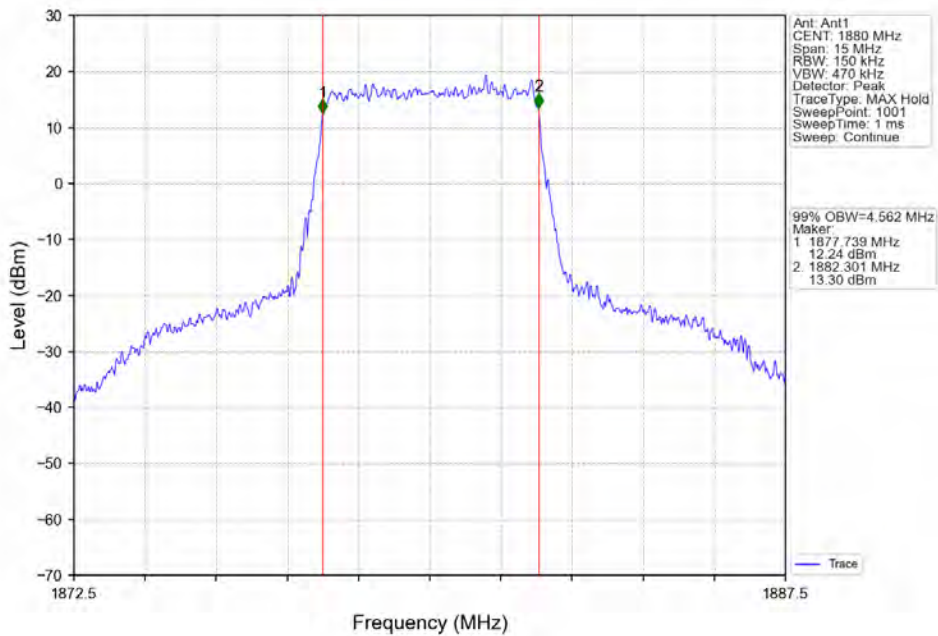
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



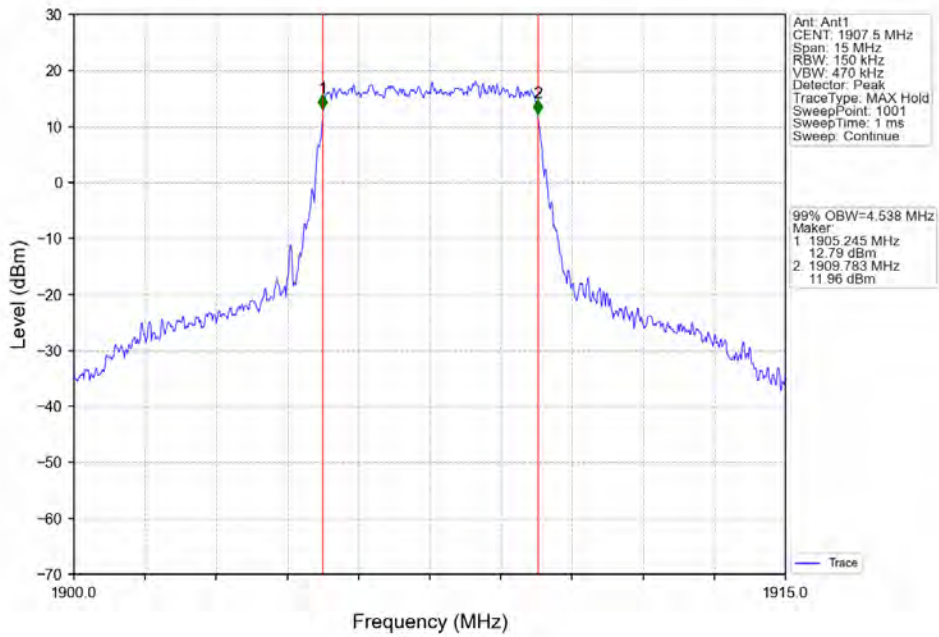
Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



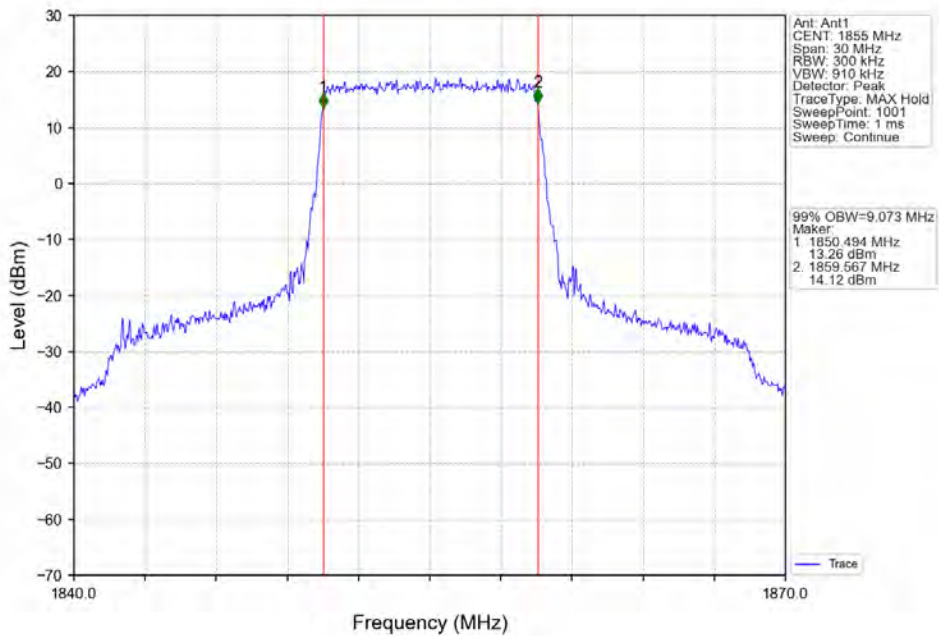
Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



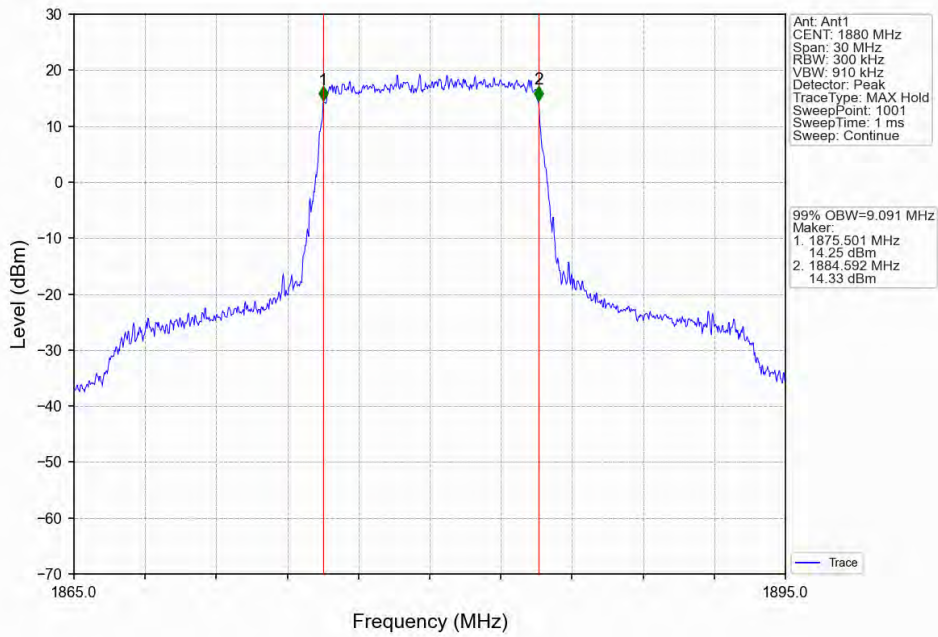
Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



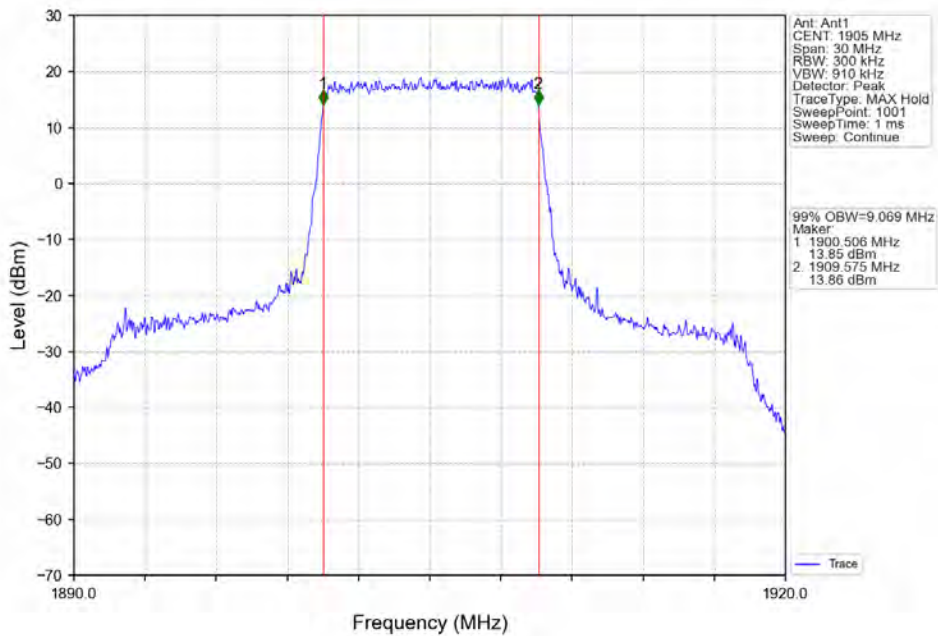
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



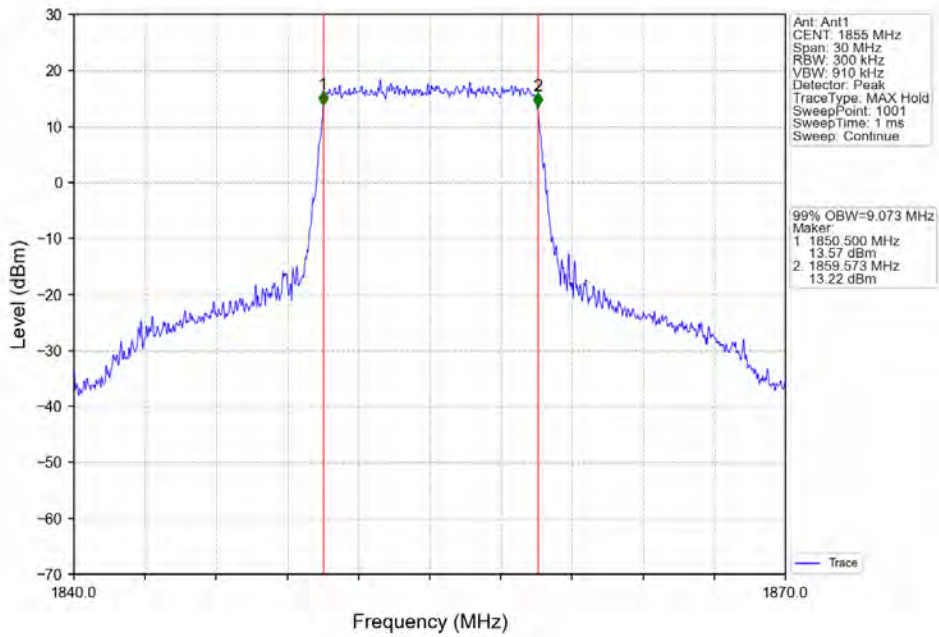
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



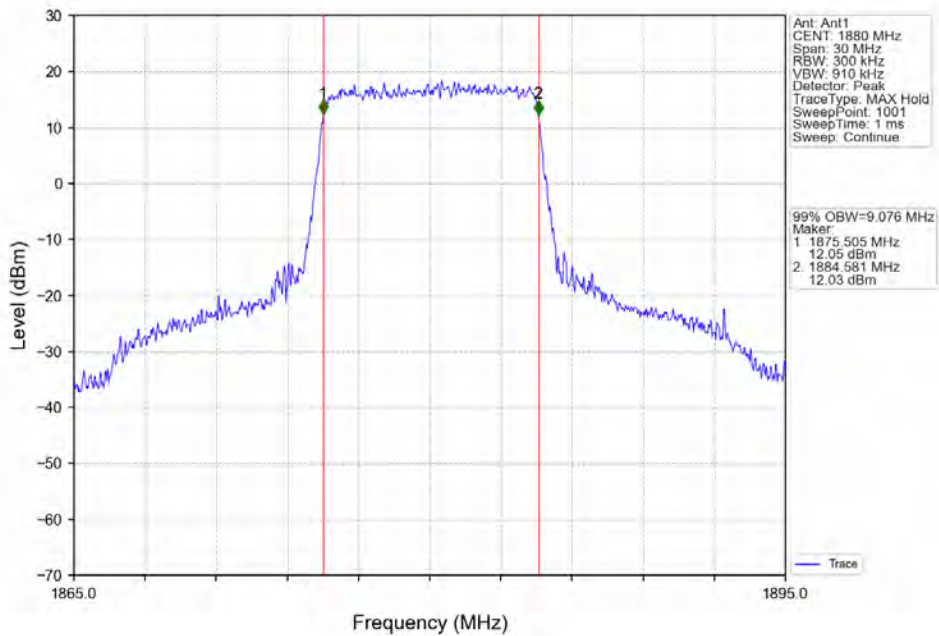
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

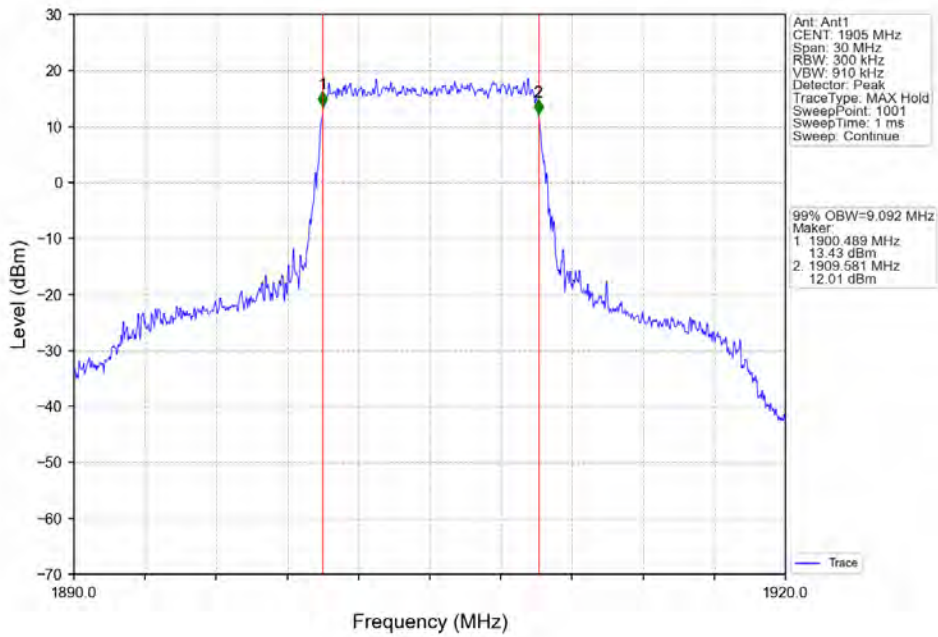


Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV

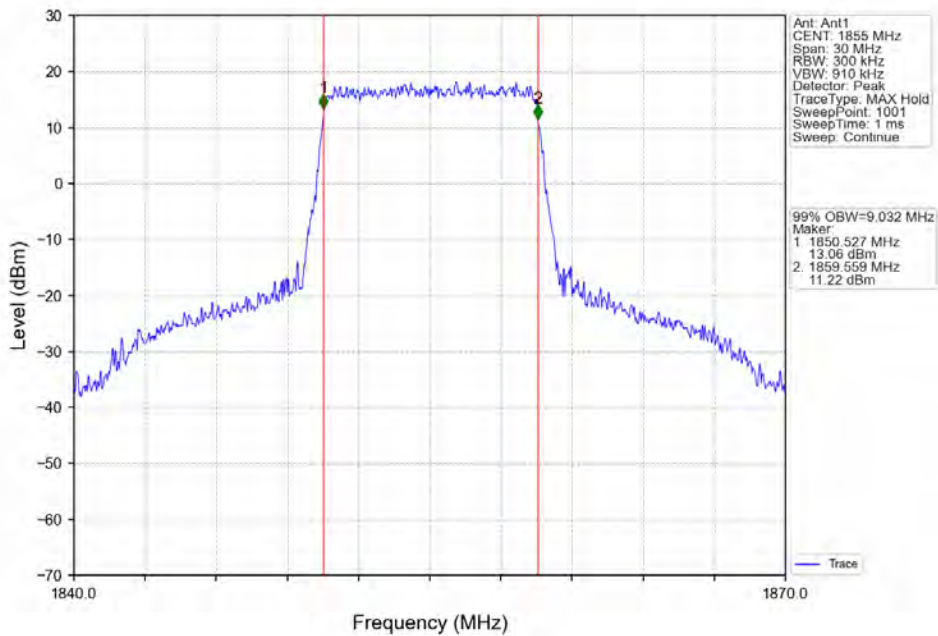




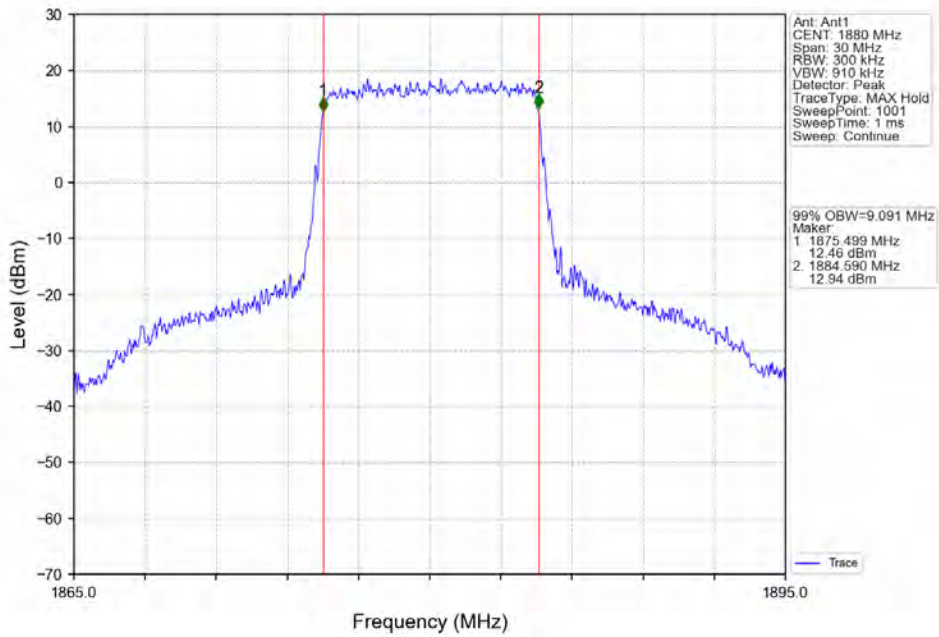
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



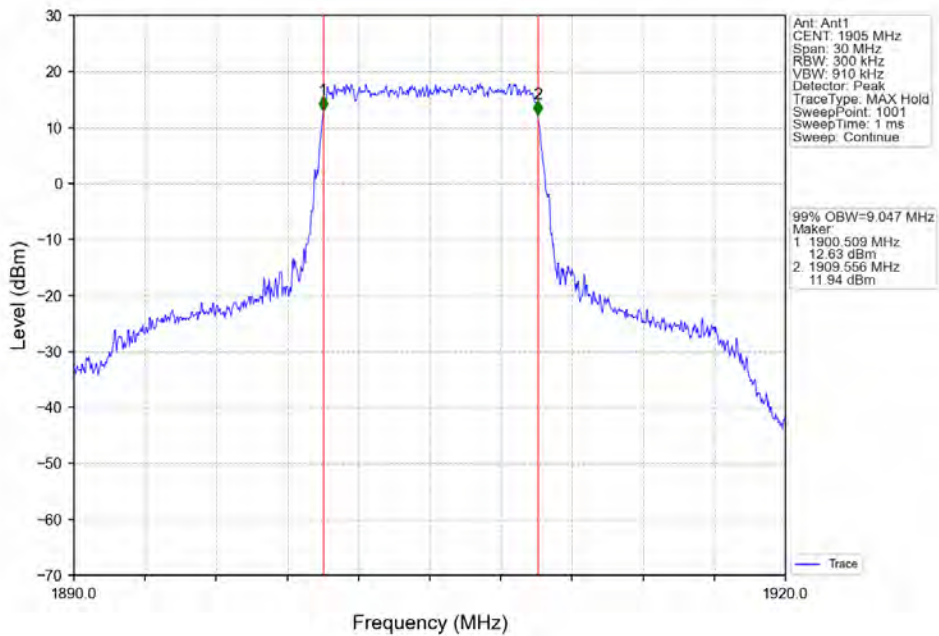
Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



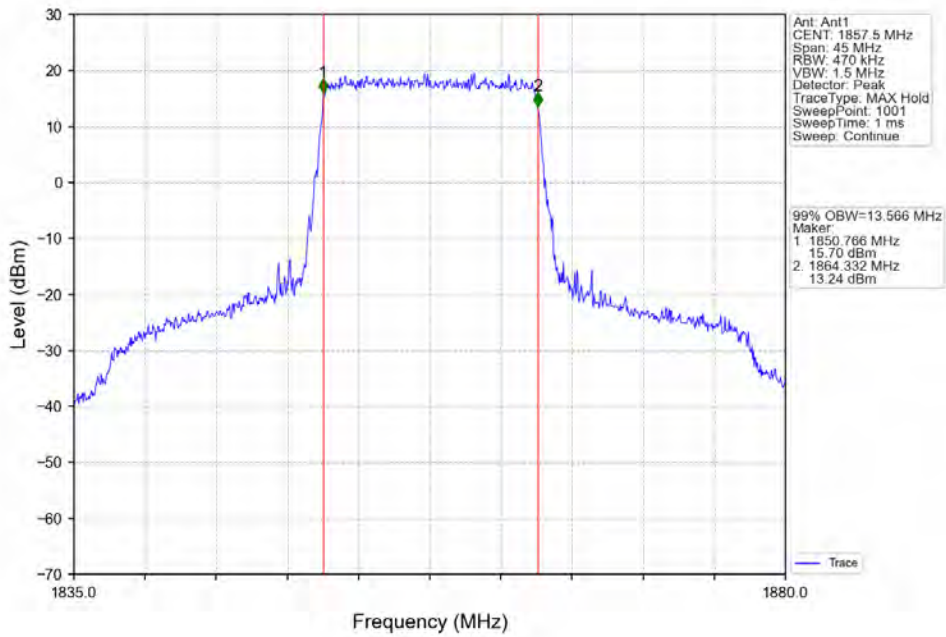
Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



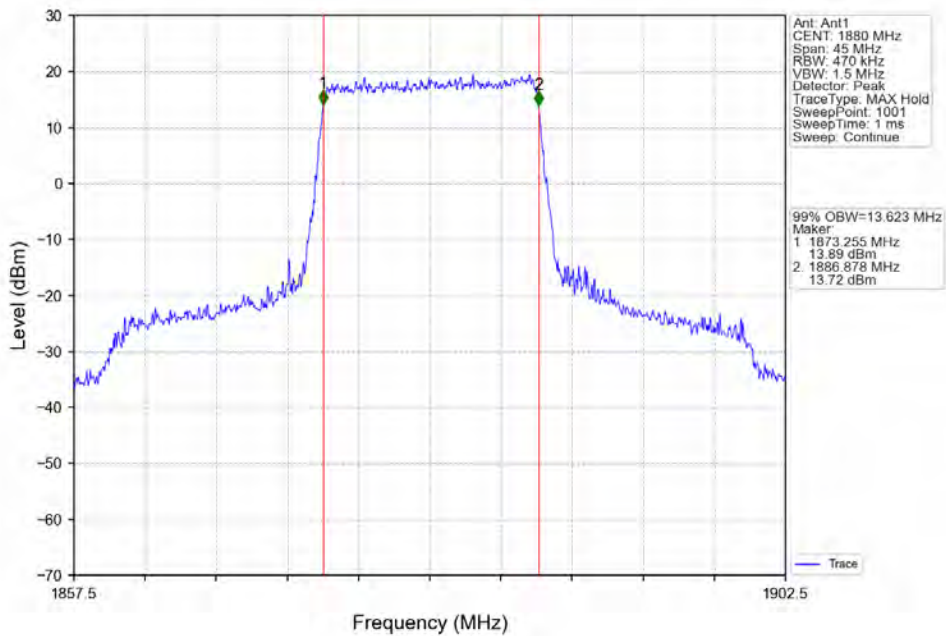
Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

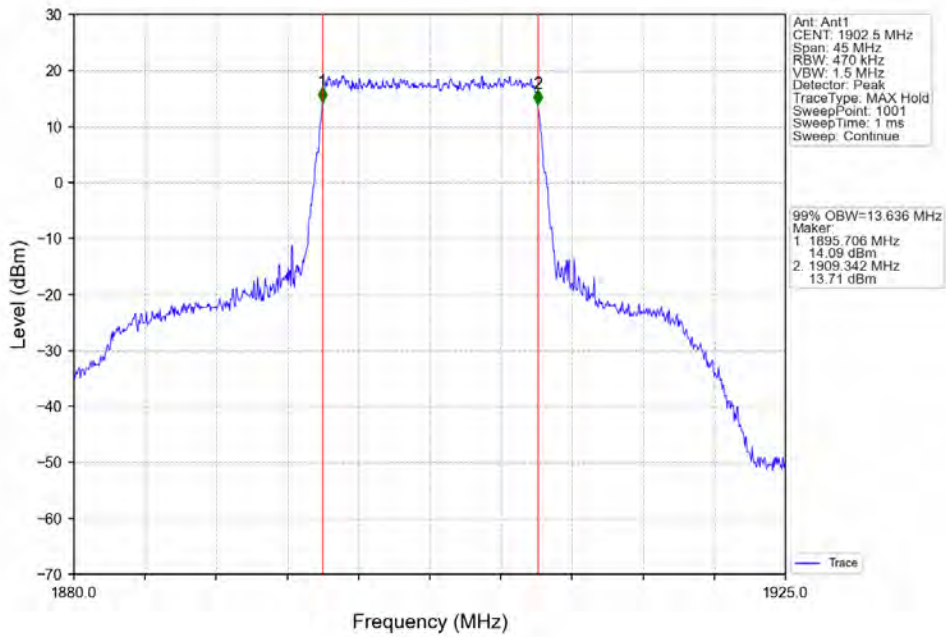


Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV

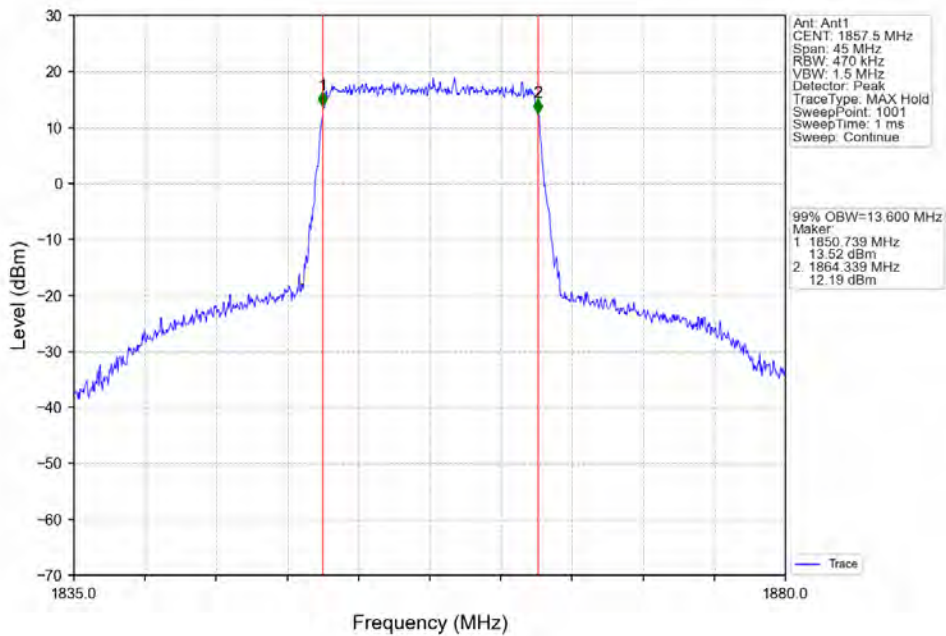




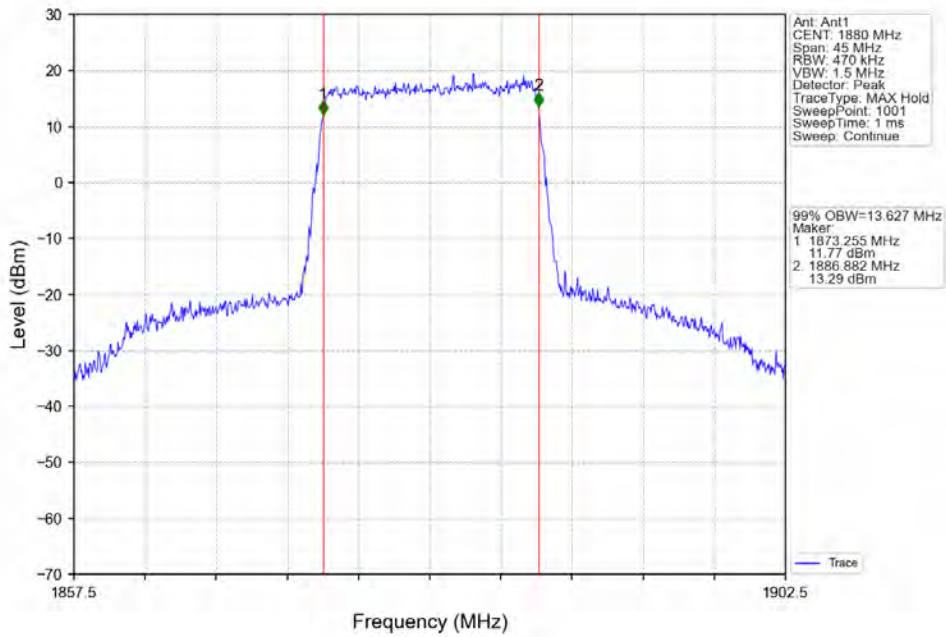
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



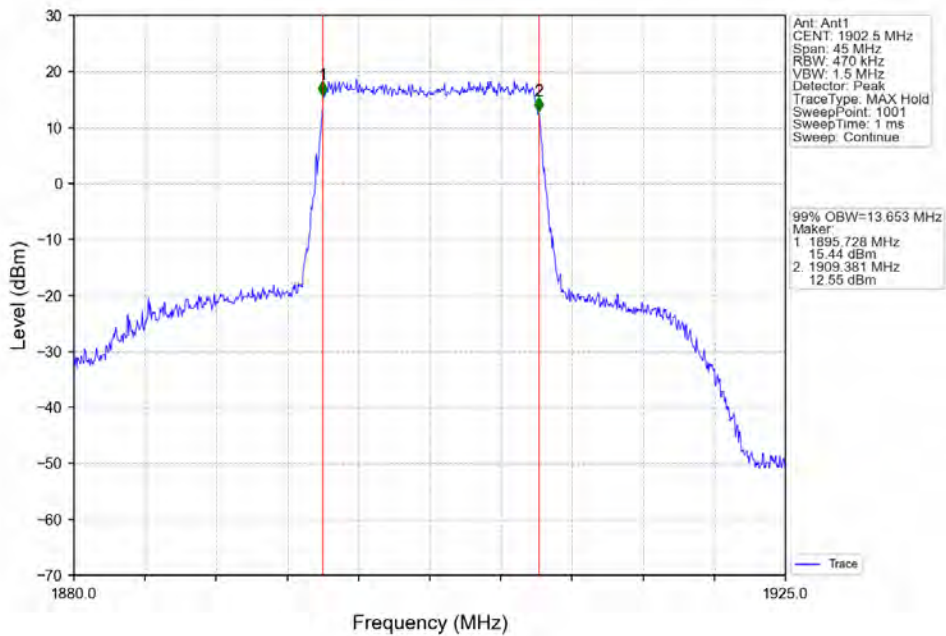
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



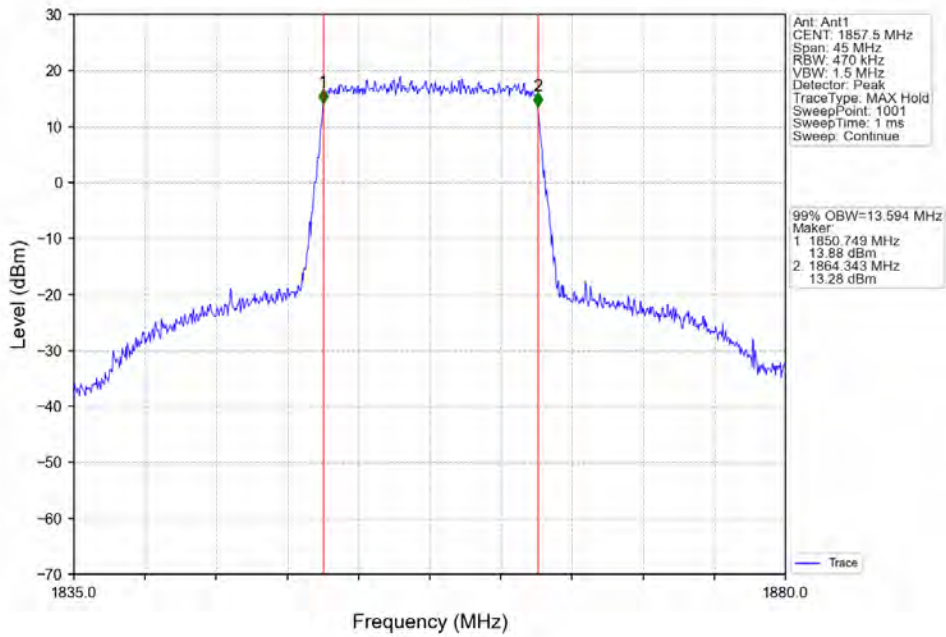
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



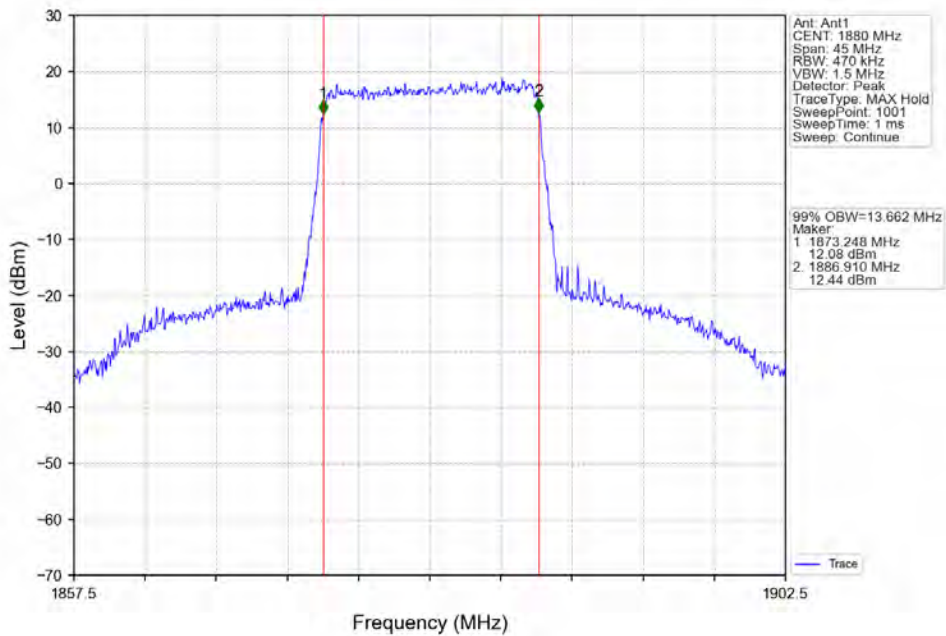
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



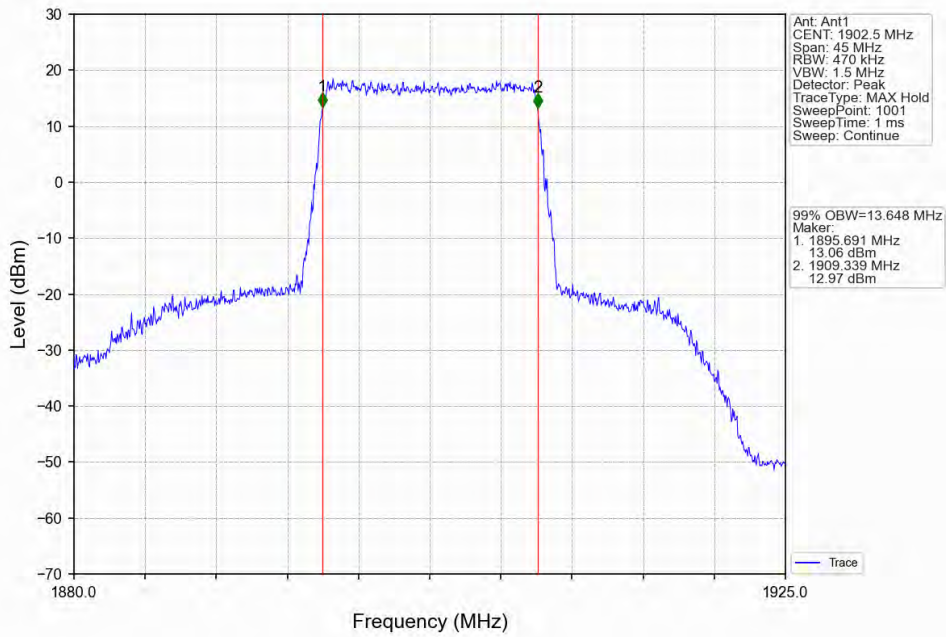
Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



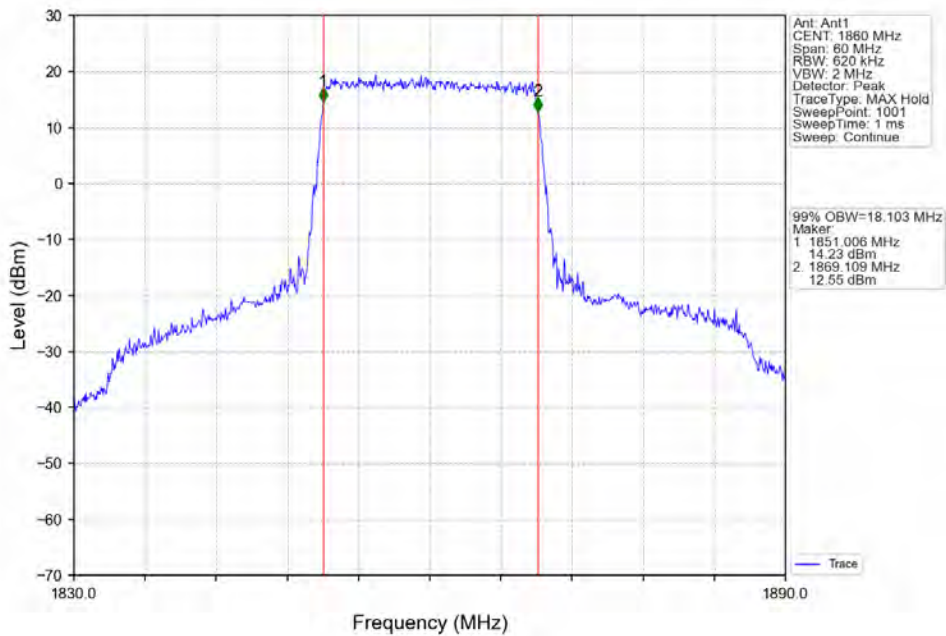
Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



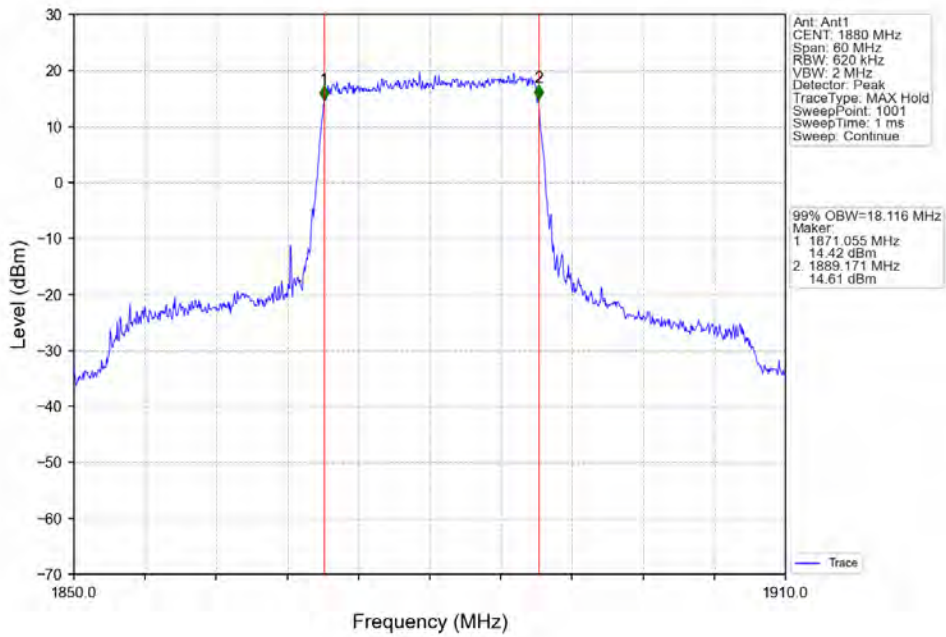
Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



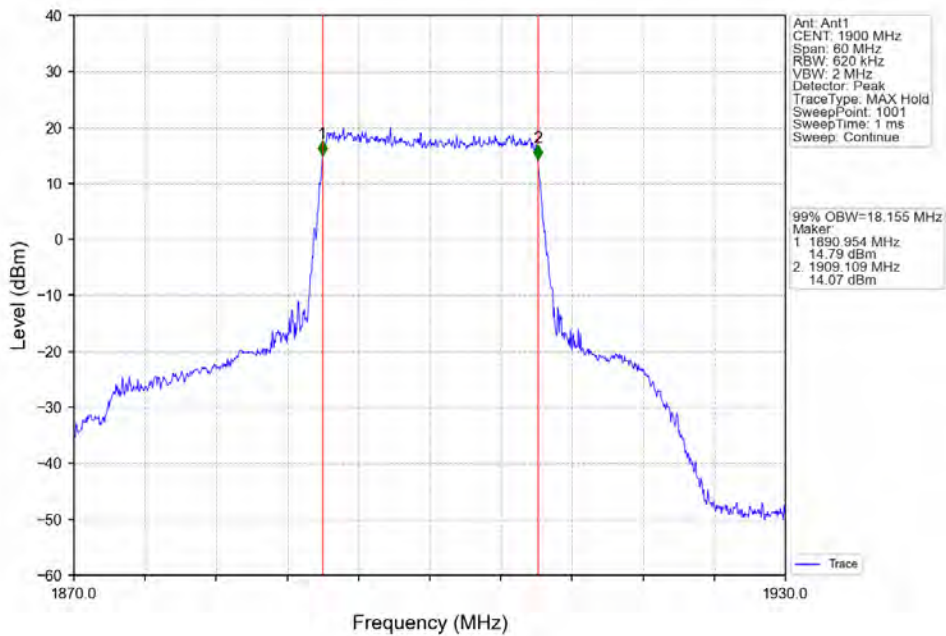
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV

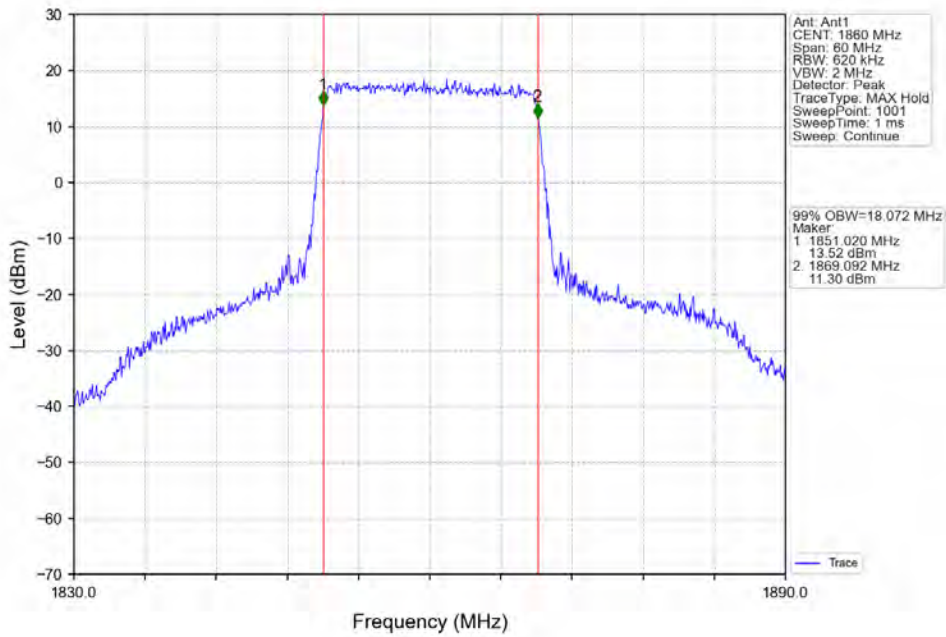


Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

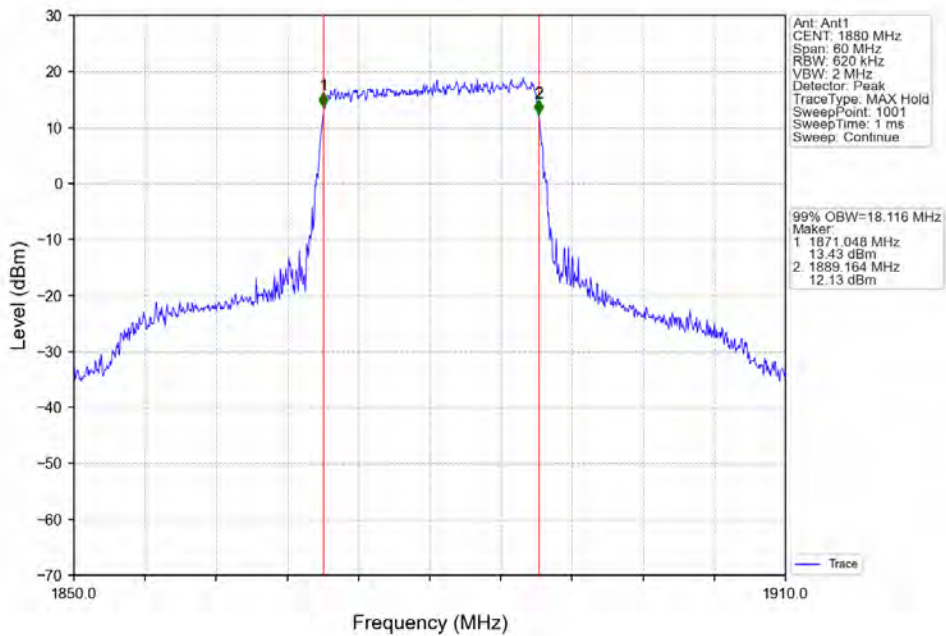




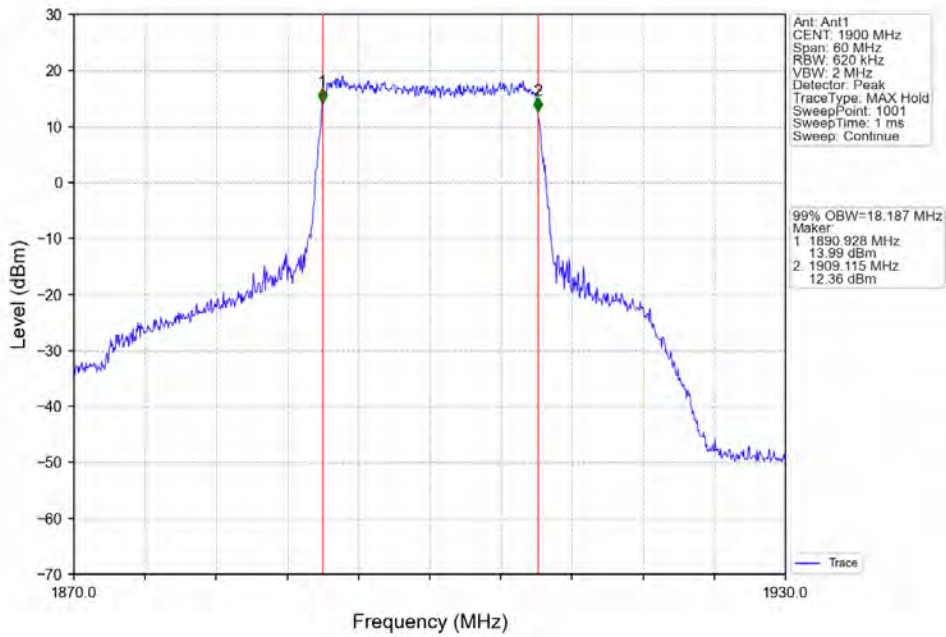
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



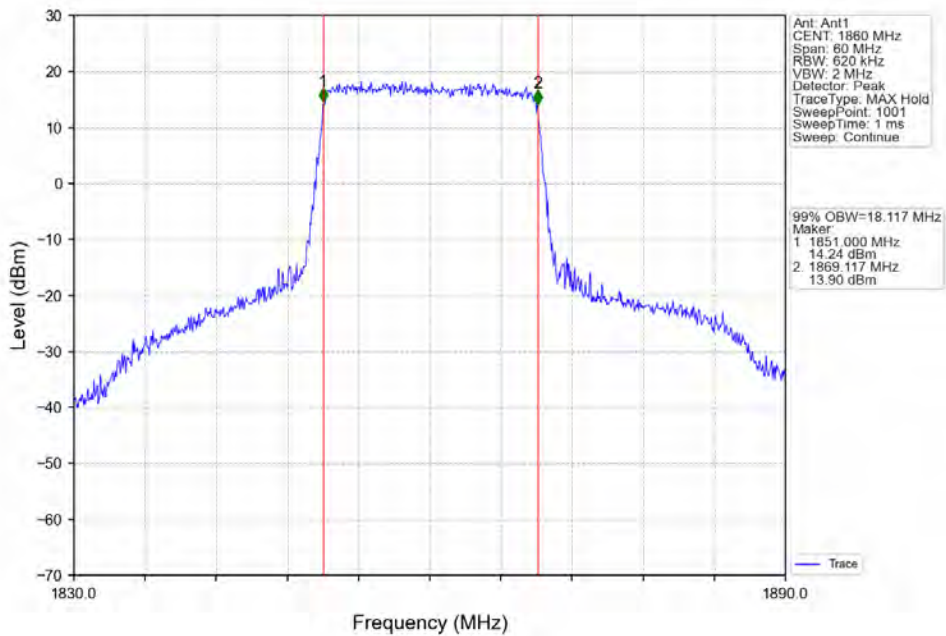
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



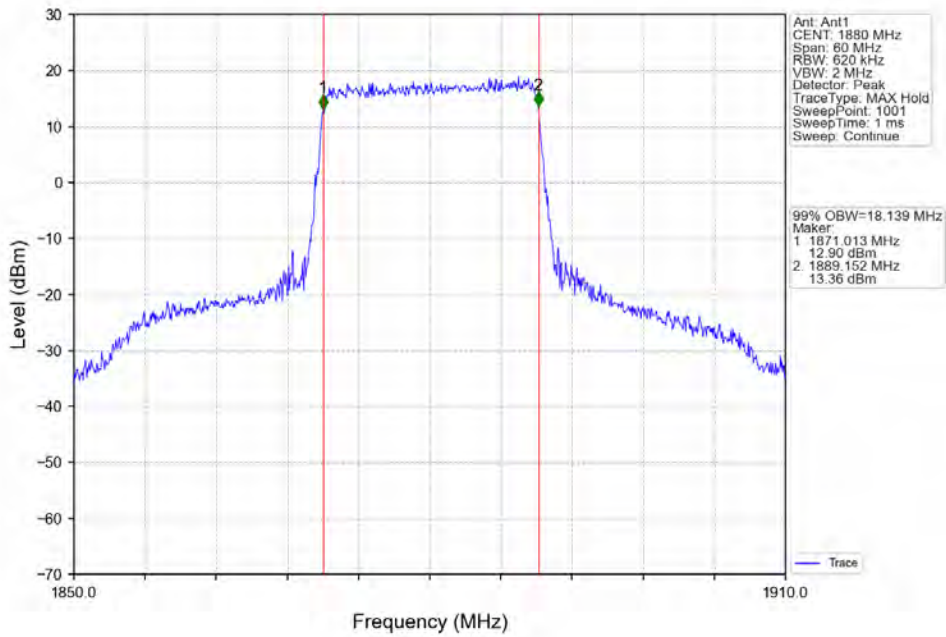
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



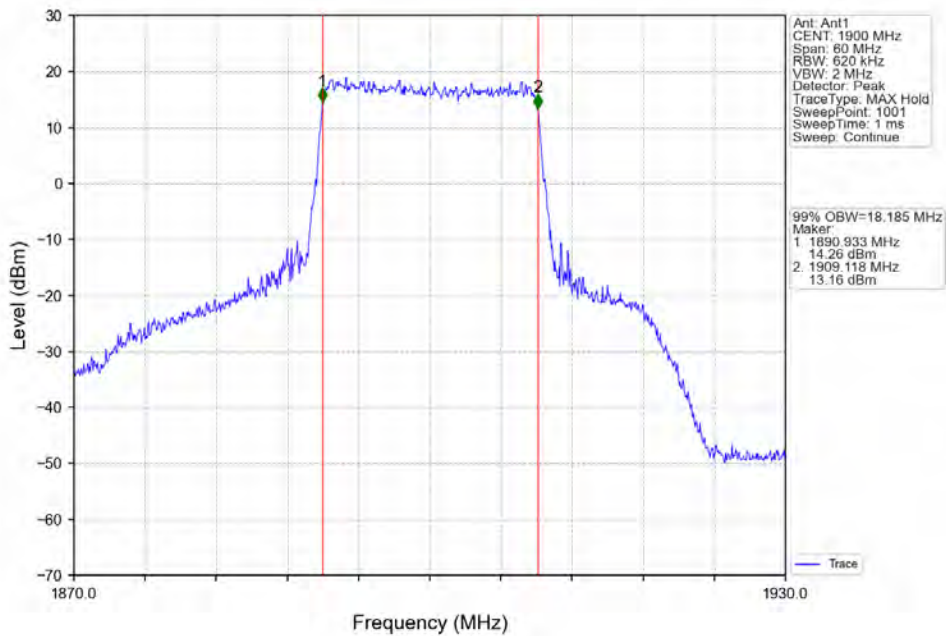
Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV





3.2 Band2\_XDB

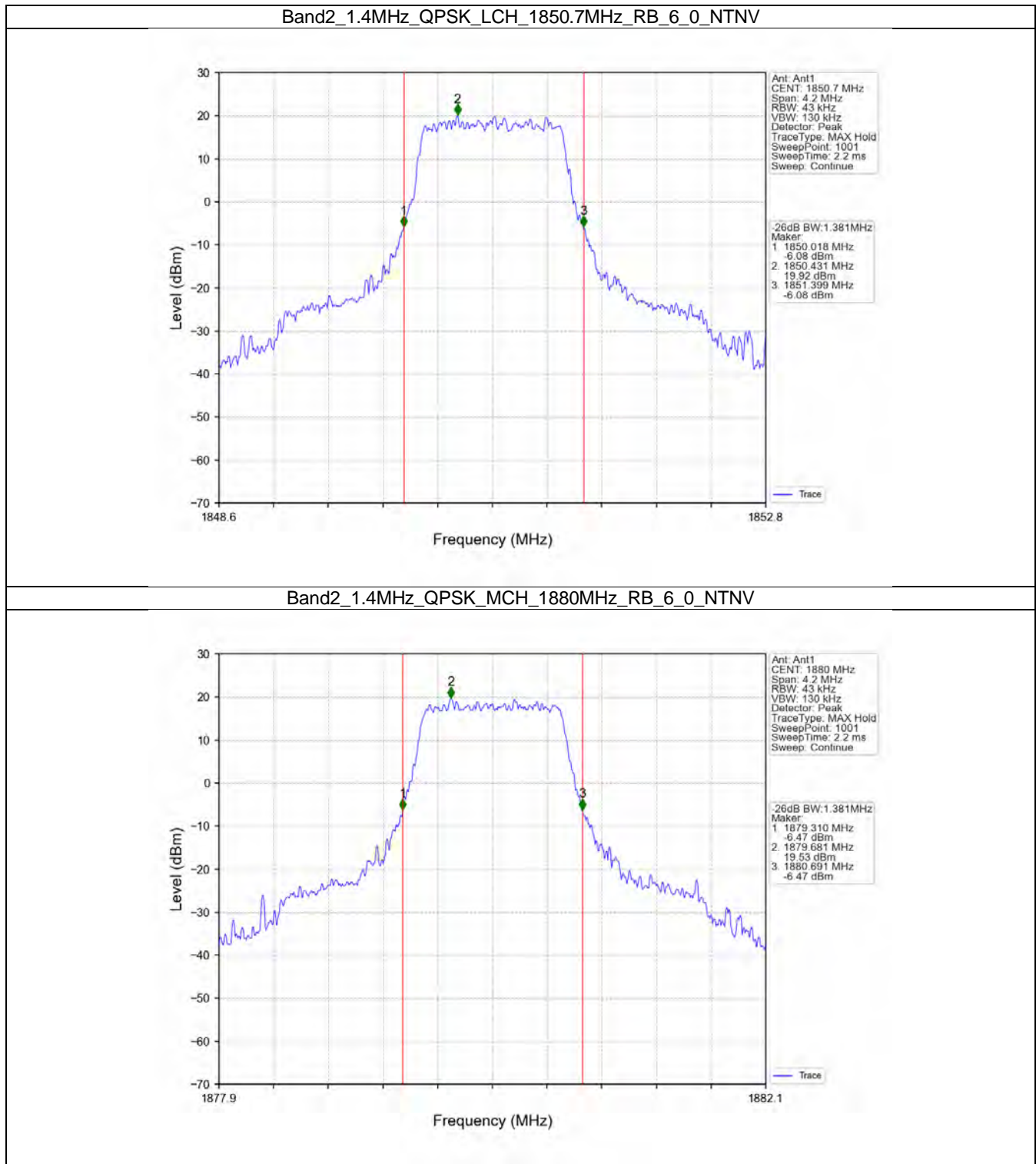
3.2.1 Test Result

Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.381	/	Pass
		1880	6	0	1.381	/	Pass
		1909.3	6	0	1.387	/	Pass
	16QAM	1850.7	6	0	1.419	/	Pass
		1880	6	0	1.405	/	Pass
		1909.3	6	0	1.412	/	Pass
	64QAM	1850.7	6	0	1.382	/	Pass
		1880	6	0	1.387	/	Pass
		1909.3	6	0	1.395	/	Pass
3	QPSK	1851.5	15	0	3.131	/	Pass
		1880	15	0	3.132	/	Pass
		1908.5	15	0	3.127	/	Pass
	16QAM	1851.5	15	0	3.084	/	Pass
		1880	15	0	3.119	/	Pass
		1908.5	15	0	3.129	/	Pass
	64QAM	1851.5	15	0	3.127	/	Pass
		1880	15	0	3.065	/	Pass
		1908.5	15	0	3.136	/	Pass
5	QPSK	1852.5	25	0	5.242	/	Pass
		1880	25	0	5.233	/	Pass
		1907.5	25	0	5.221	/	Pass
	16QAM	1852.5	25	0	5.197	/	Pass
		1880	25	0	5.120	/	Pass
		1907.5	25	0	5.194	/	Pass
	64QAM	1852.5	25	0	5.207	/	Pass
		1880	25	0	5.252	/	Pass
		1907.5	25	0	5.288	/	Pass
10	QPSK	1855	50	0	10.153	/	Pass
		1880	50	0	10.317	/	Pass
		1905	50	0	10.123	/	Pass
	16QAM	1855	50	0	10.075	/	Pass
		1880	50	0	10.204	/	Pass
		1905	50	0	10.329	/	Pass
	64QAM	1855	50	0	10.210	/	Pass
		1880	50	0	10.137	/	Pass
		1905	50	0	10.129	/	Pass
15	QPSK	1857.5	75	0	15.413	/	Pass
		1880	75	0	15.259	/	Pass
		1902.5	75	0	15.252	/	Pass
	16QAM	1857.5	75	0	15.103	/	Pass
		1880	75	0	15.027	/	Pass
		1902.5	75	0	15.109	/	Pass
	64QAM	1857.5	75	0	15.204	/	Pass
		1880	75	0	15.124	/	Pass
		1902.5	75	0	15.307	/	Pass
20	QPSK	1860	100	0	19.946	/	Pass

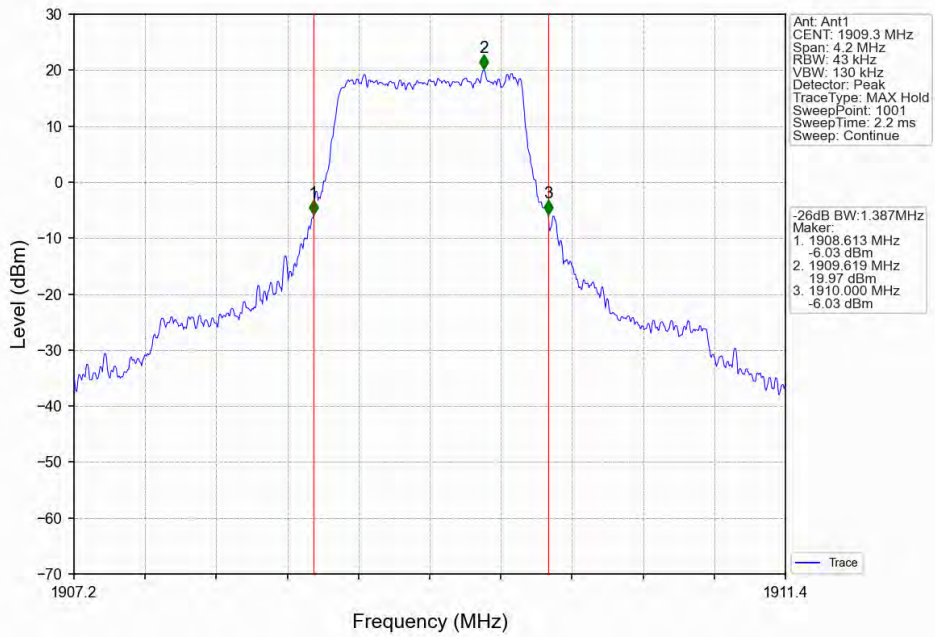


		1880	100	0	20.216	/	Pass
		1900	100	0	20.023	/	Pass
	16QAM	1860	100	0	19.941	/	Pass
		1880	100	0	20.011	/	Pass
		1900	100	0	20.004	/	Pass
	64QAM	1860	100	0	20.110	/	Pass
		1880	100	0	19.983	/	Pass
		1900	100	0	20.120	/	Pass

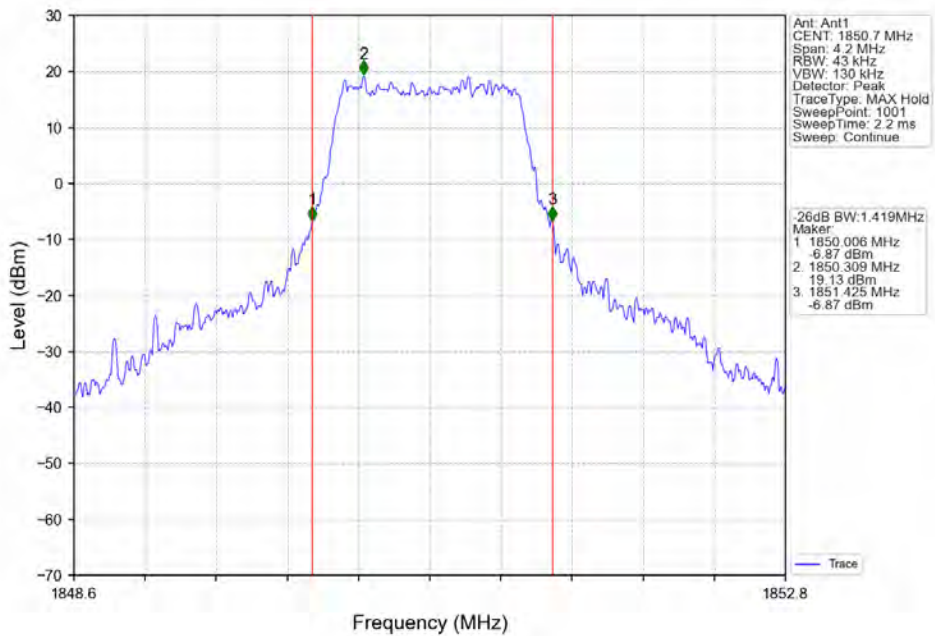
3.2.2 Test Graph



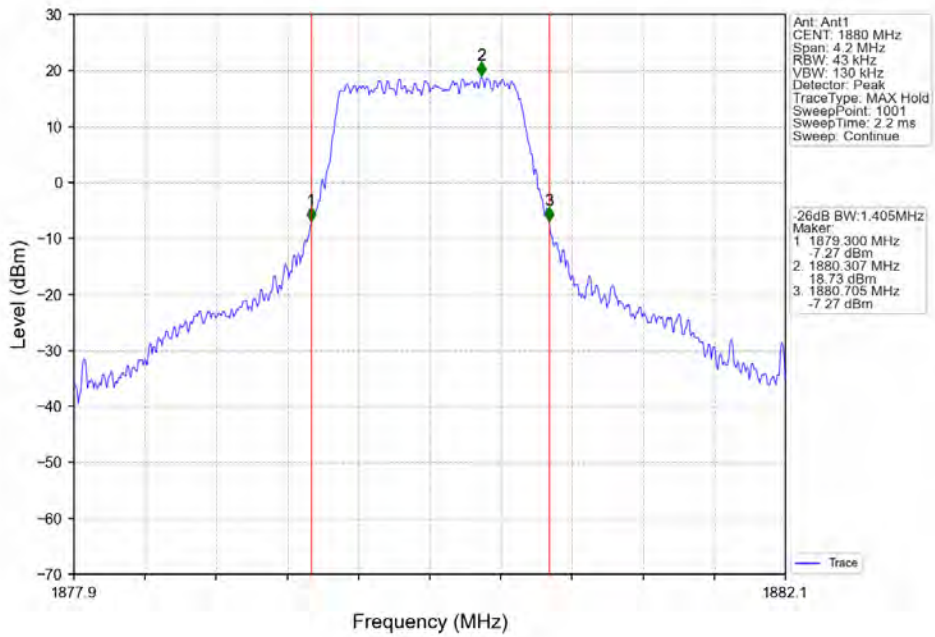
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



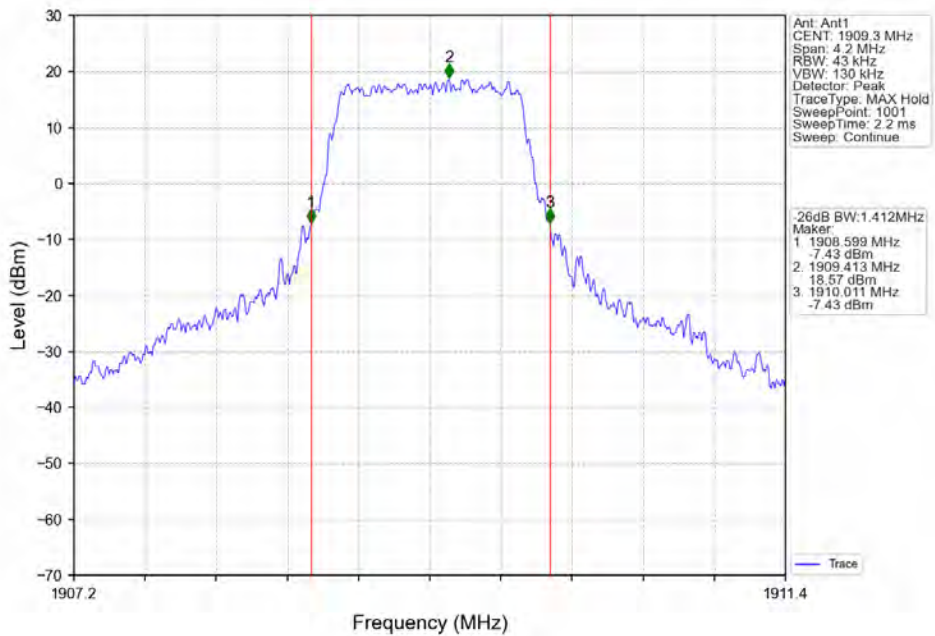
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



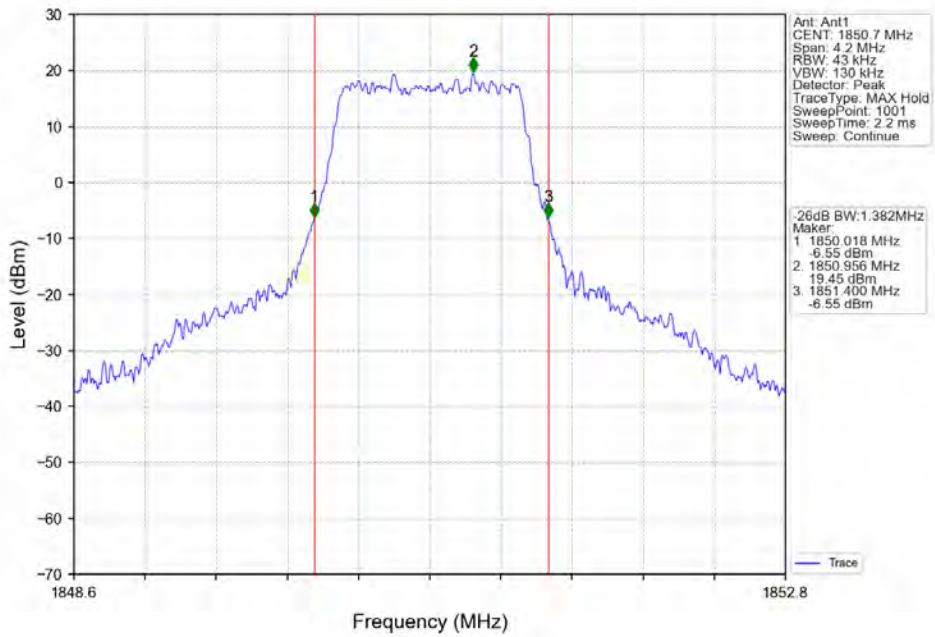
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



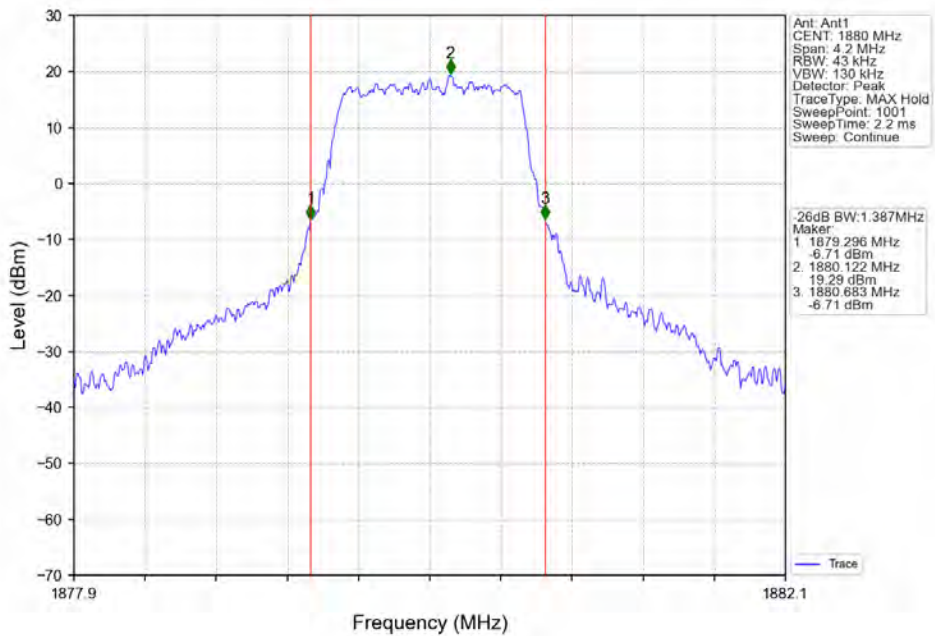
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

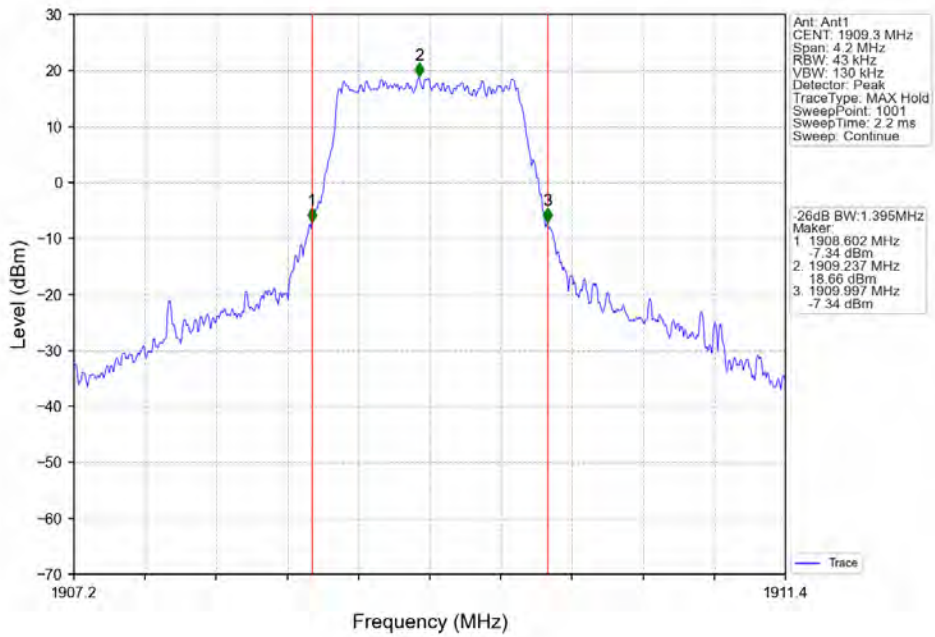


Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV

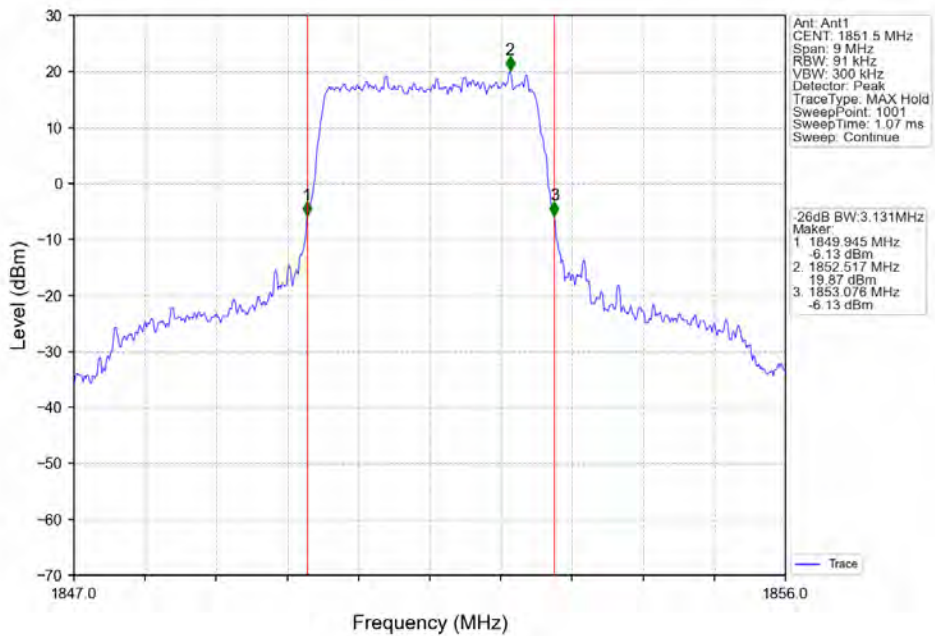




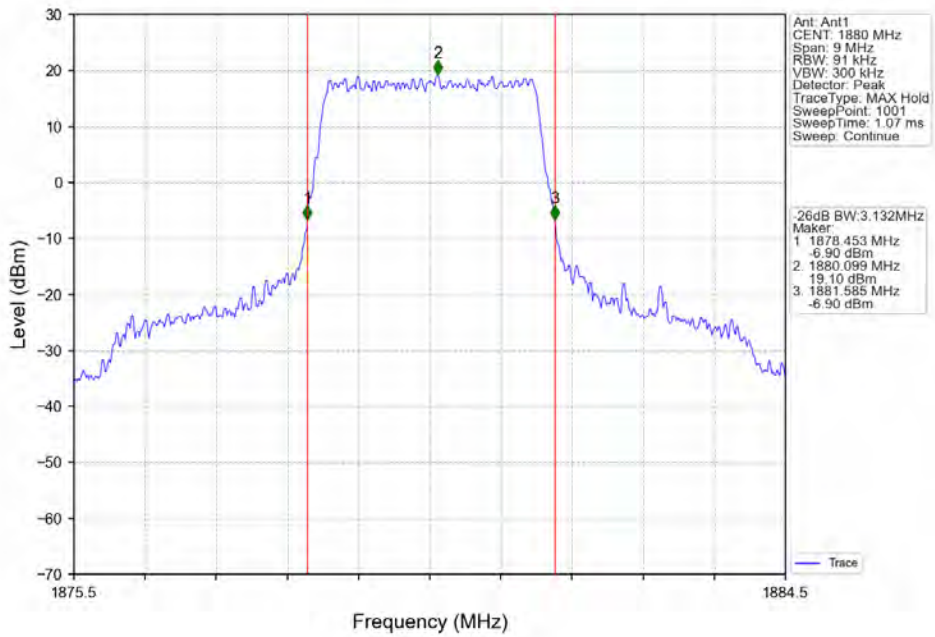
Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



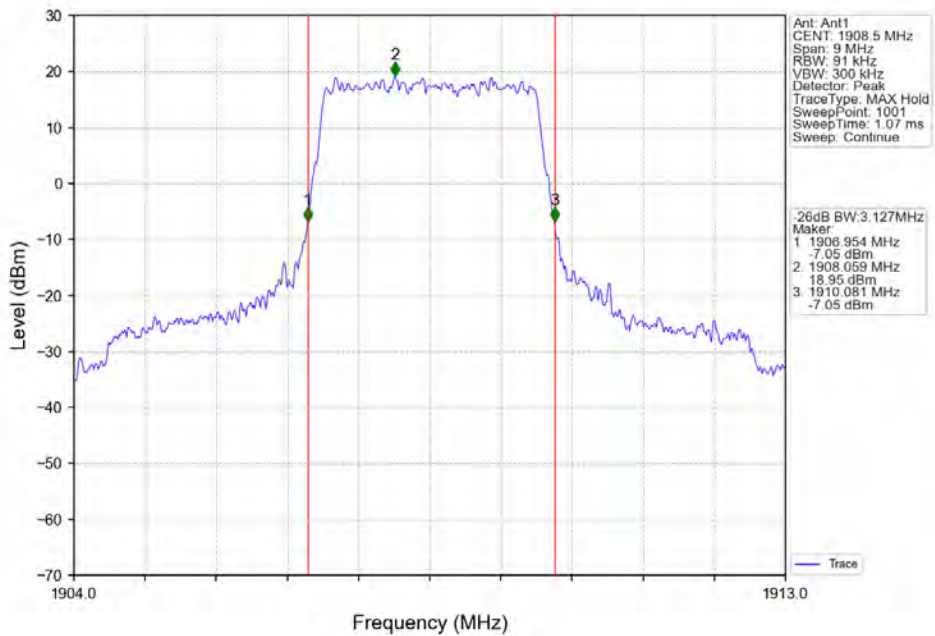
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV

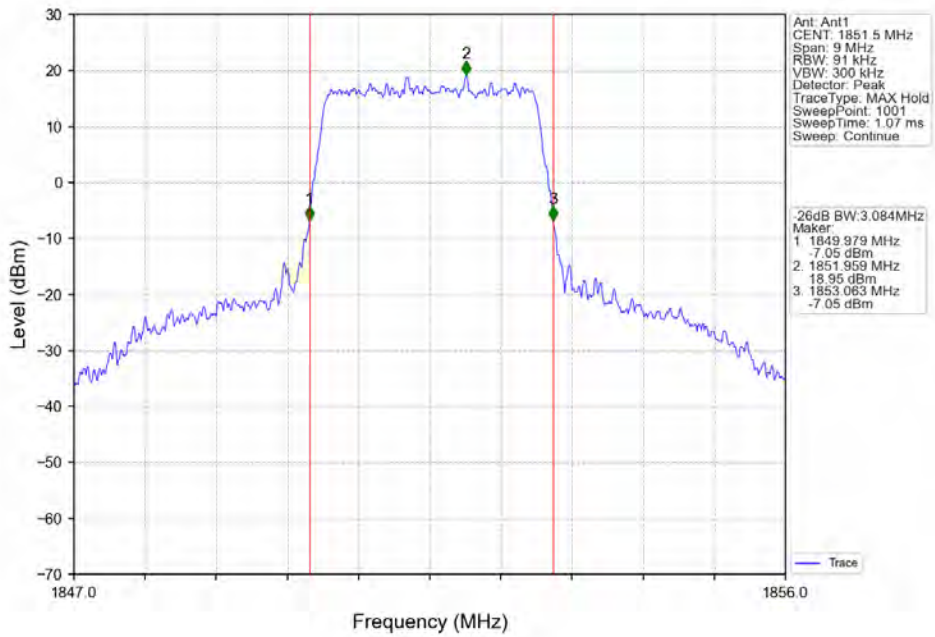


Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

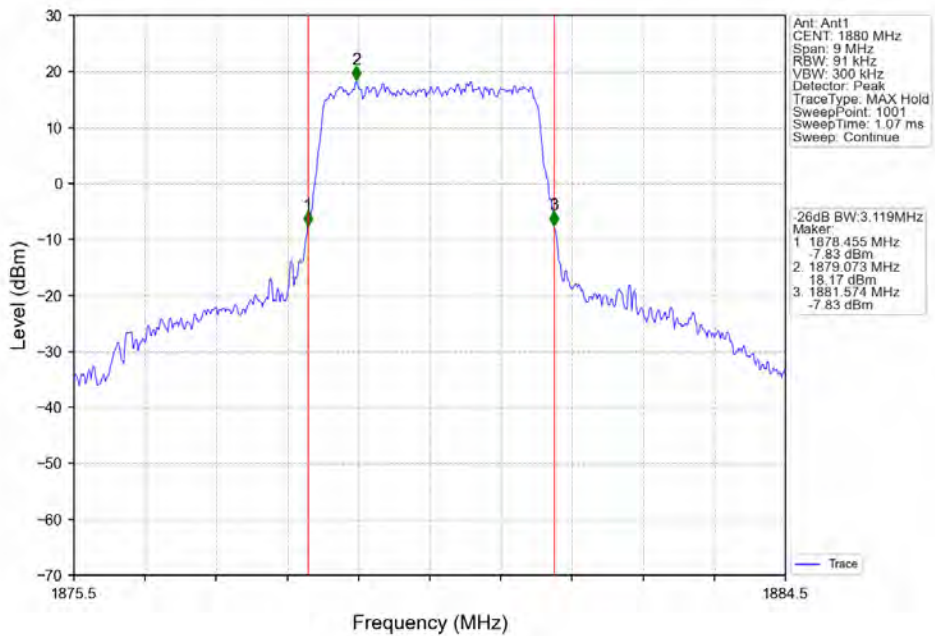




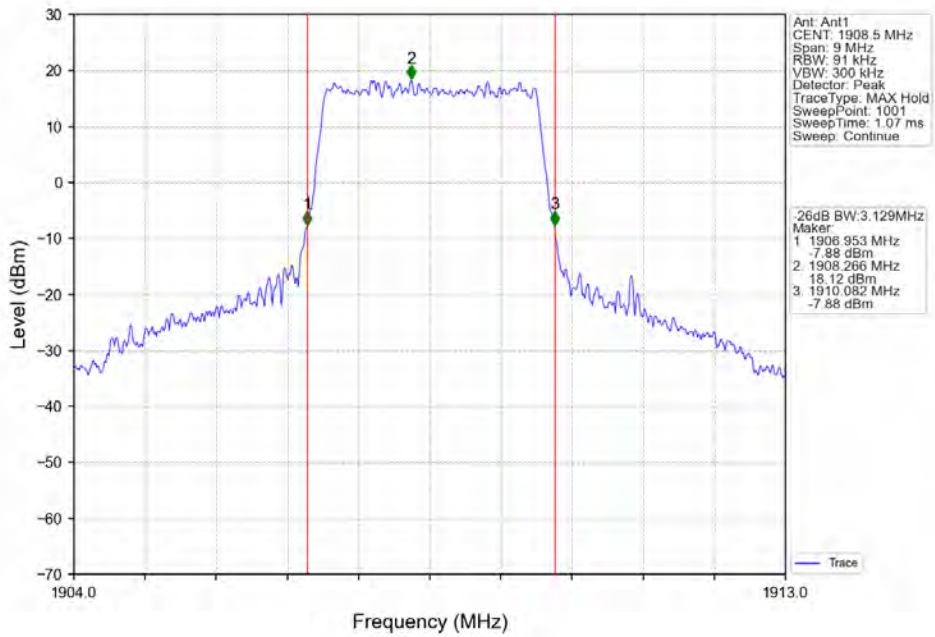
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



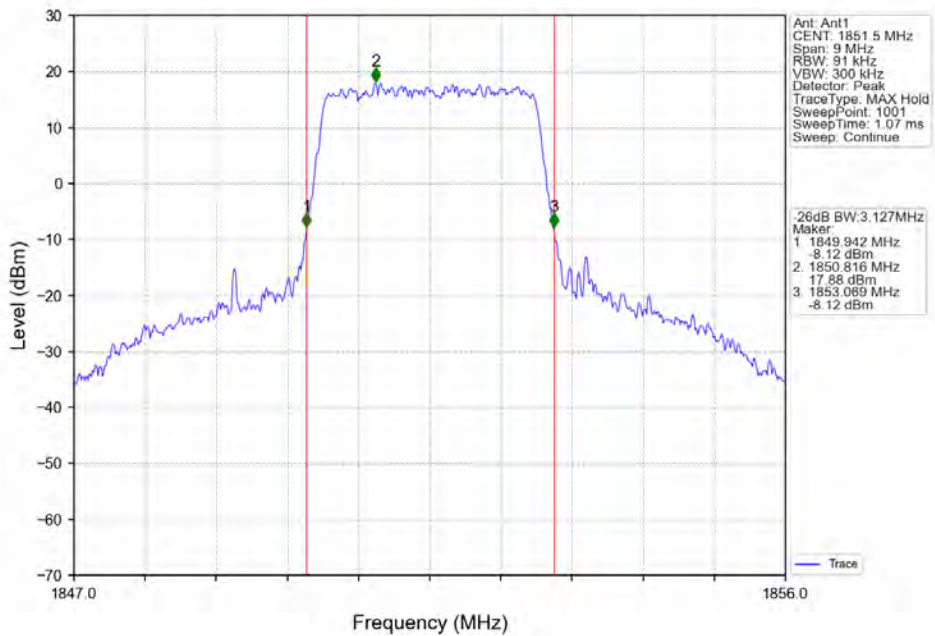
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



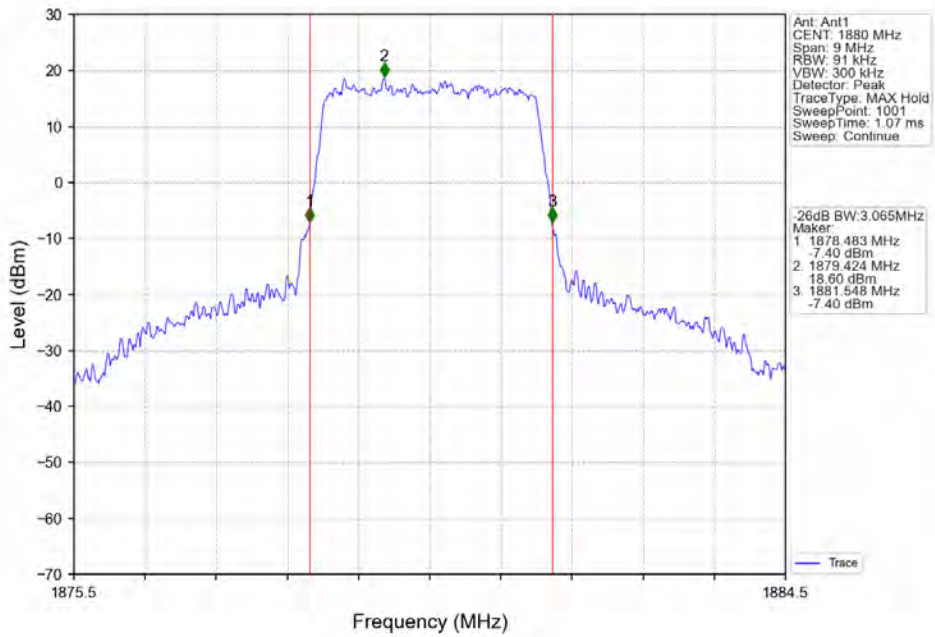
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



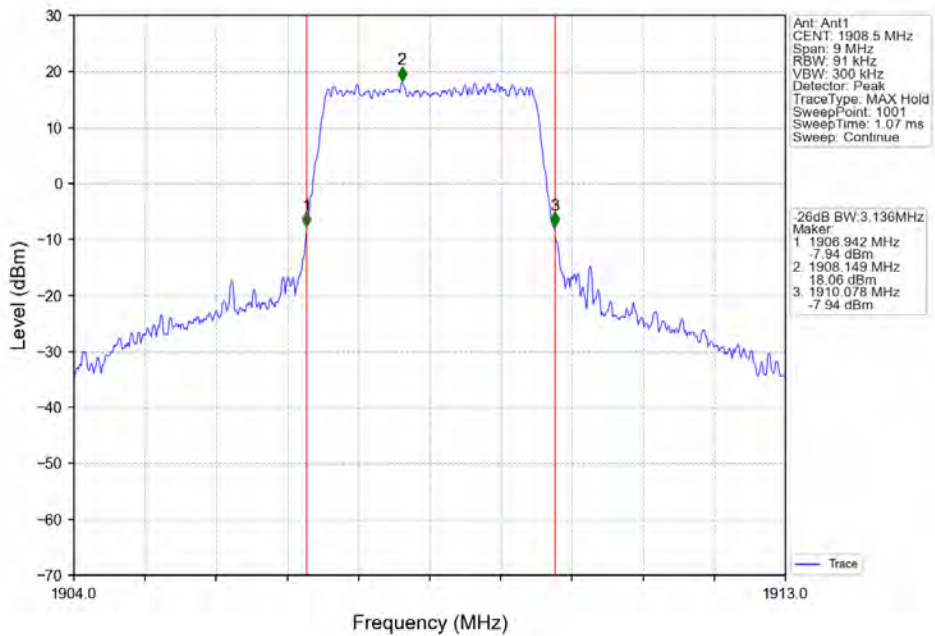
Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



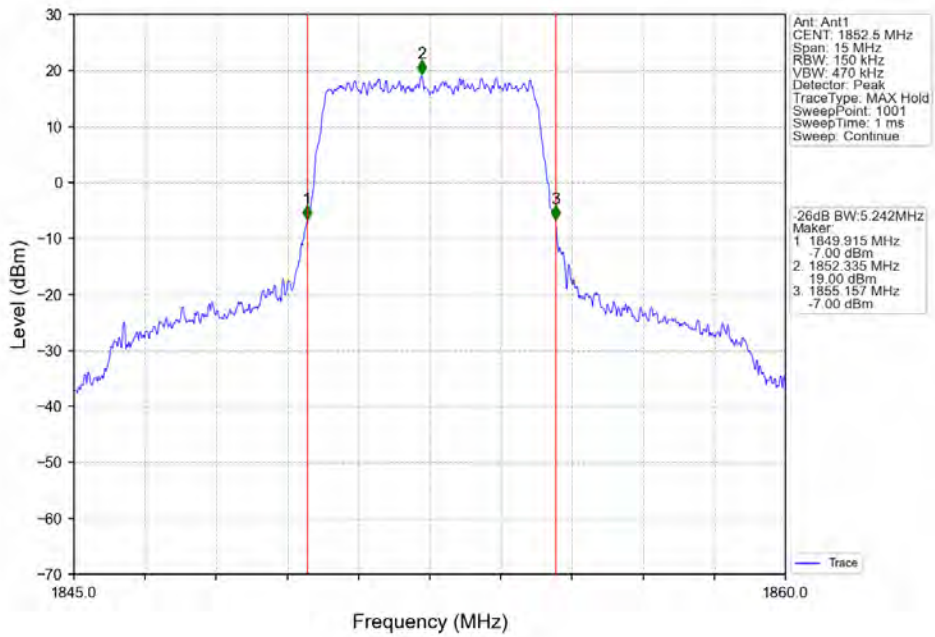
Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



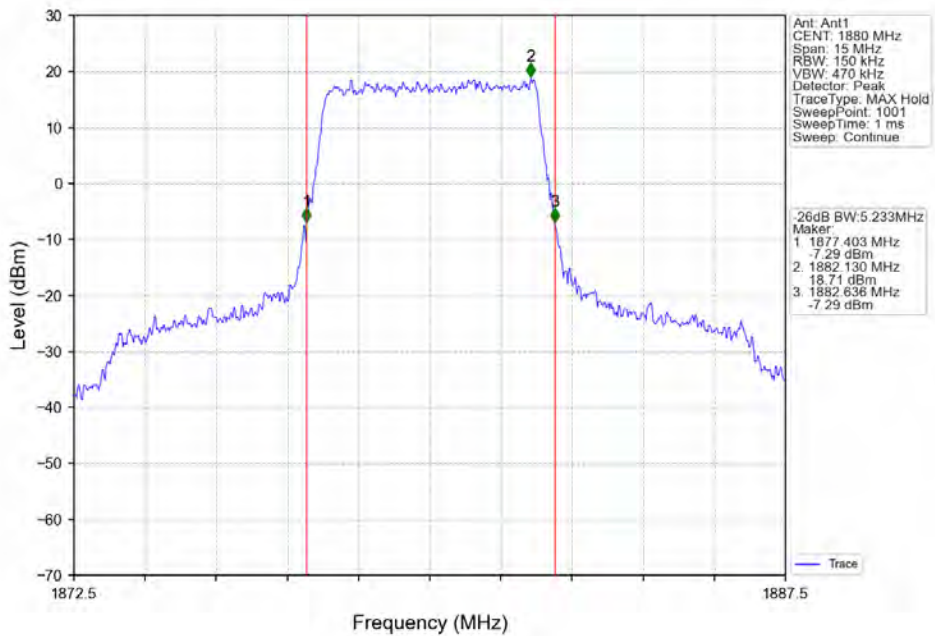
Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



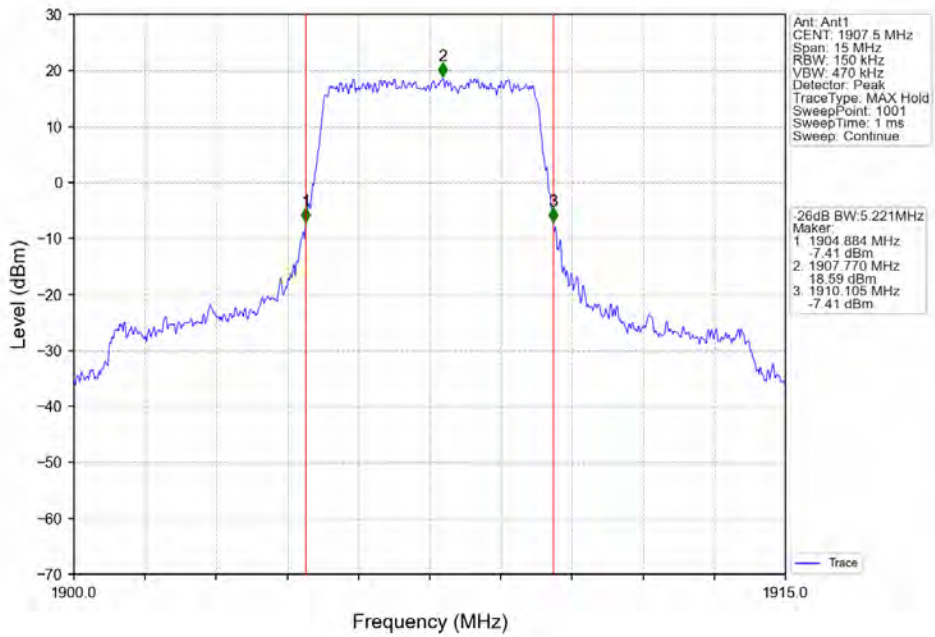
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



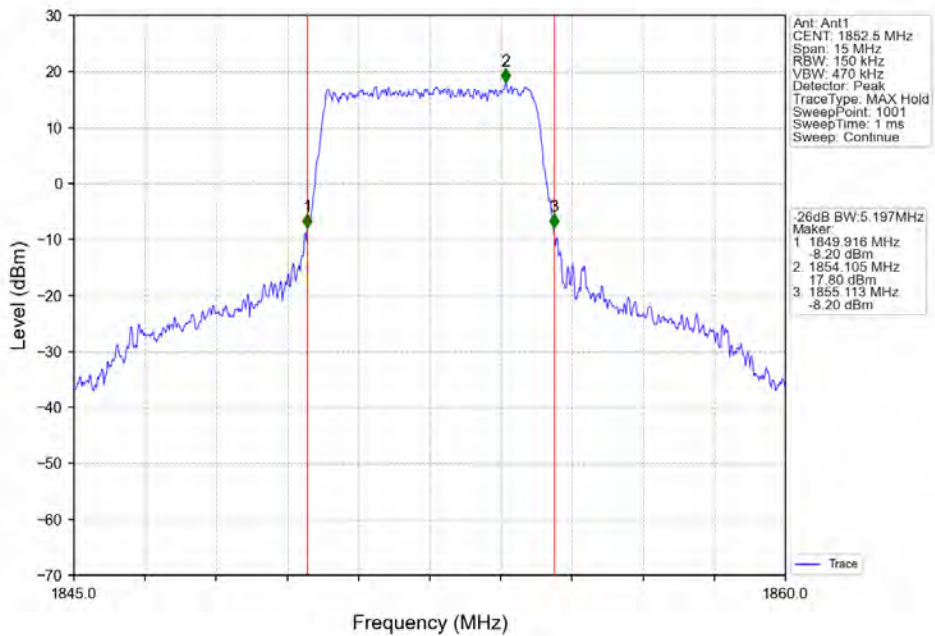
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

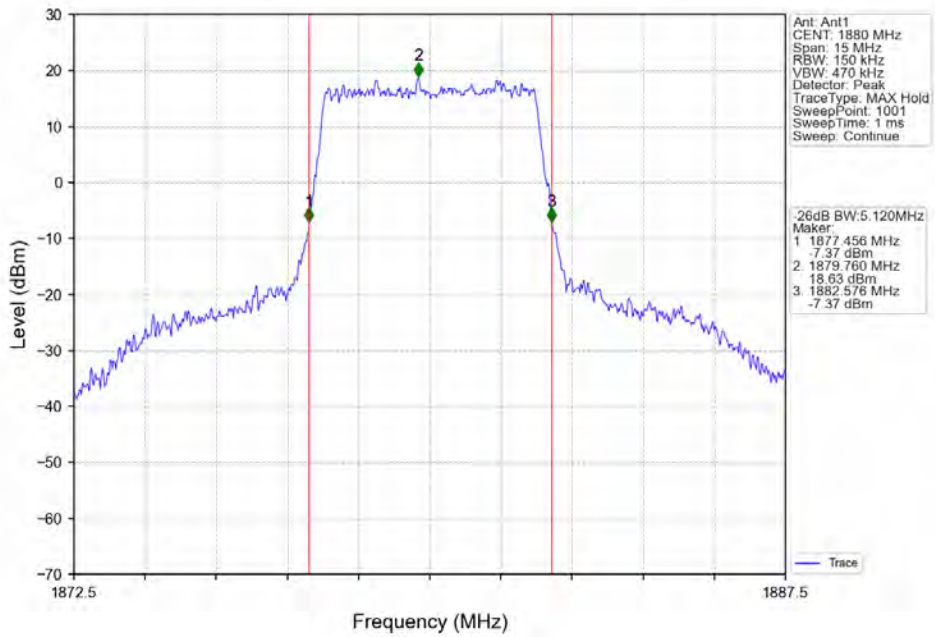


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

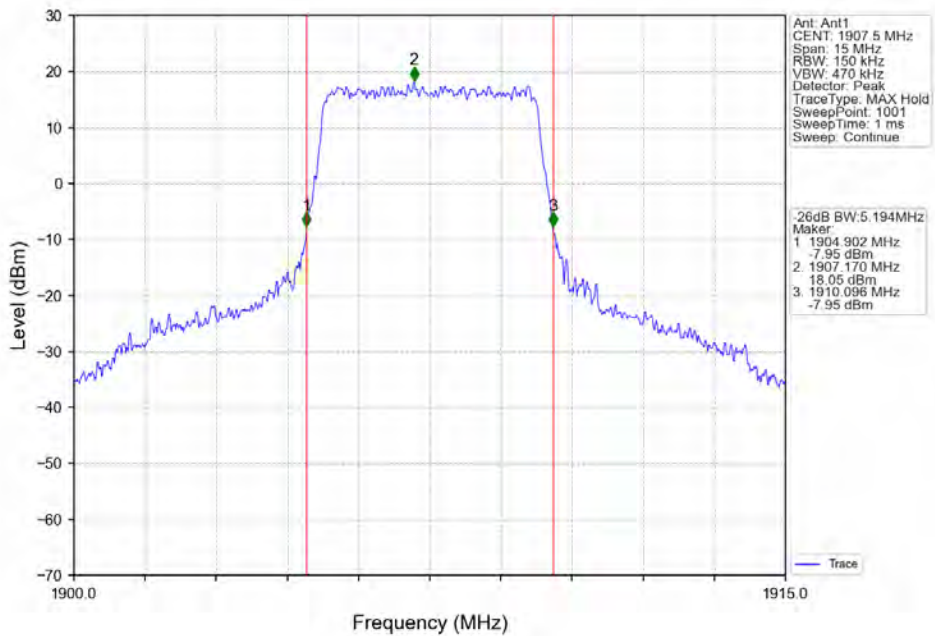




Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV

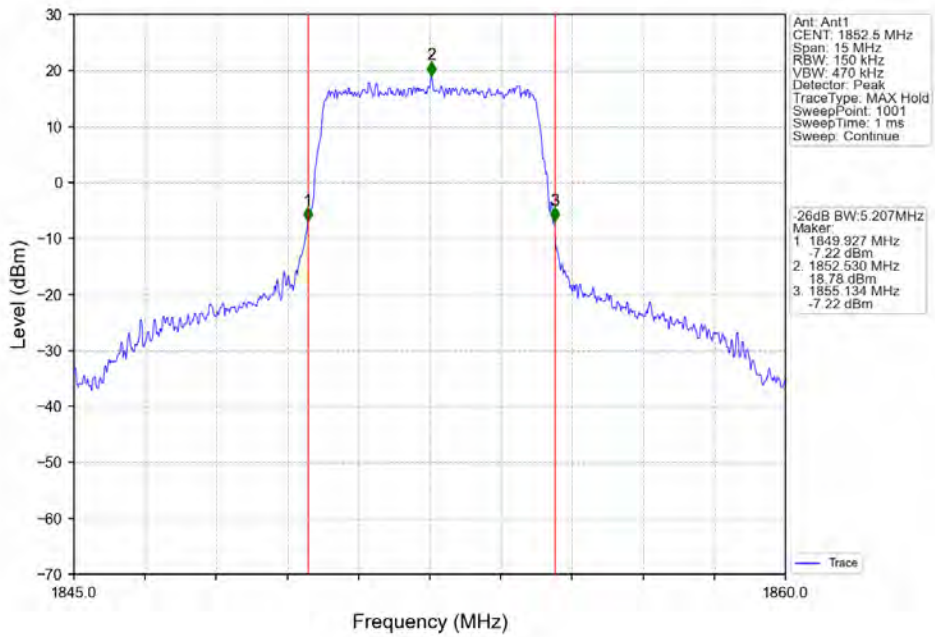


Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

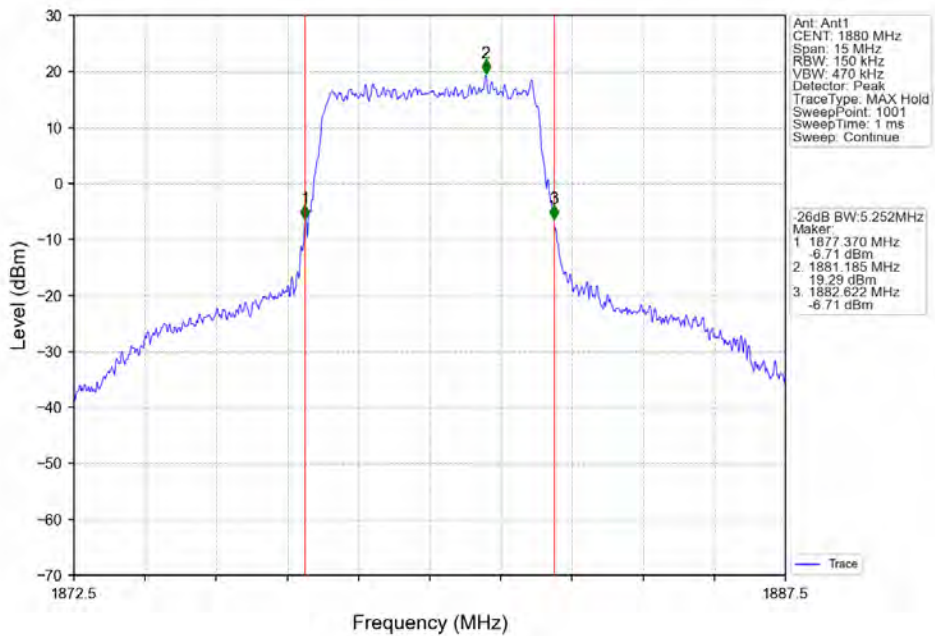




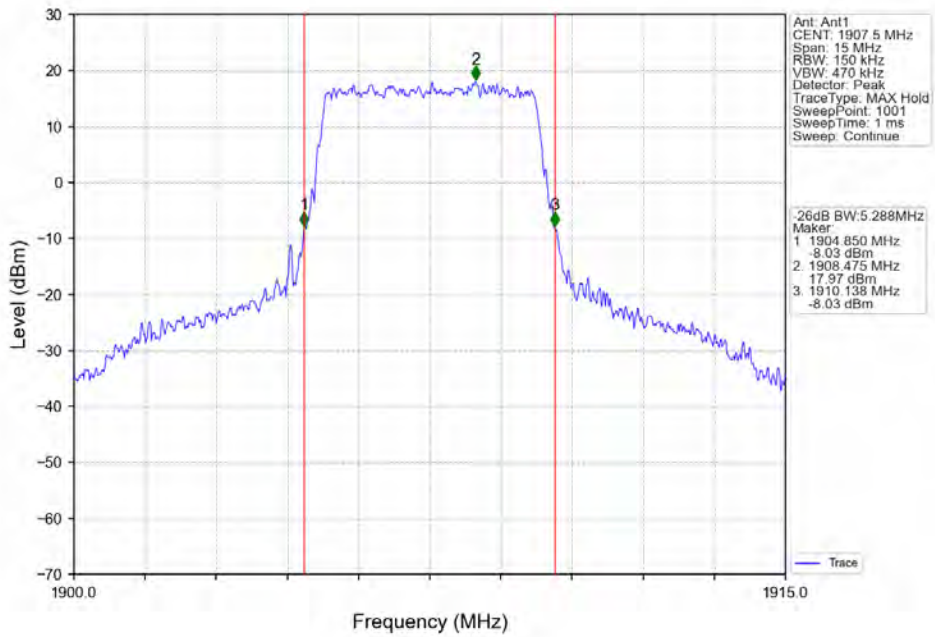
Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



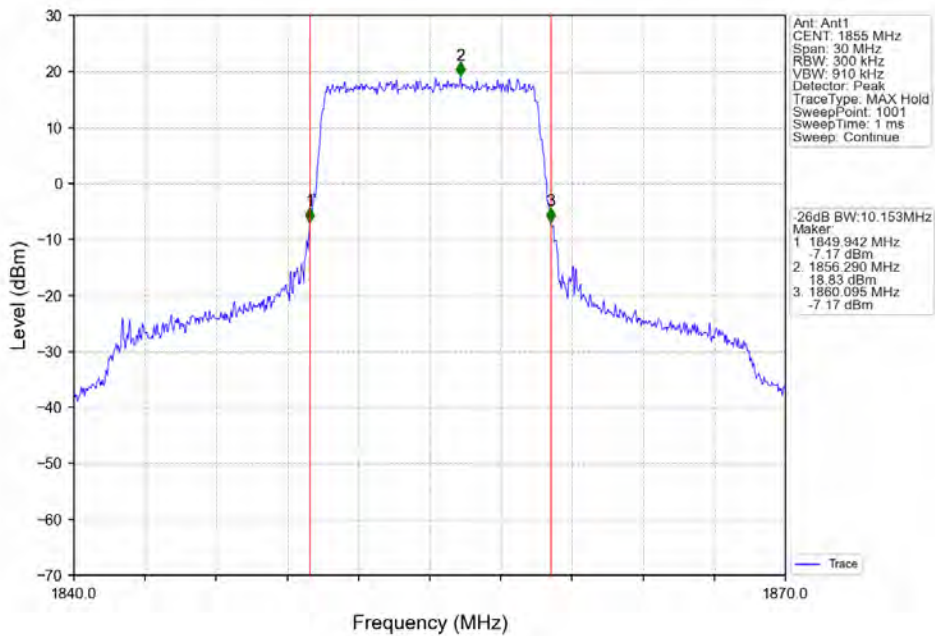
Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



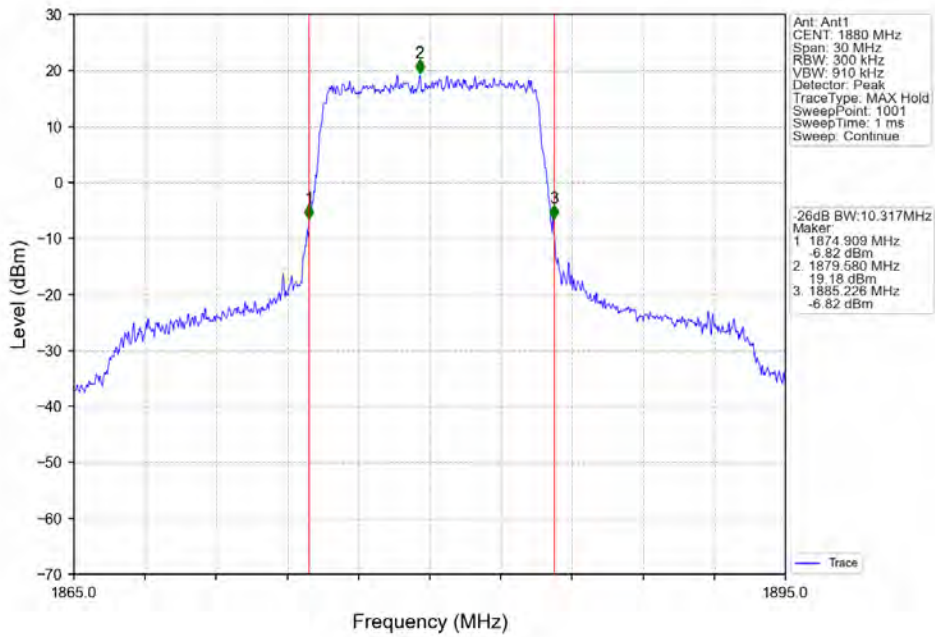
Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



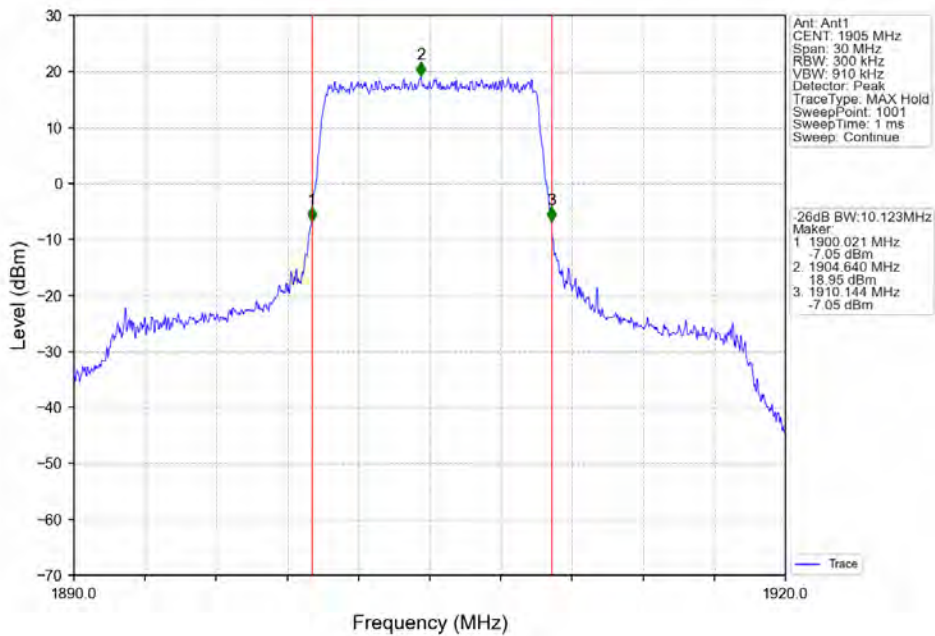
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



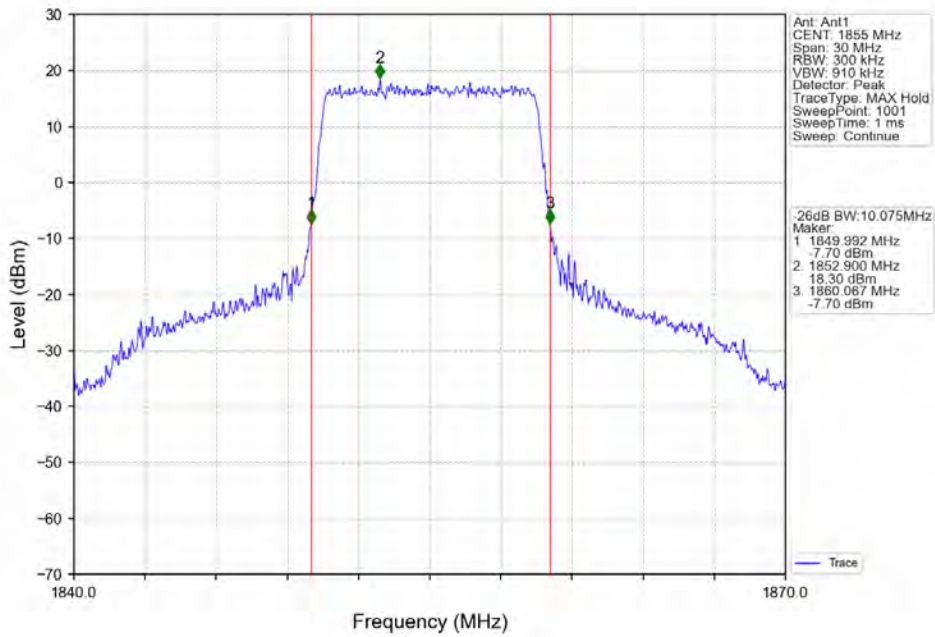
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



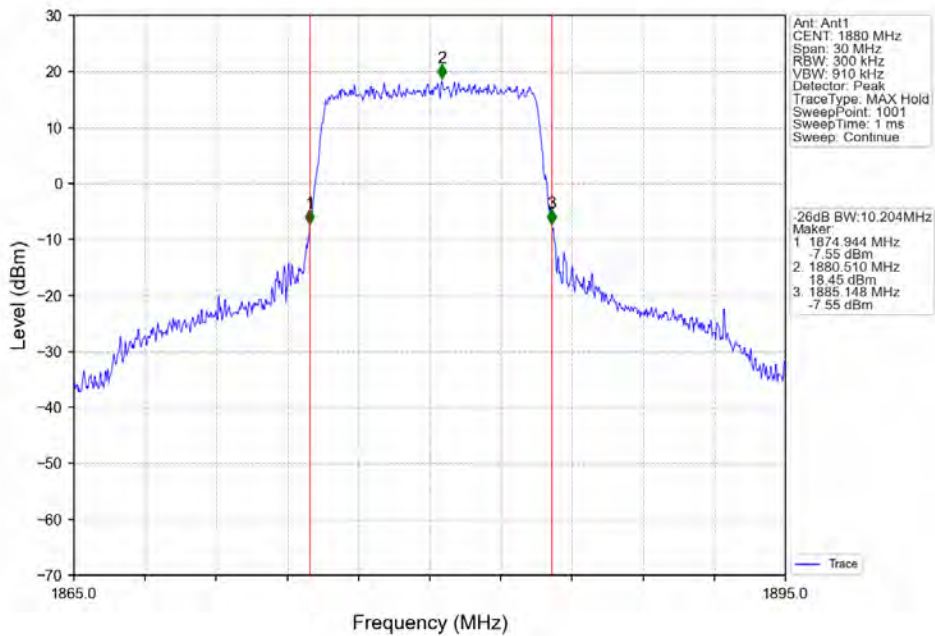
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



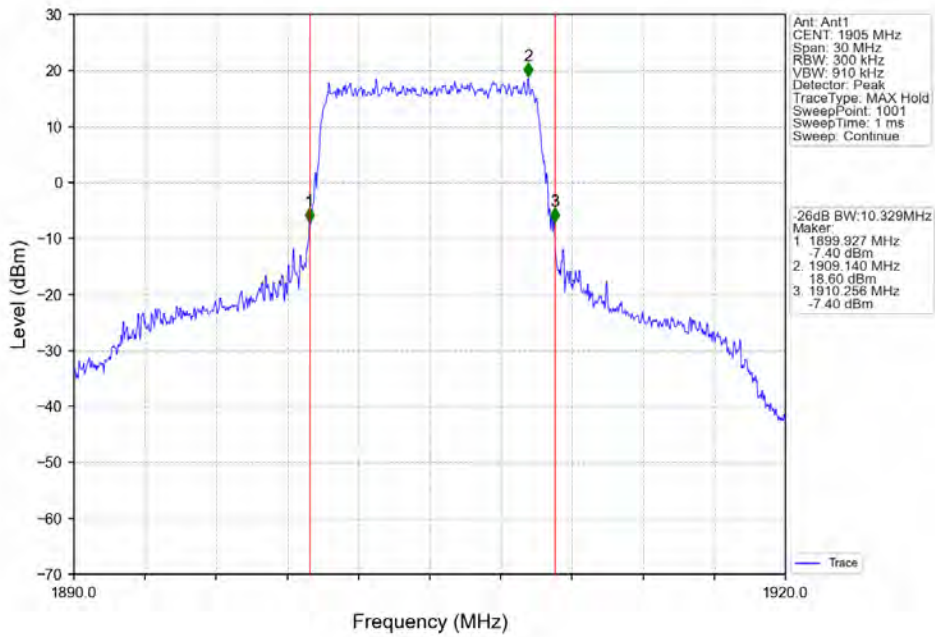
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



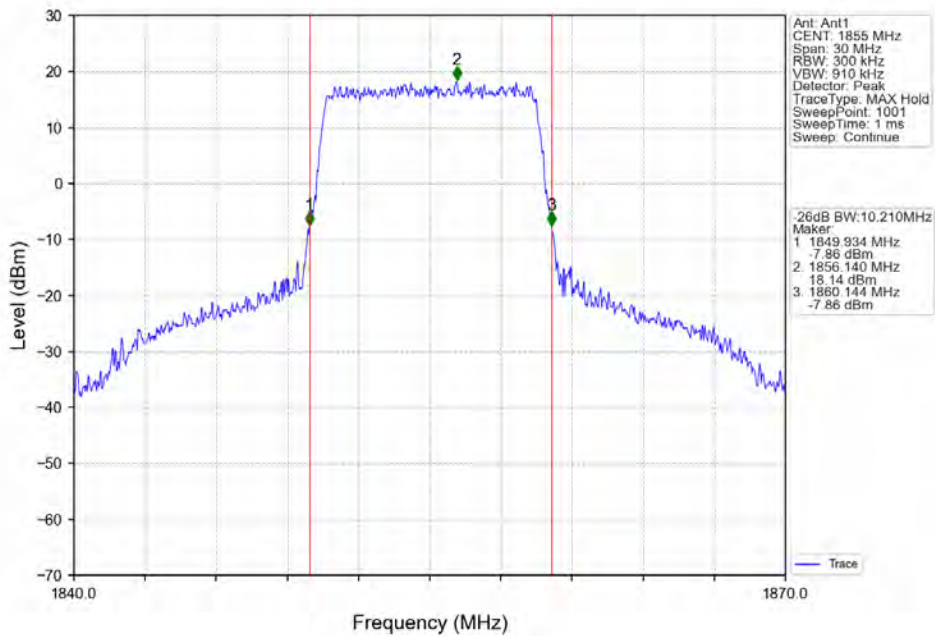
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

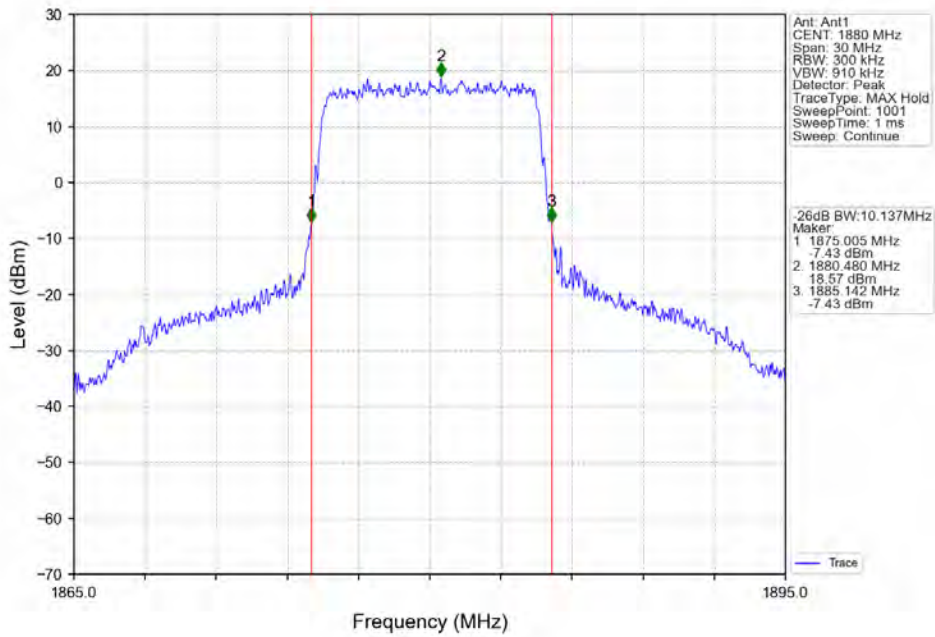


Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

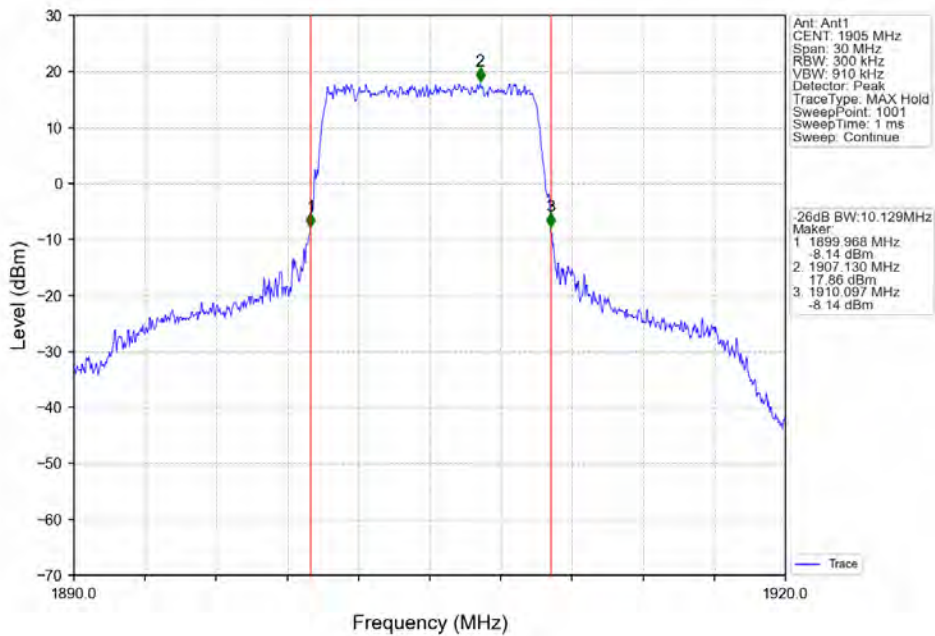




Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV

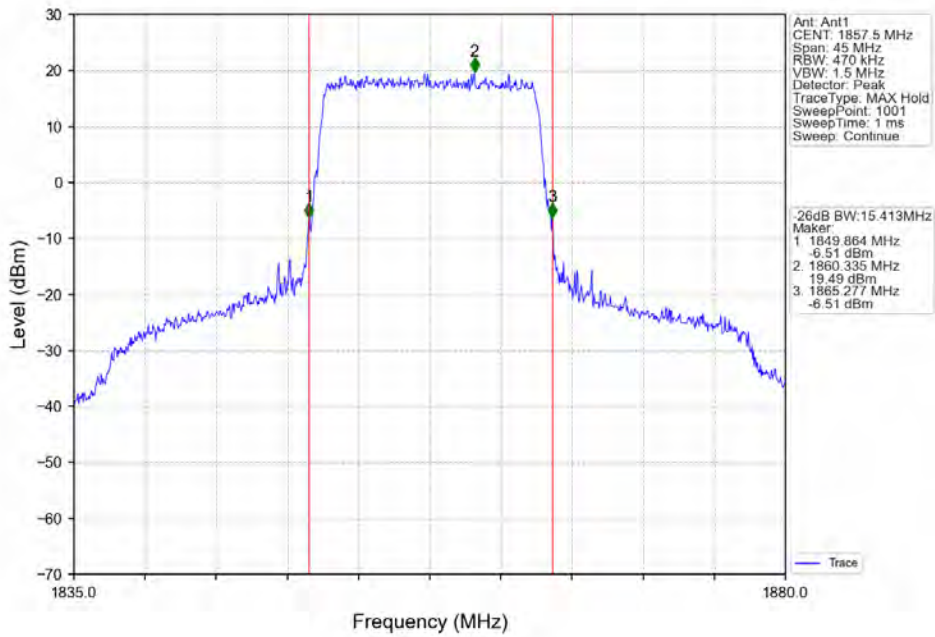


Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

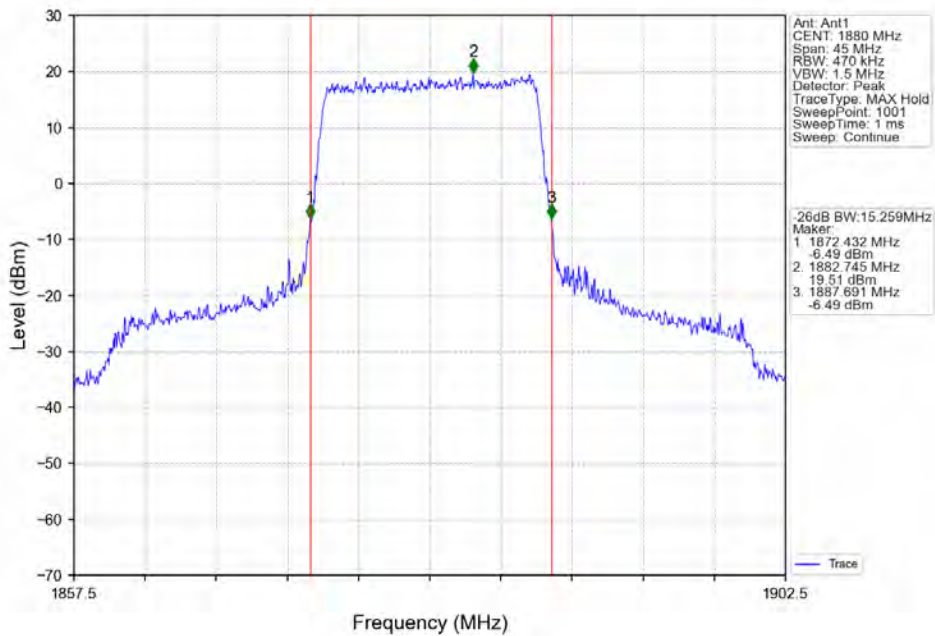




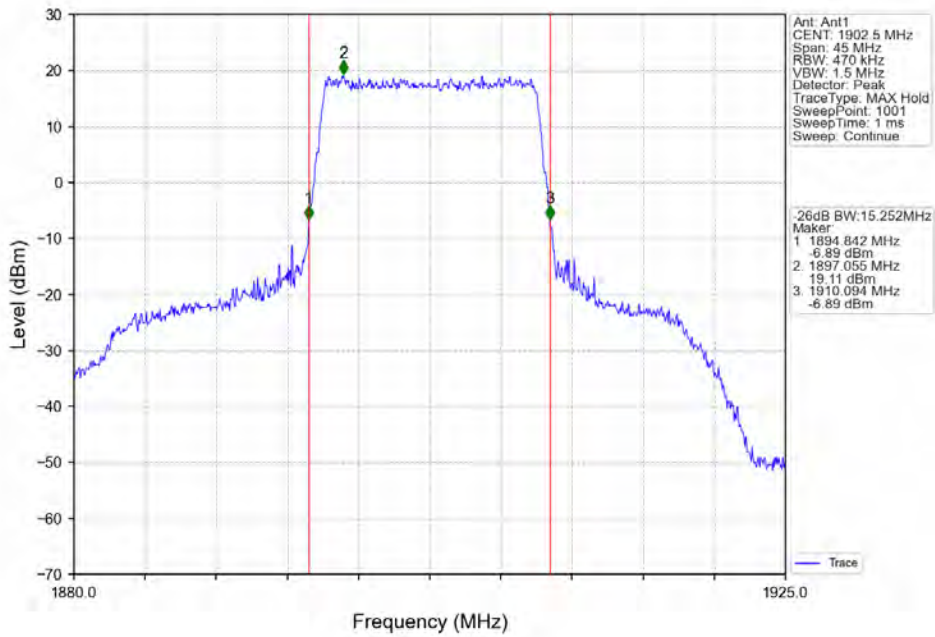
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



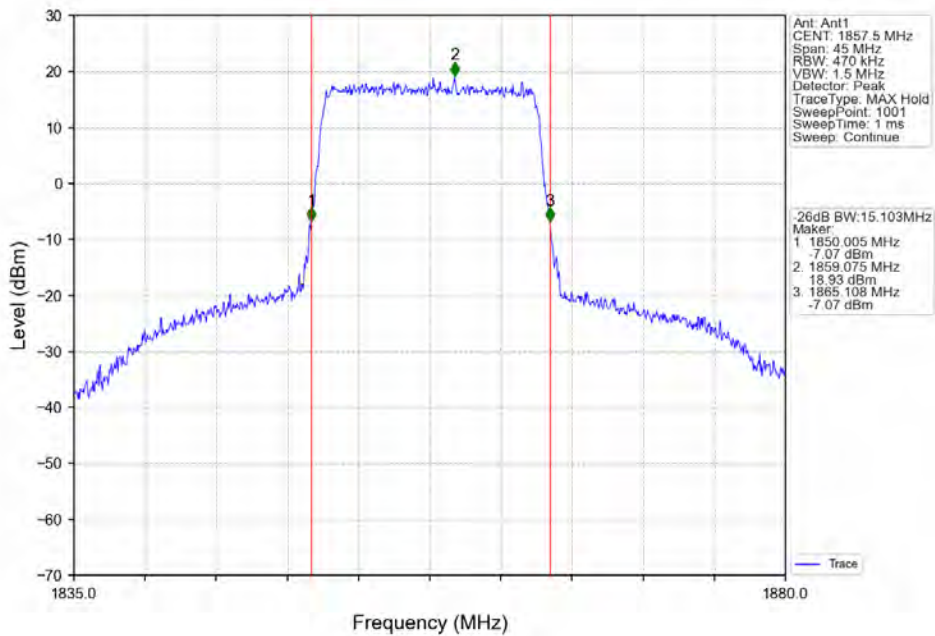
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



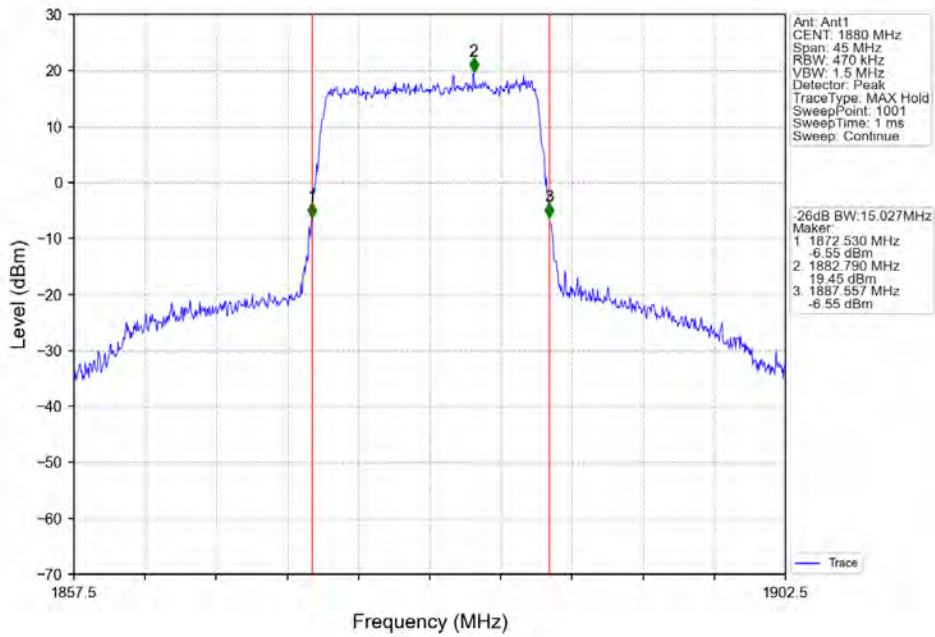
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



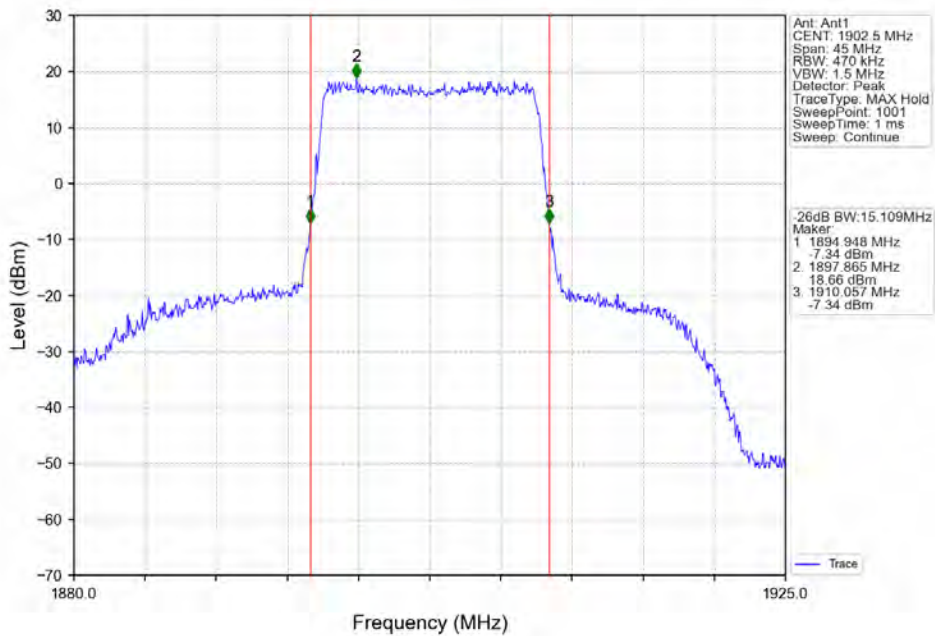
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



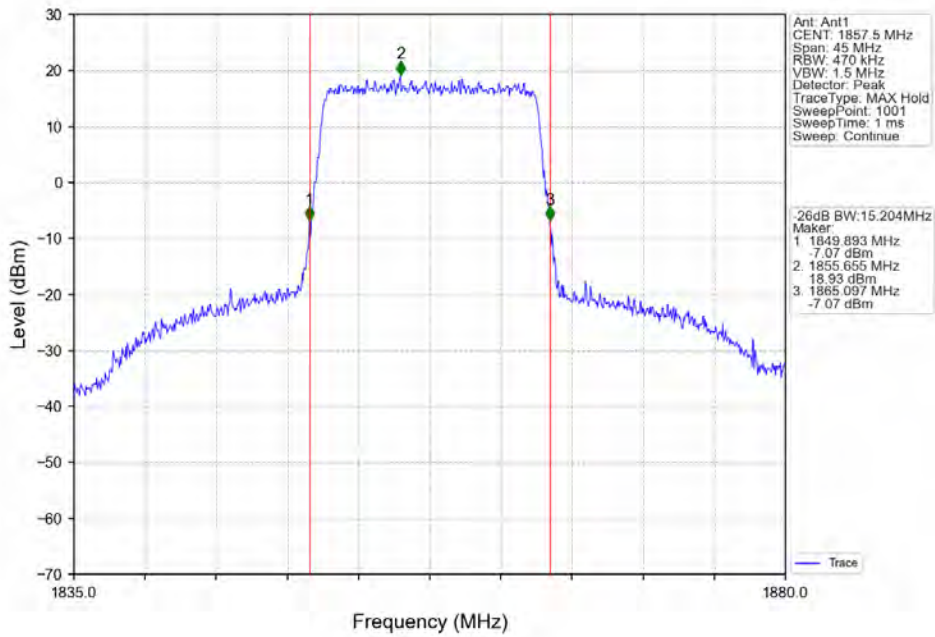
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



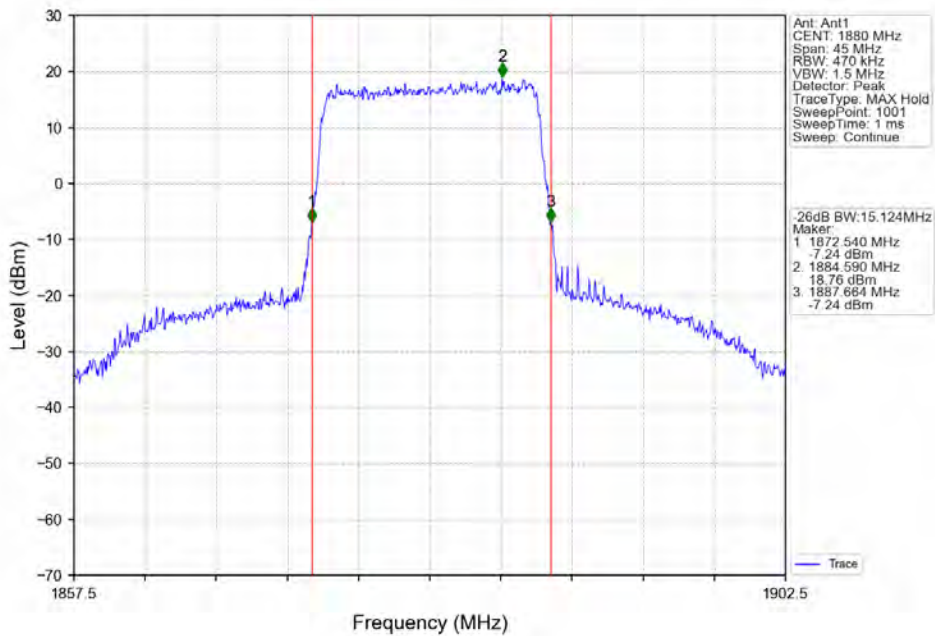
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



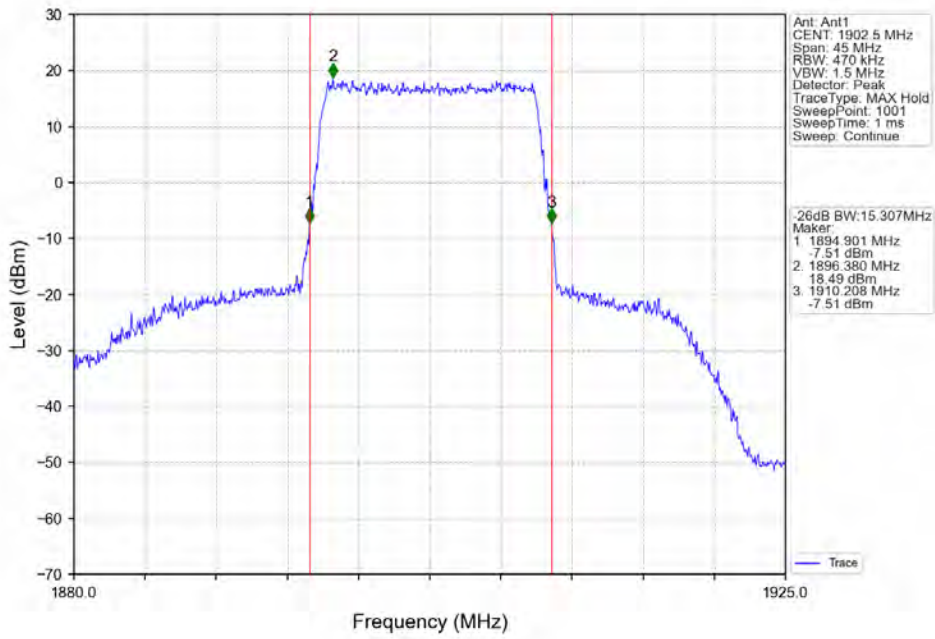
Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



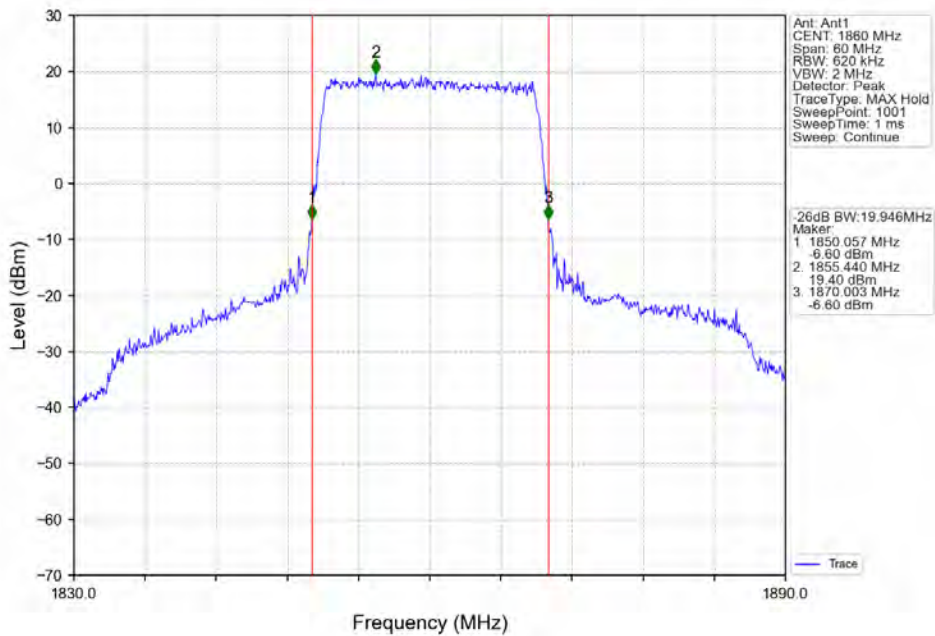
Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

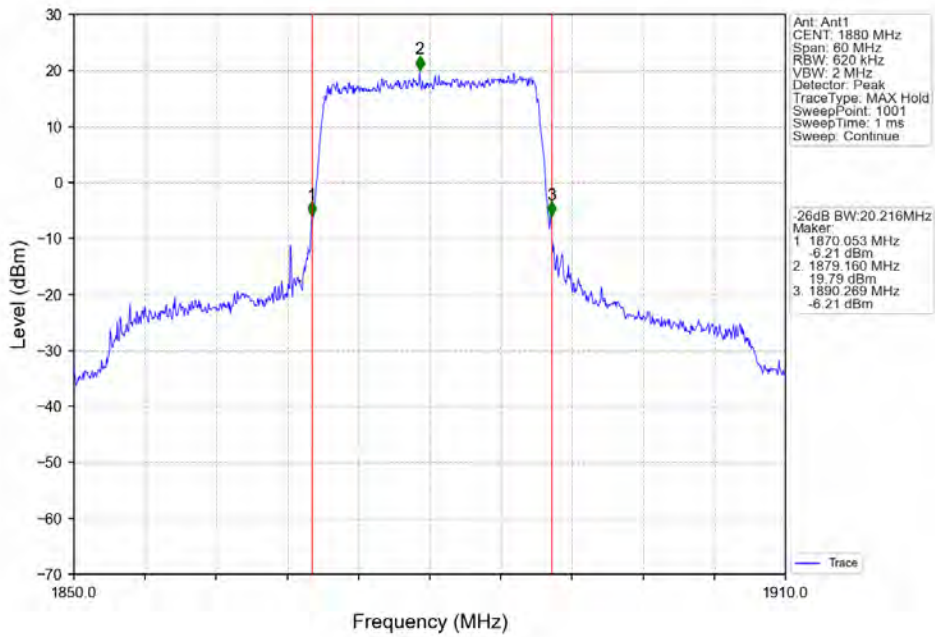


Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

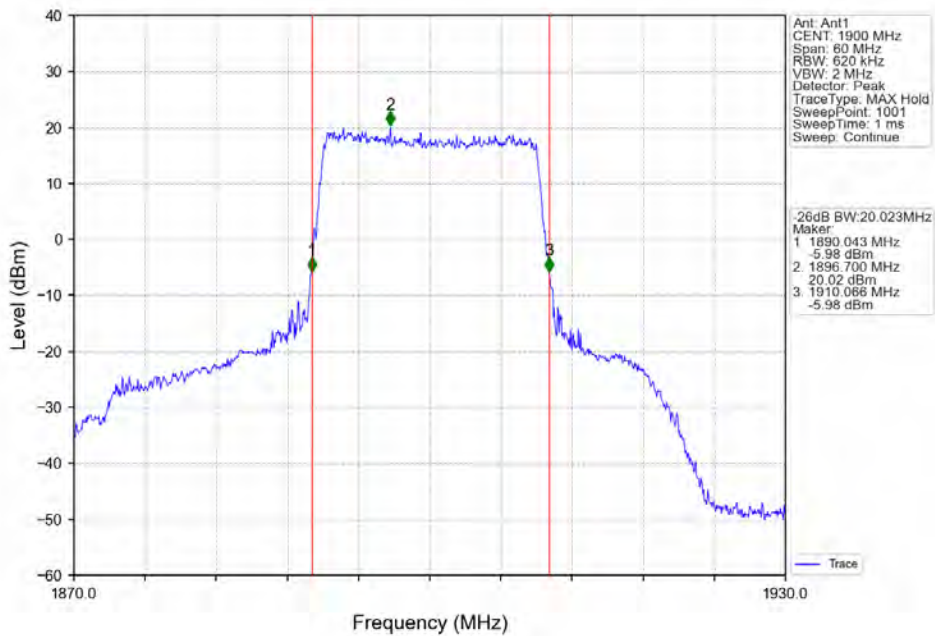




Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV

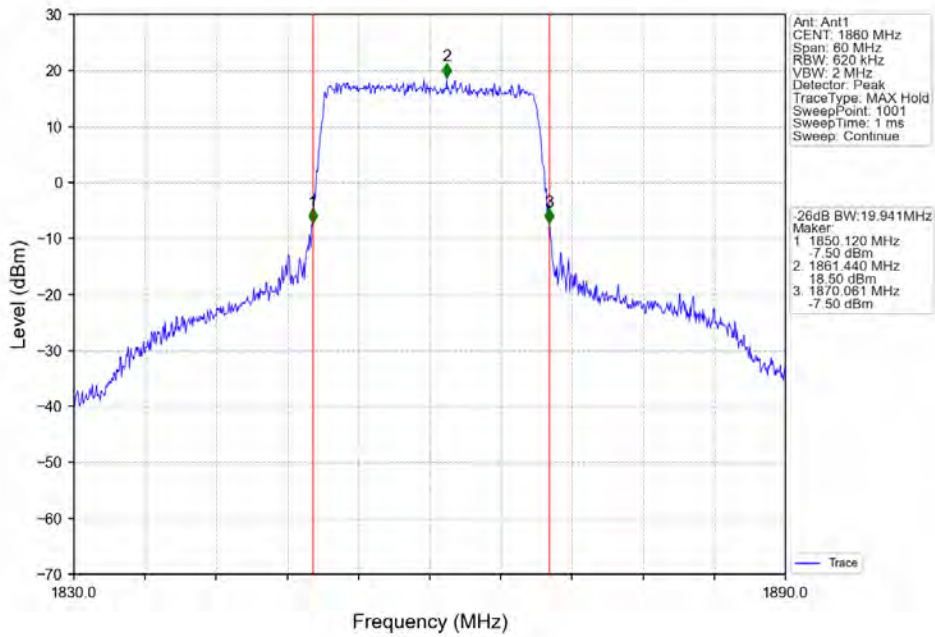


Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

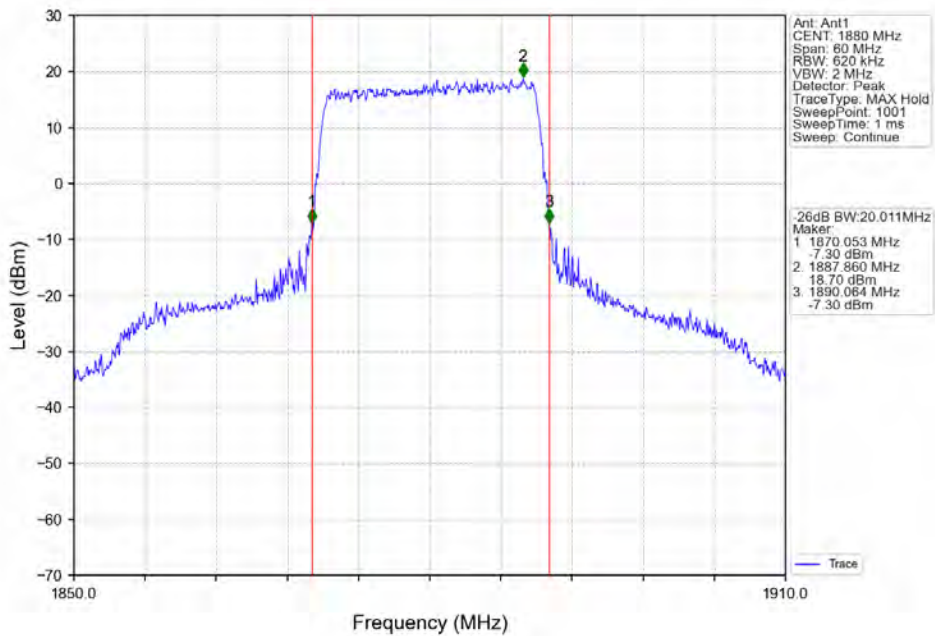




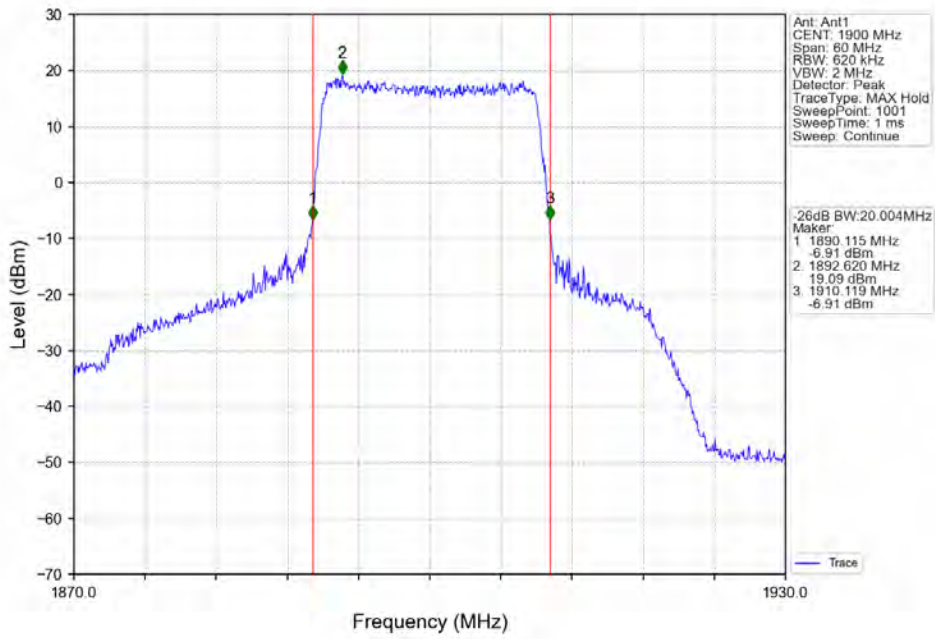
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



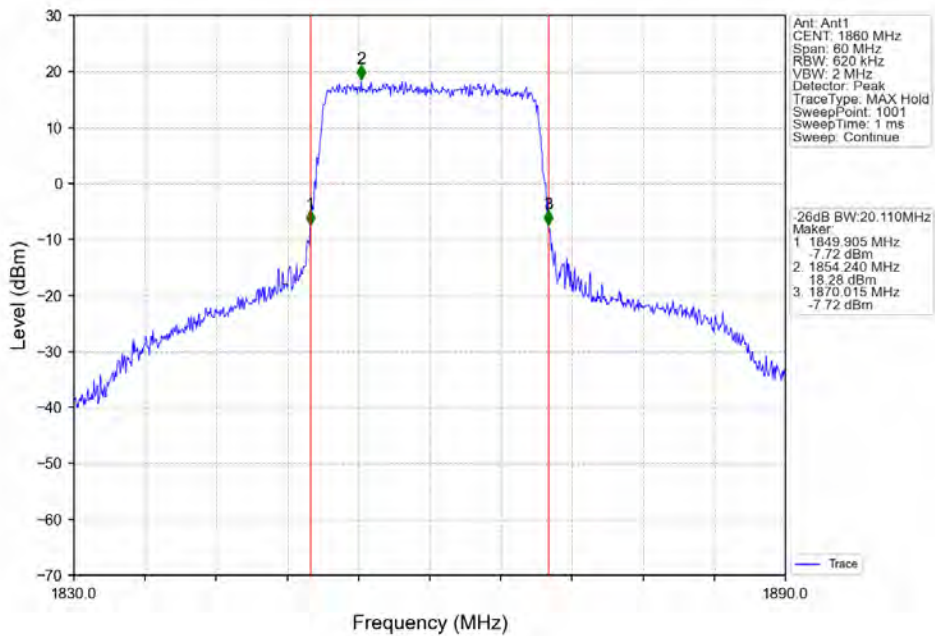
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



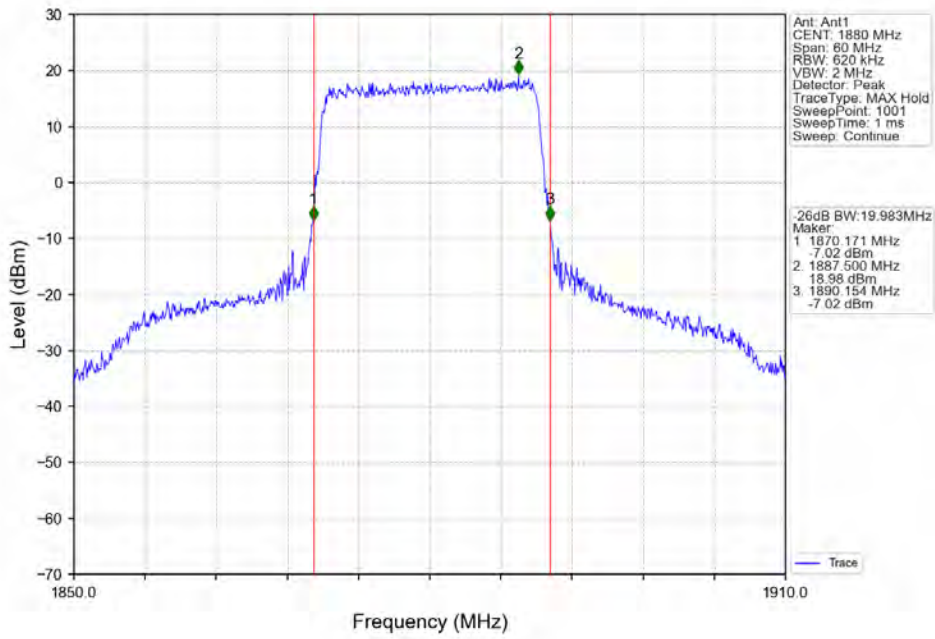
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



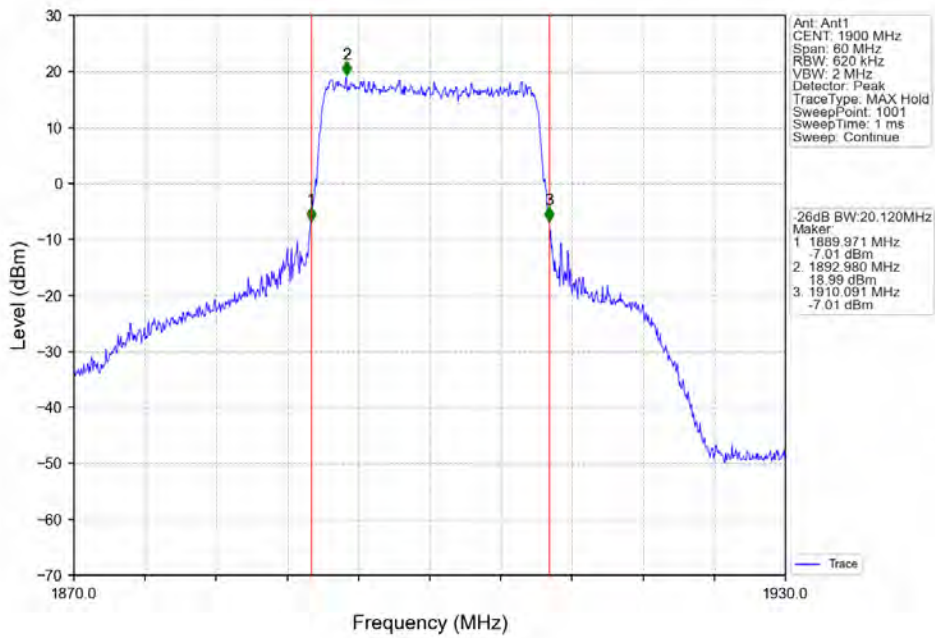
Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



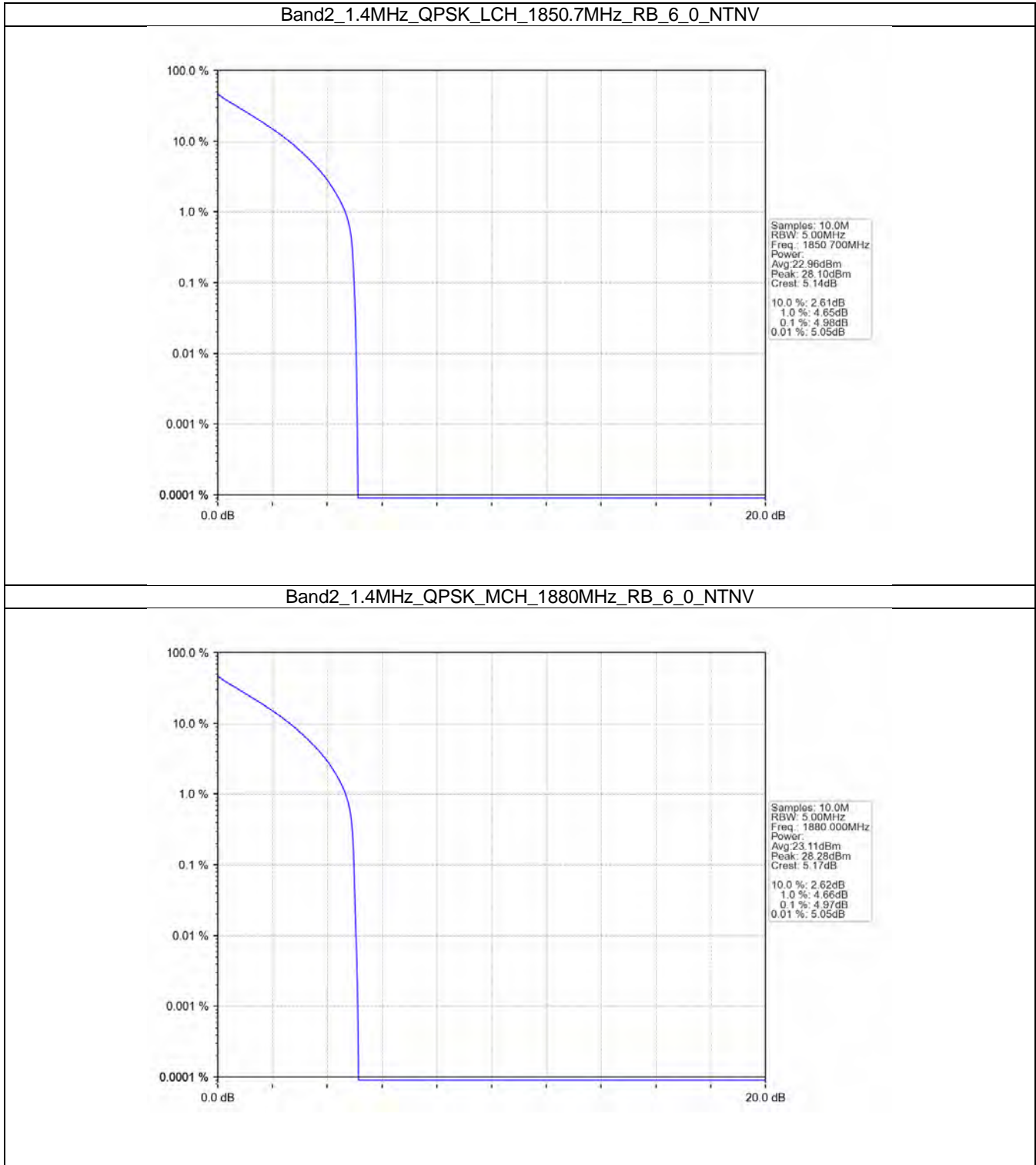
#### 4. Peak-Average Ratio

##### 4.1 B2\_1.4MHz

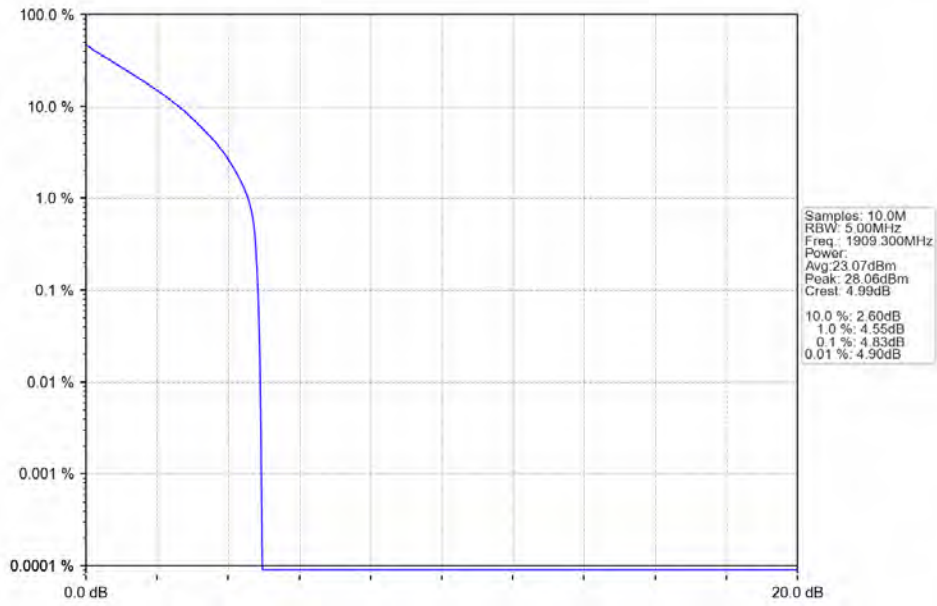
##### 4.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.98	<=13	Pass
	1880	6	0	4.97	<=13	Pass
	1909.3	6	0	4.83	<=13	Pass
16QAM	1850.7	6	0	6.36	<=13	Pass
	1880	6	0	6.35	<=13	Pass
	1909.3	6	0	6.15	<=13	Pass
64QAM	1850.7	6	0	6.37	<=13	Pass
	1880	6	0	6.35	<=13	Pass
	1909.3	6	0	6.16	<=13	Pass

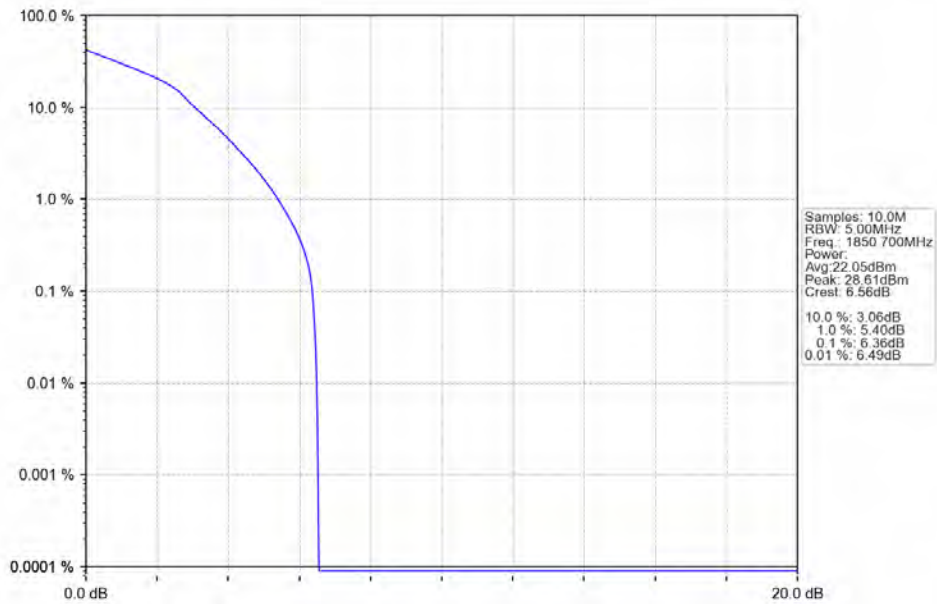
4.1.2 Test Graph



Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

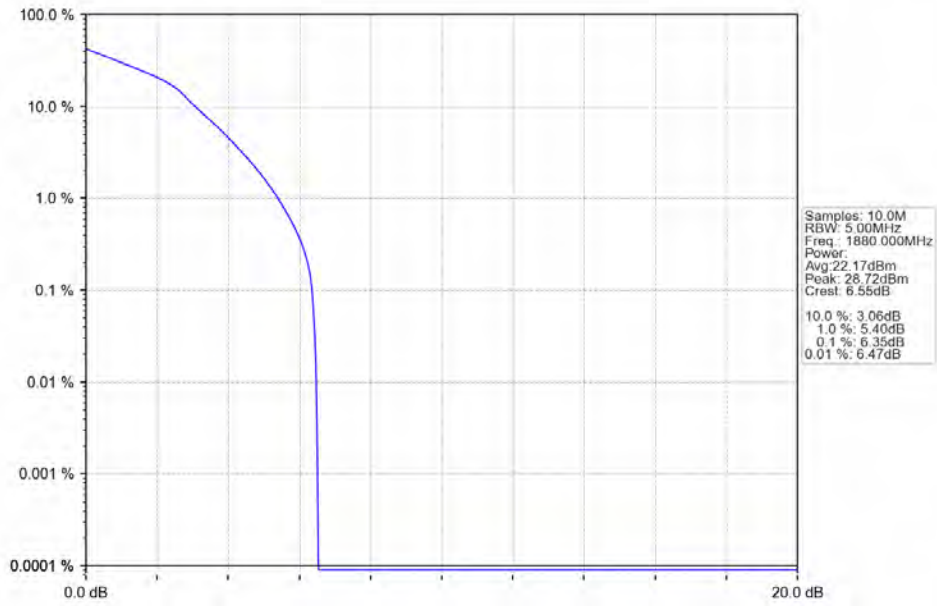


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

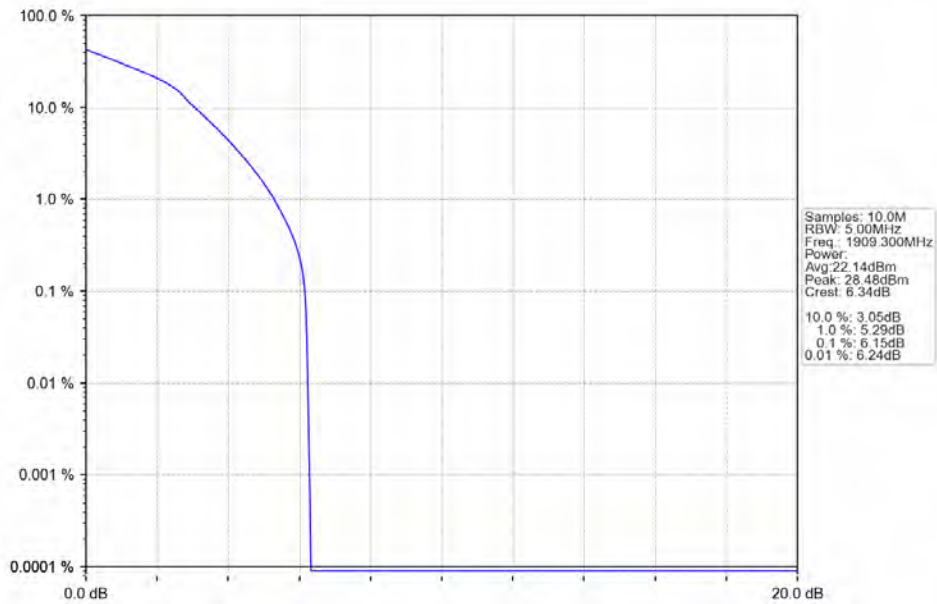




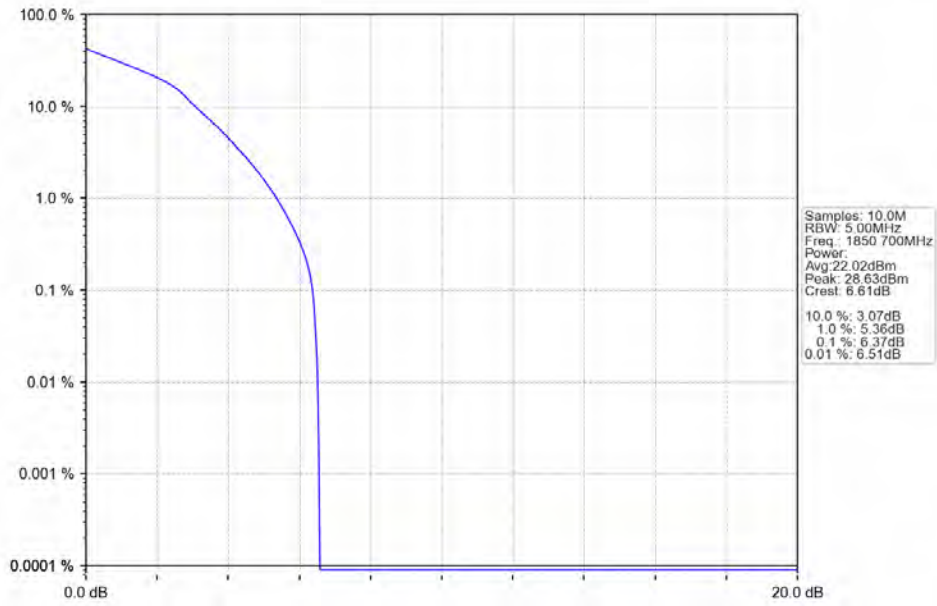
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



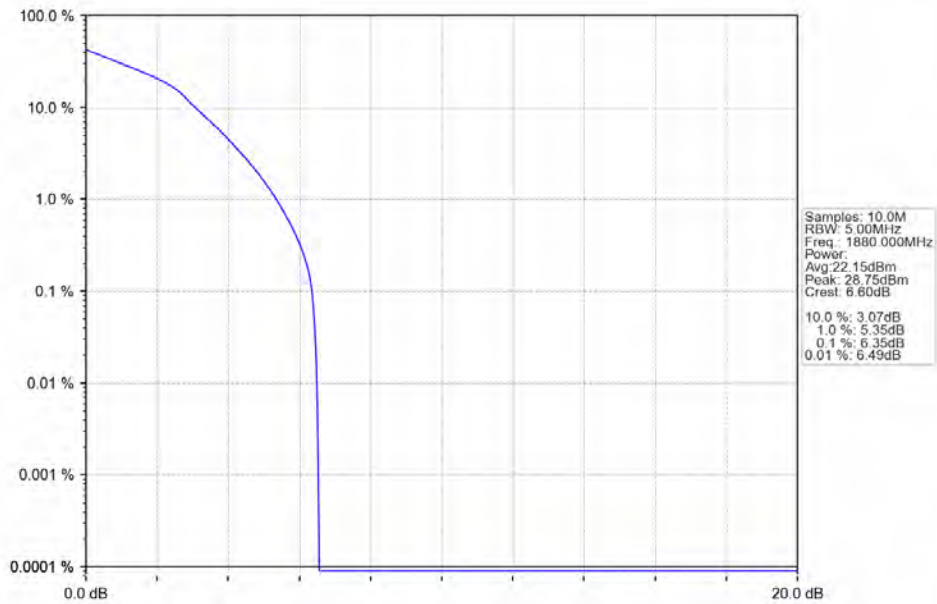
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



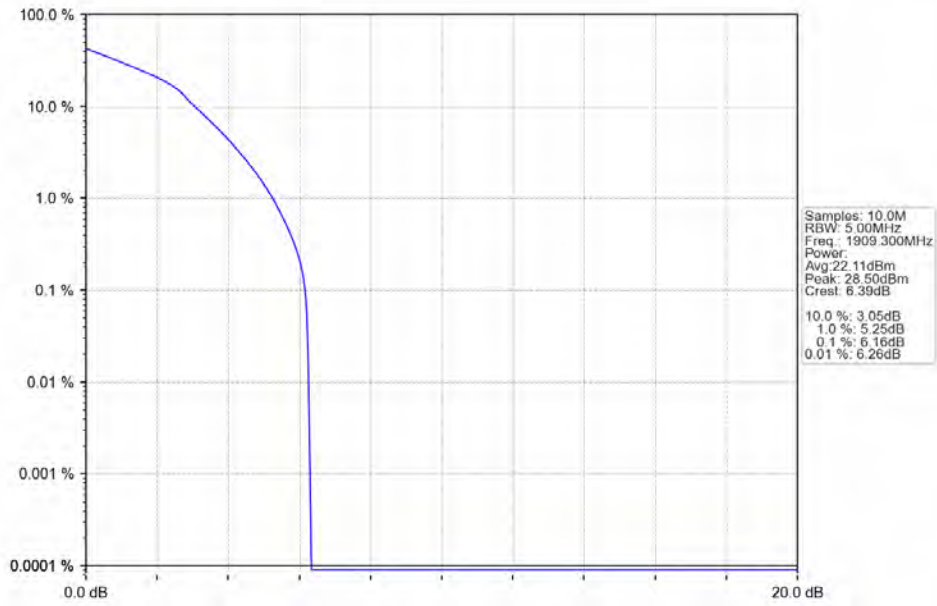
Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



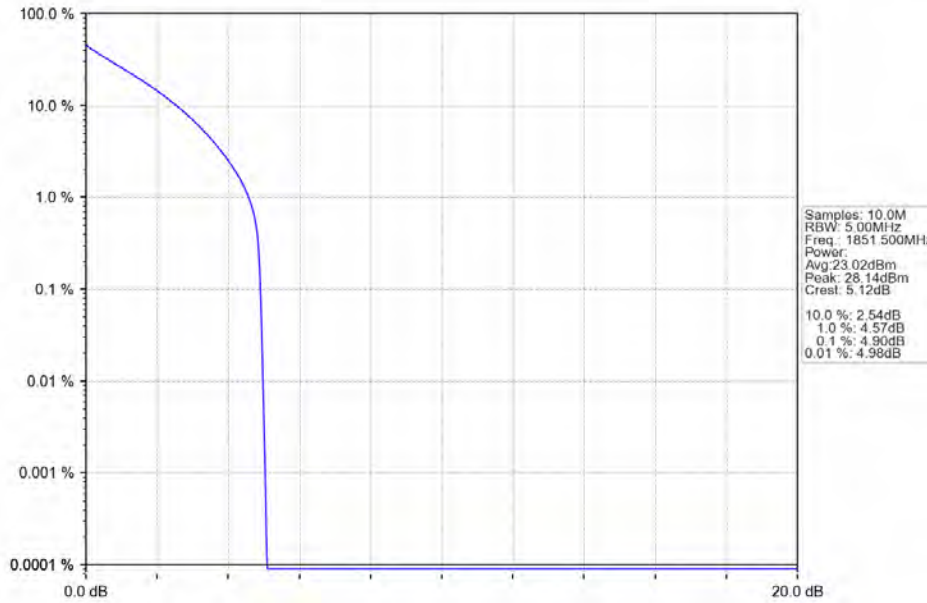
4.2 B2\_3MHz

4.2.1 Test Result

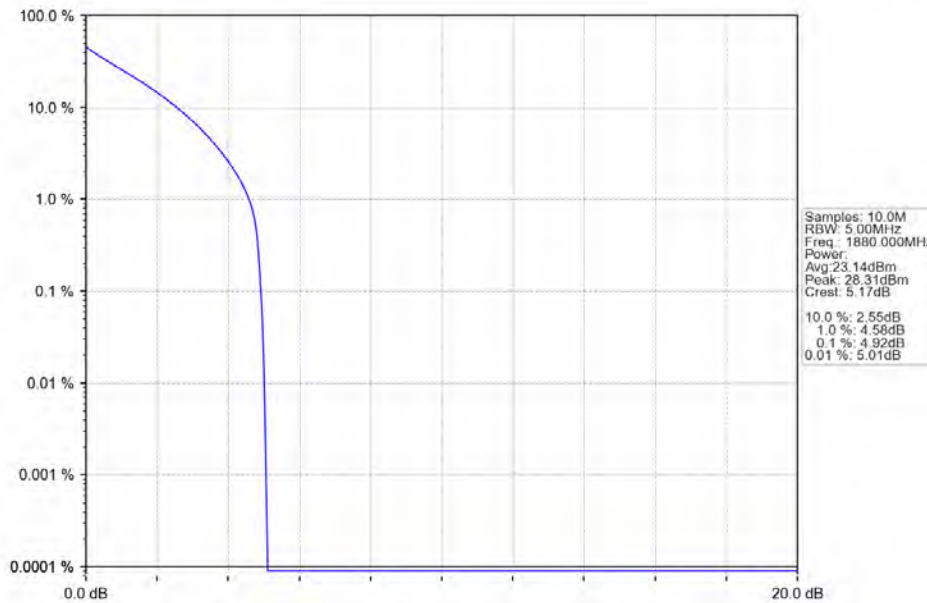
Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.90	<=13	Pass
	1880	15	0	4.92	<=13	Pass
	1908.5	15	0	4.80	<=13	Pass
16QAM	1851.5	15	0	6.41	<=13	Pass
	1880	15	0	6.40	<=13	Pass
	1908.5	15	0	6.25	<=13	Pass
64QAM	1851.5	15	0	6.41	<=13	Pass
	1880	15	0	6.40	<=13	Pass
	1908.5	15	0	6.24	<=13	Pass

4.2.2 Test Graph

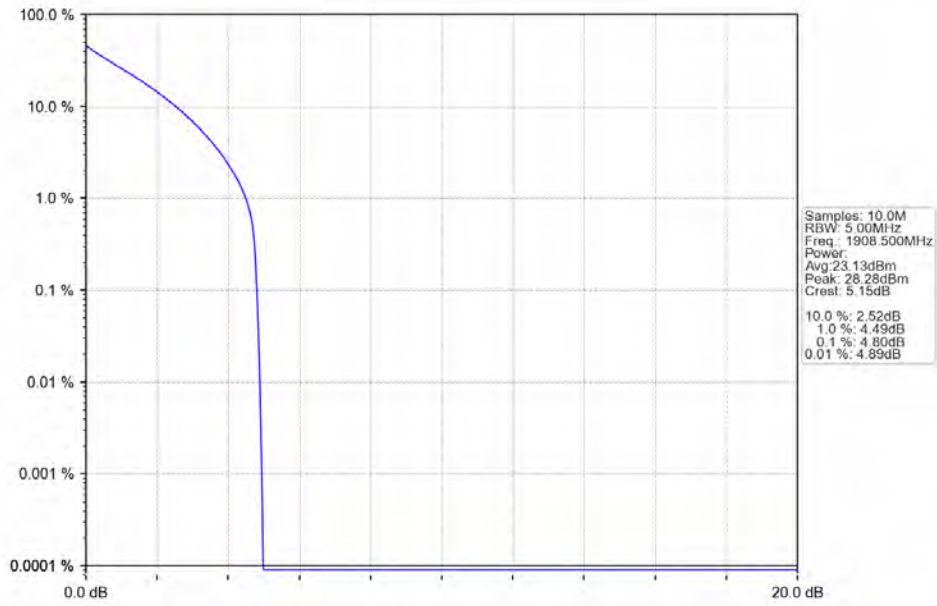
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



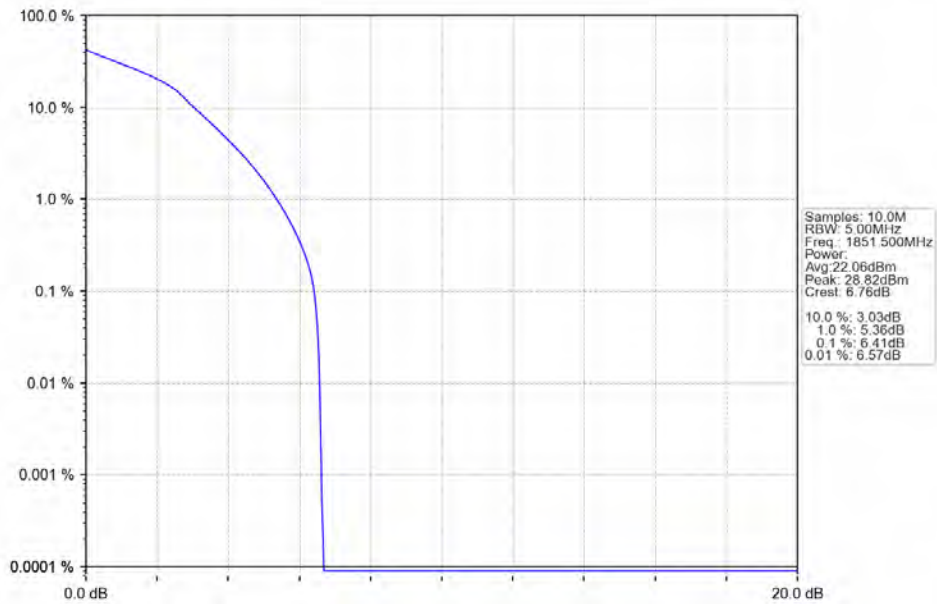
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

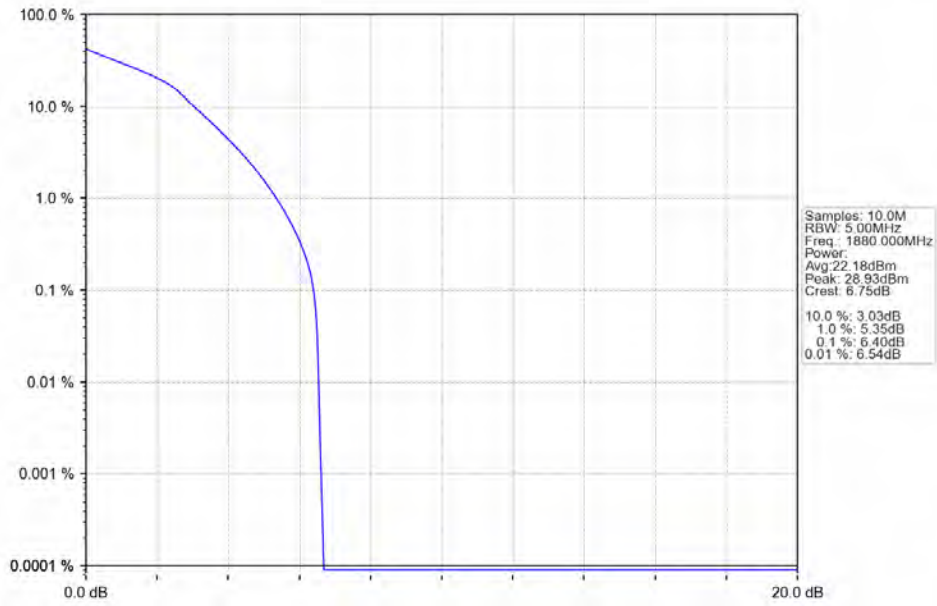


Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

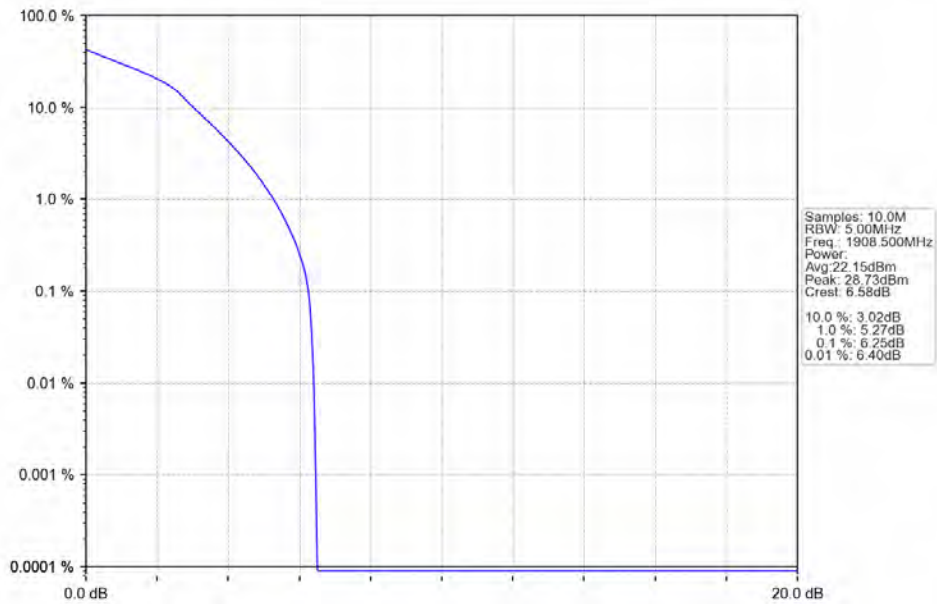




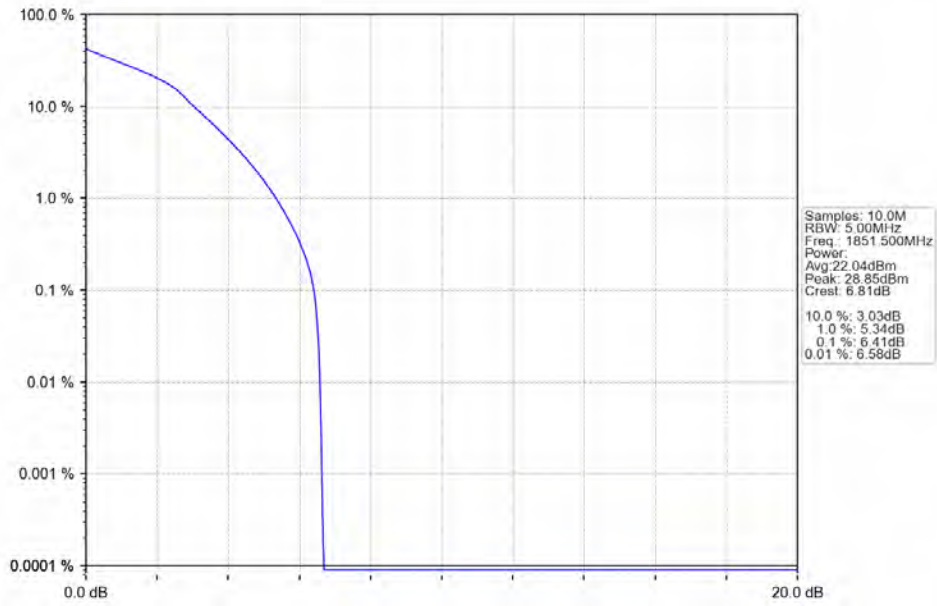
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



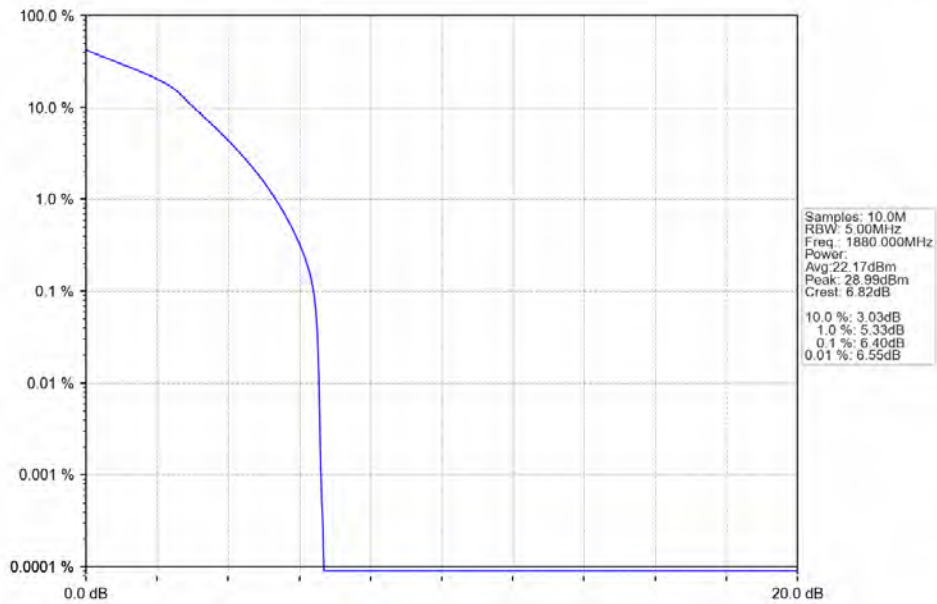
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



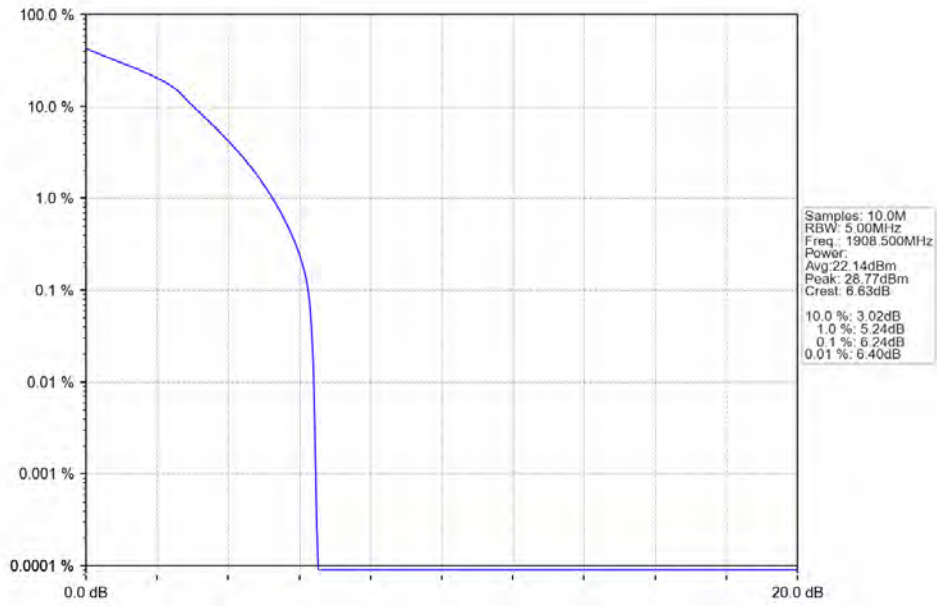
Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

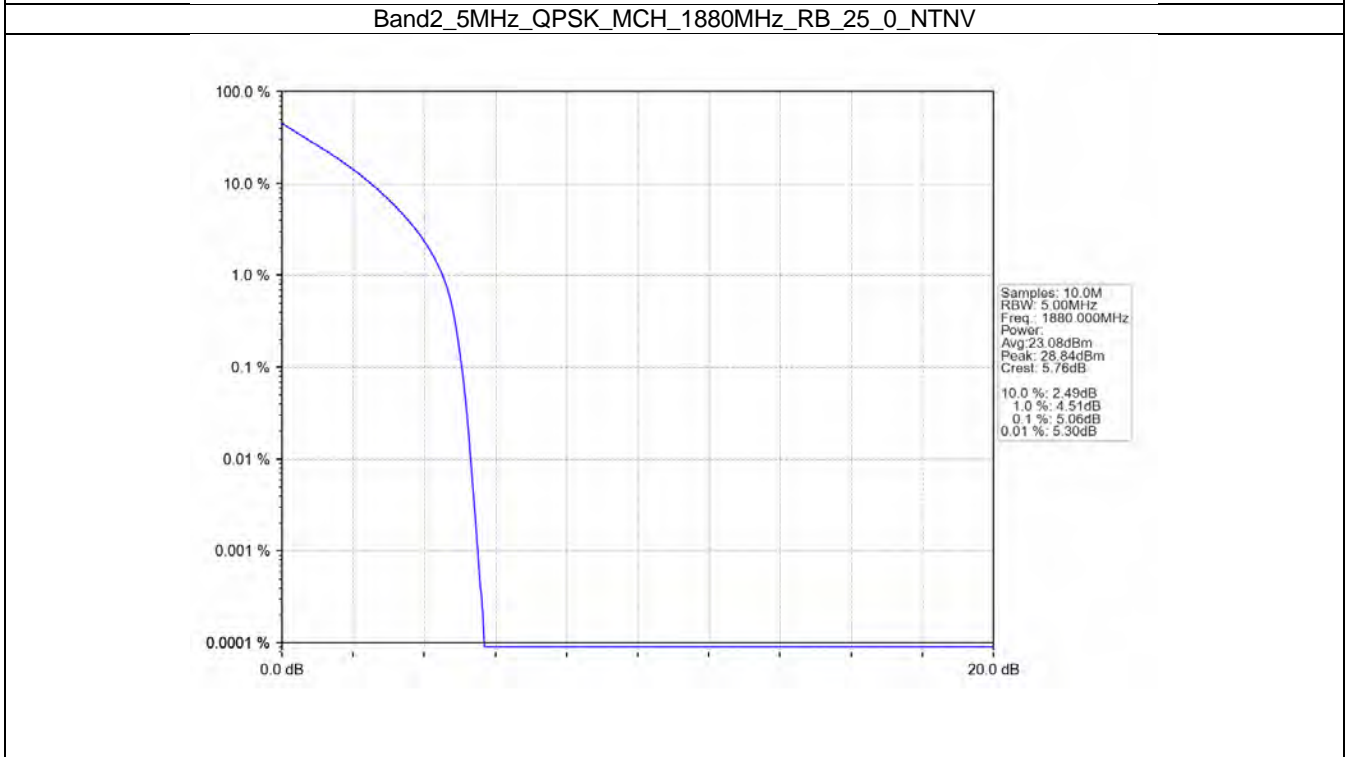
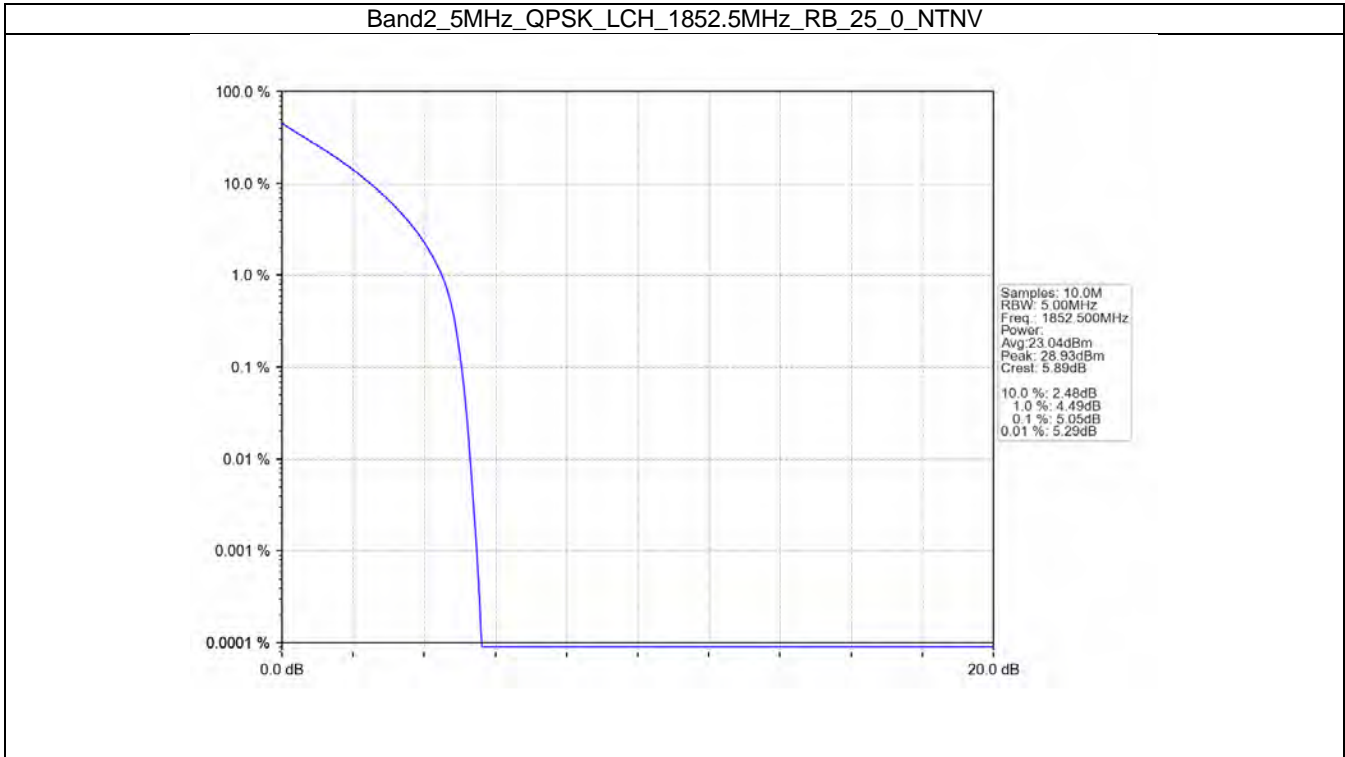


4.3 B2\_5MHz

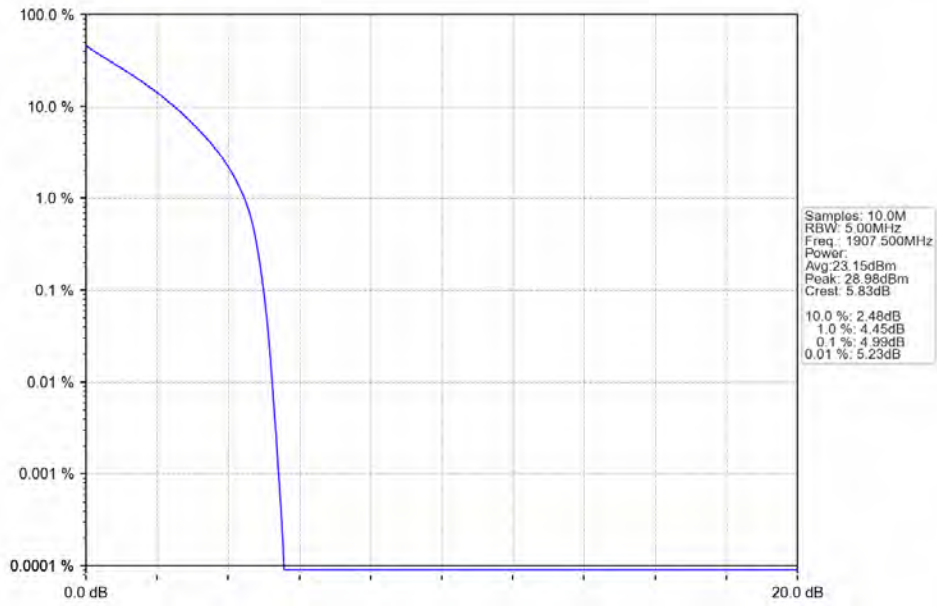
4.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.05	<=13	Pass
	1880	25	0	5.06	<=13	Pass
	1907.5	25	0	4.99	<=13	Pass
16QAM	1852.5	25	0	6.15	<=13	Pass
	1880	25	0	6.15	<=13	Pass
	1907.5	25	0	6.06	<=13	Pass
64QAM	1852.5	25	0	6.15	<=13	Pass
	1880	25	0	6.15	<=13	Pass
	1907.5	25	0	6.07	<=13	Pass

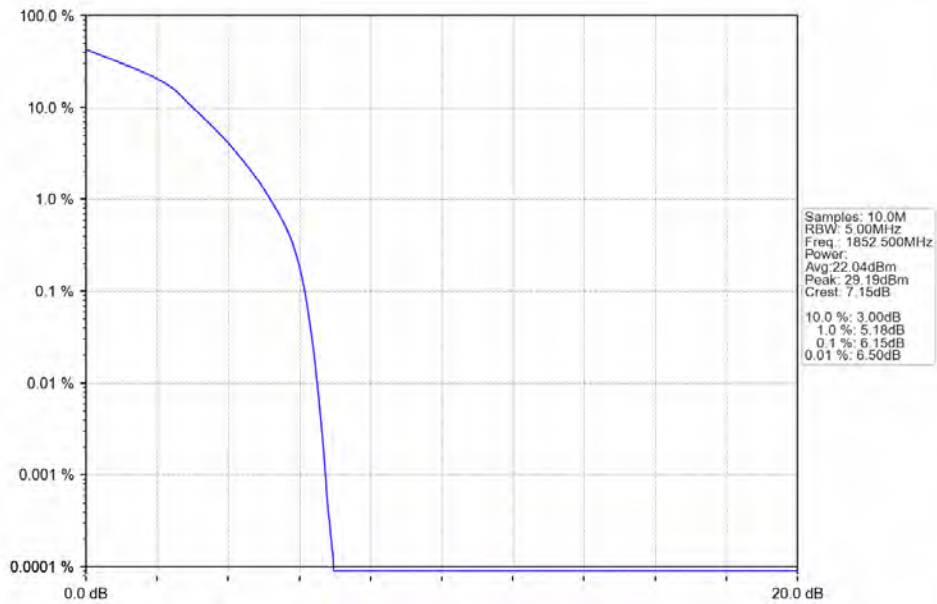
4.3.2 Test Graph



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

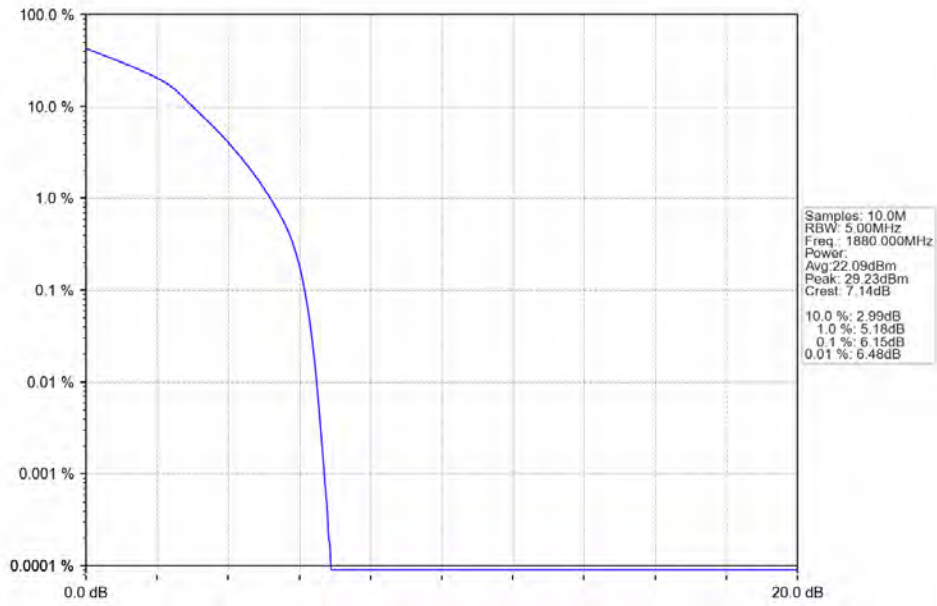


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

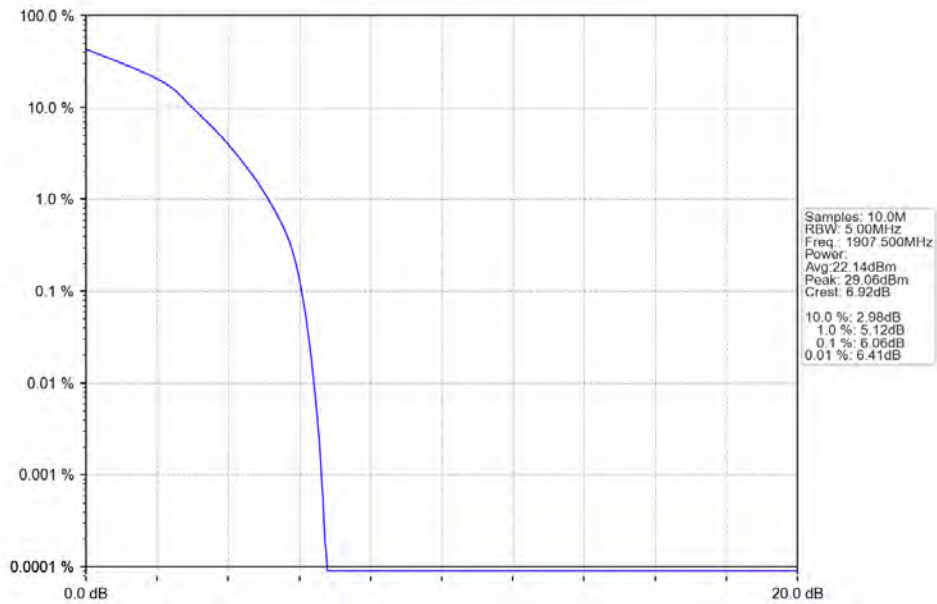




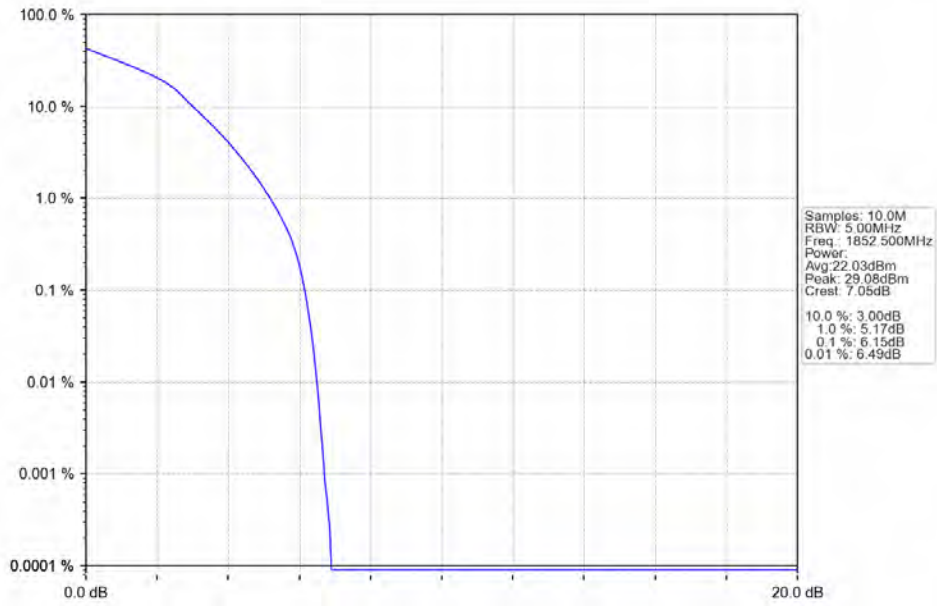
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



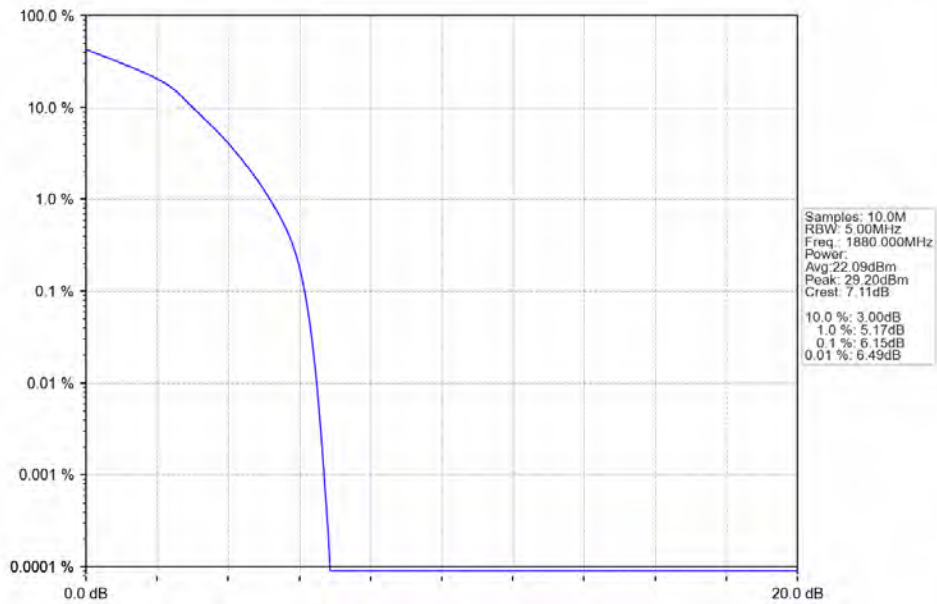
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



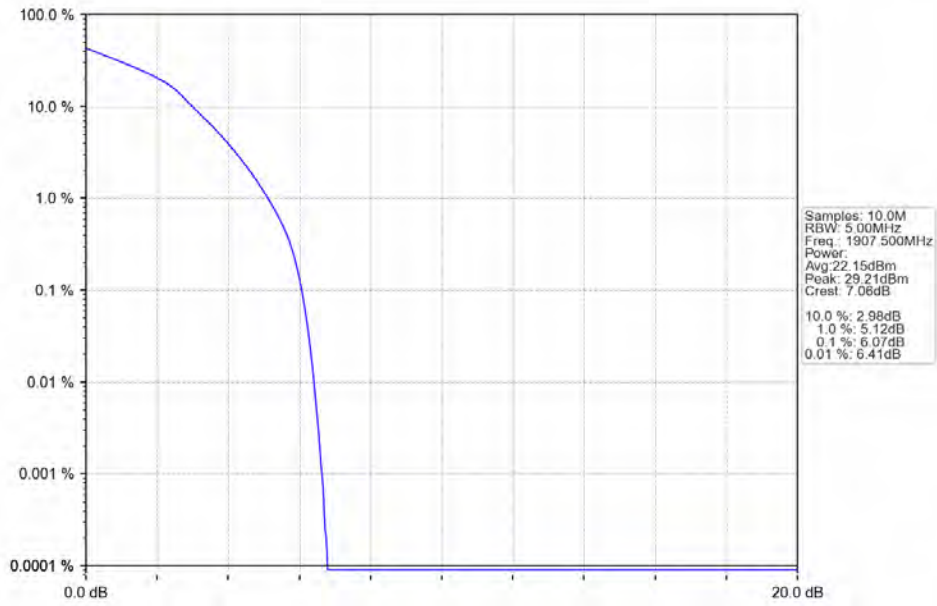
Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

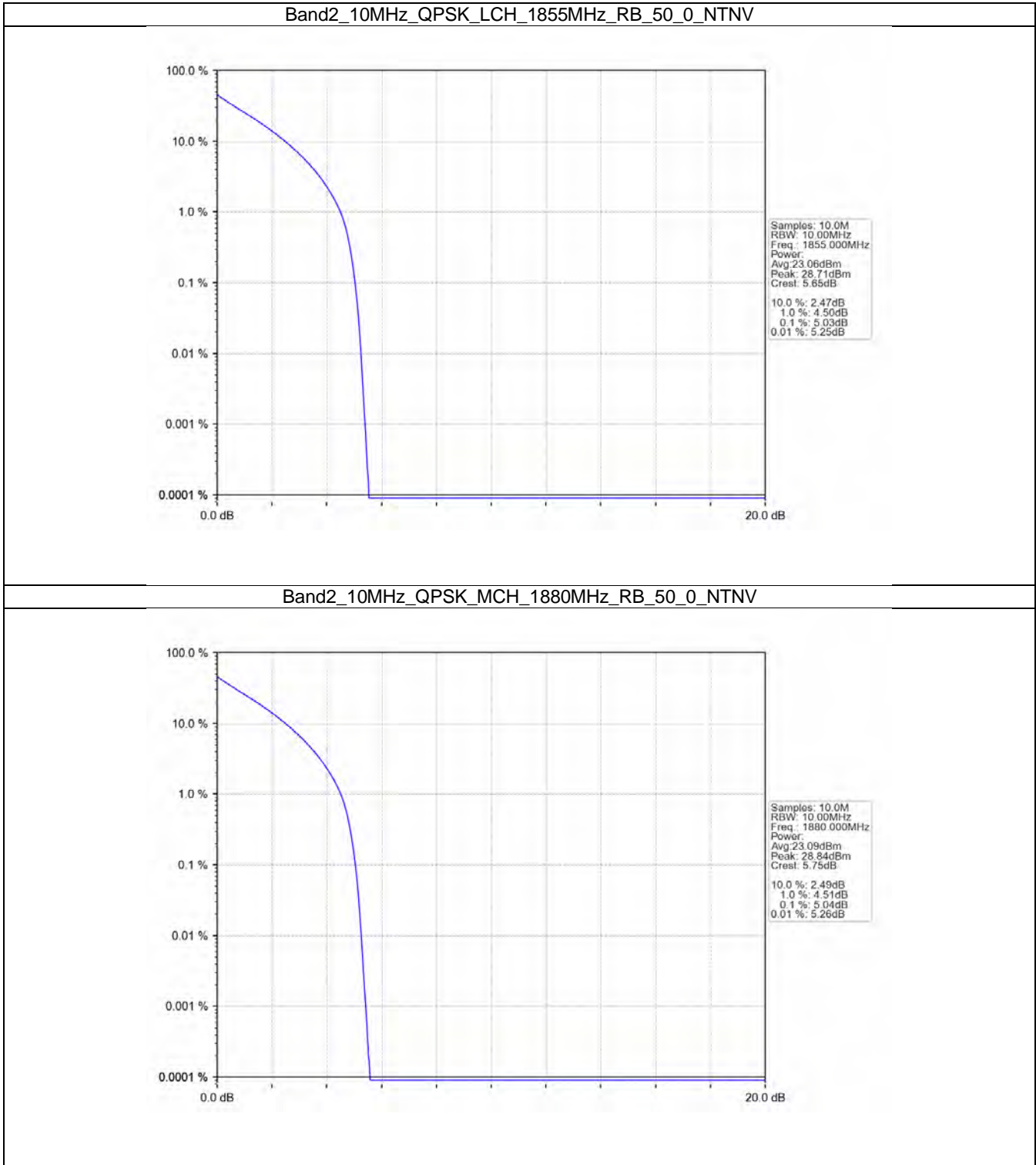


4.4 B2\_10MHz

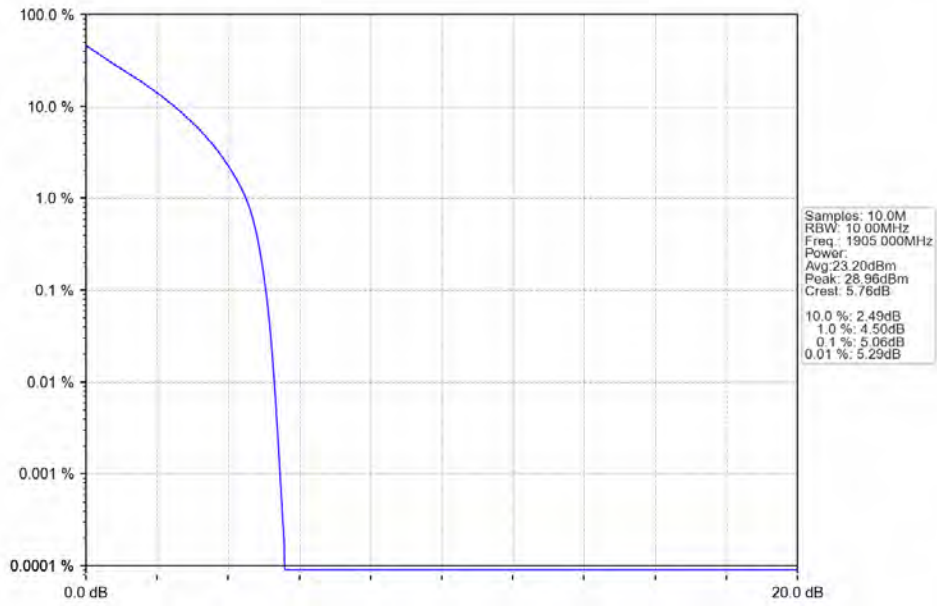
4.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.03	<=13	Pass
	1880	50	0	5.04	<=13	Pass
	1905	50	0	5.06	<=13	Pass
16QAM	1855	50	0	6.13	<=13	Pass
	1880	50	0	6.13	<=13	Pass
	1905	50	0	6.10	<=13	Pass
64QAM	1855	50	0	6.12	<=13	Pass
	1880	50	0	6.12	<=13	Pass
	1905	50	0	6.10	<=13	Pass

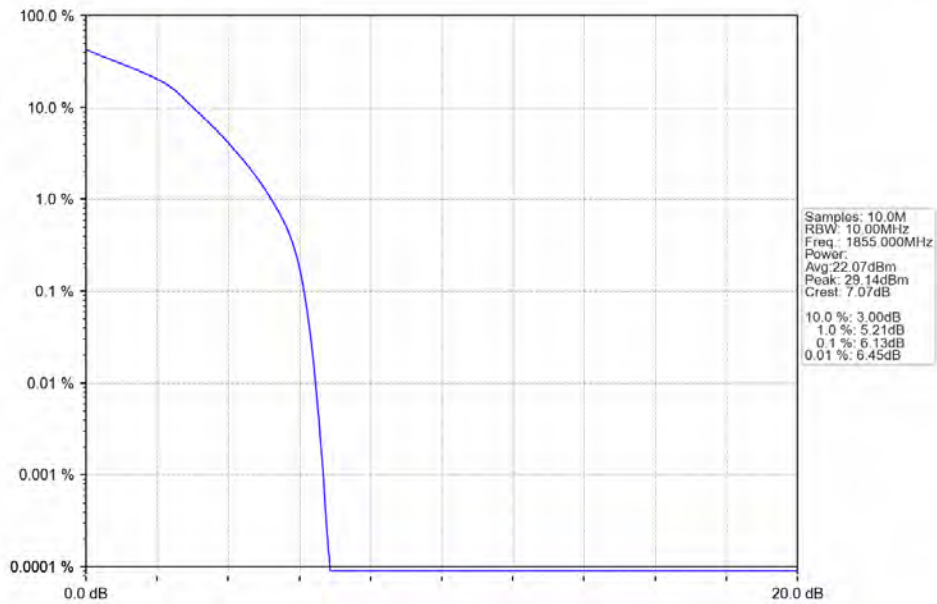
4.4.2 Test Graph



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV

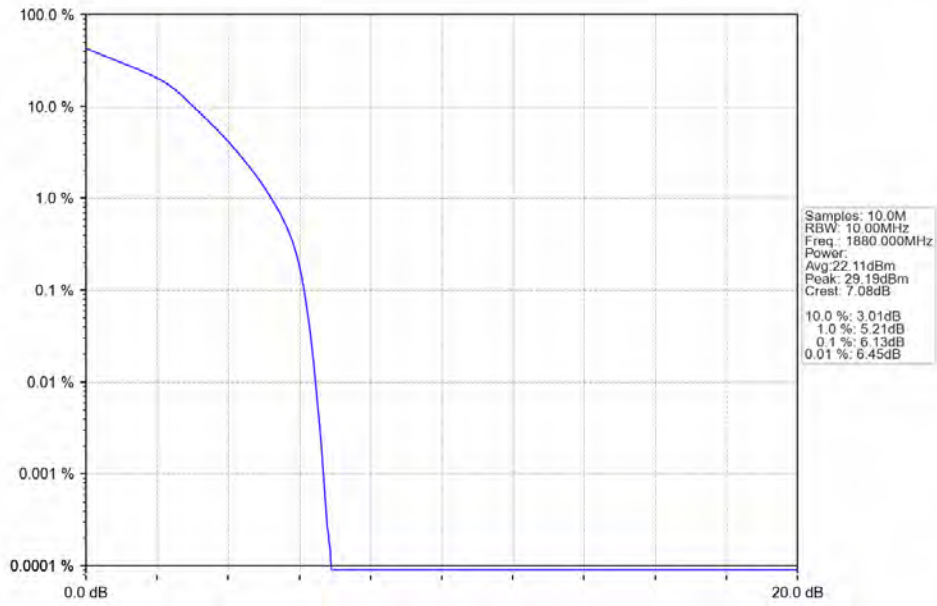


Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

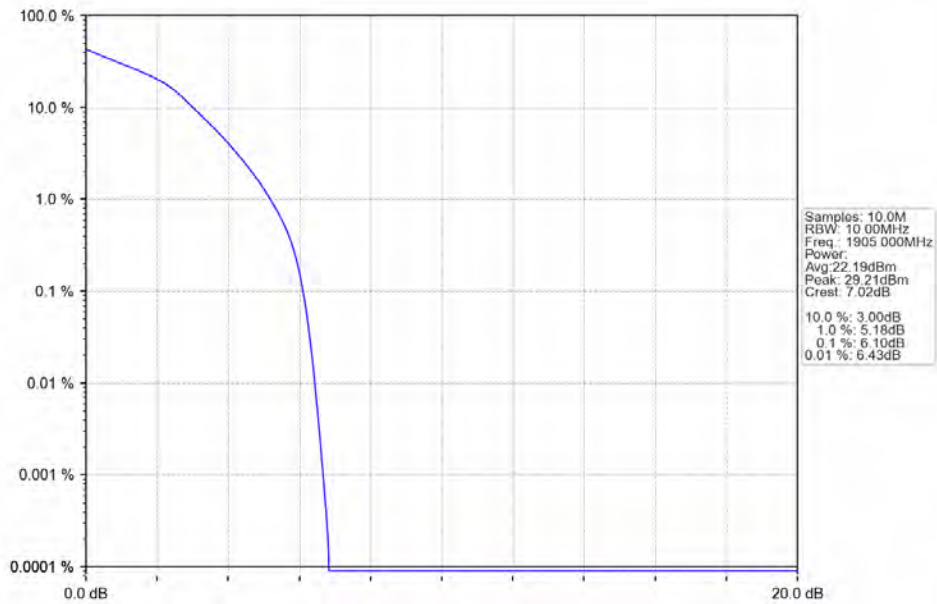




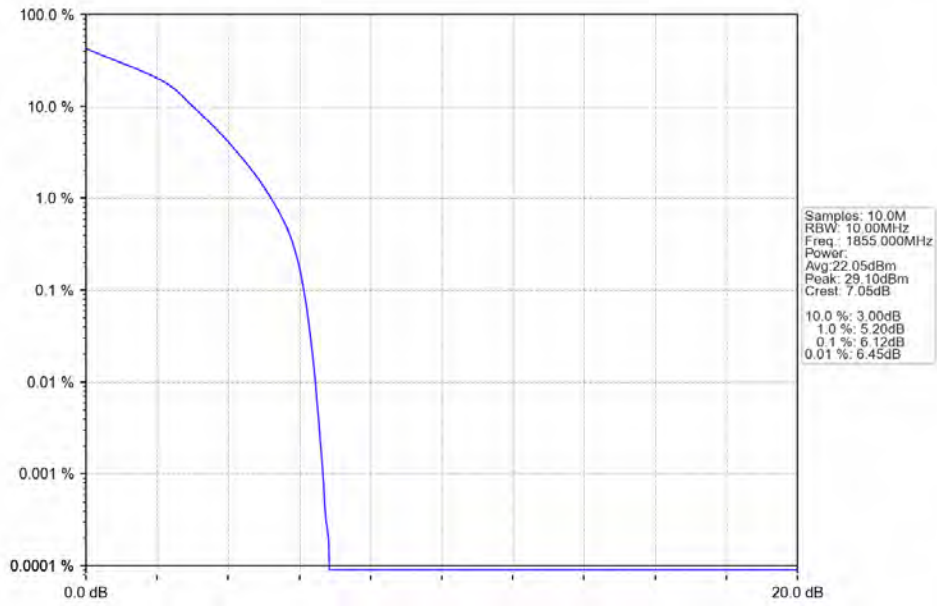
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



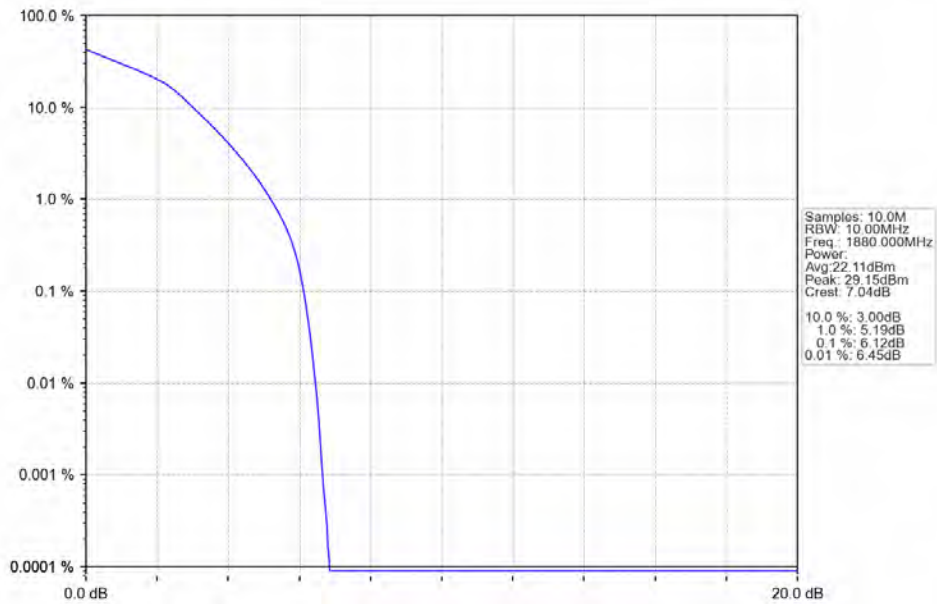
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



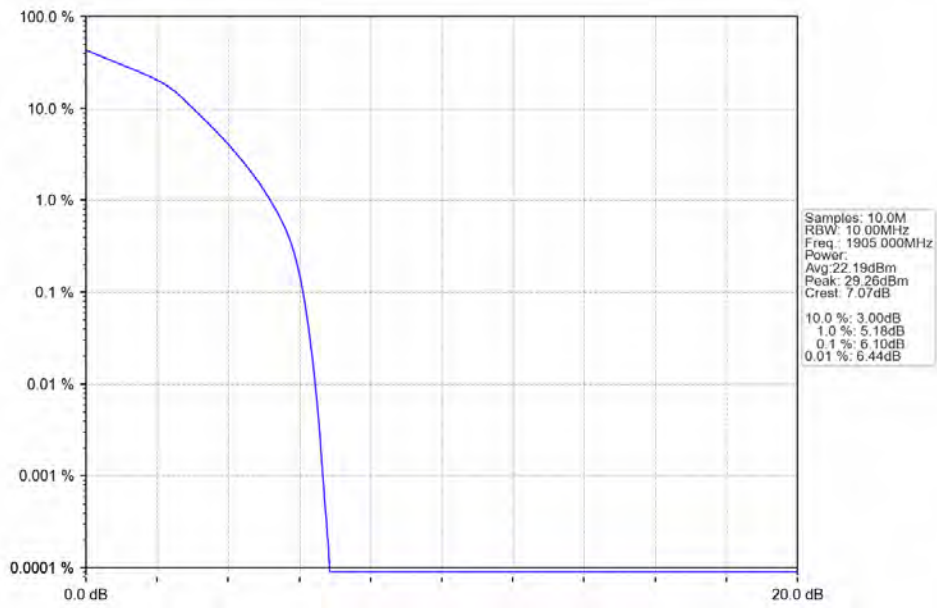
Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

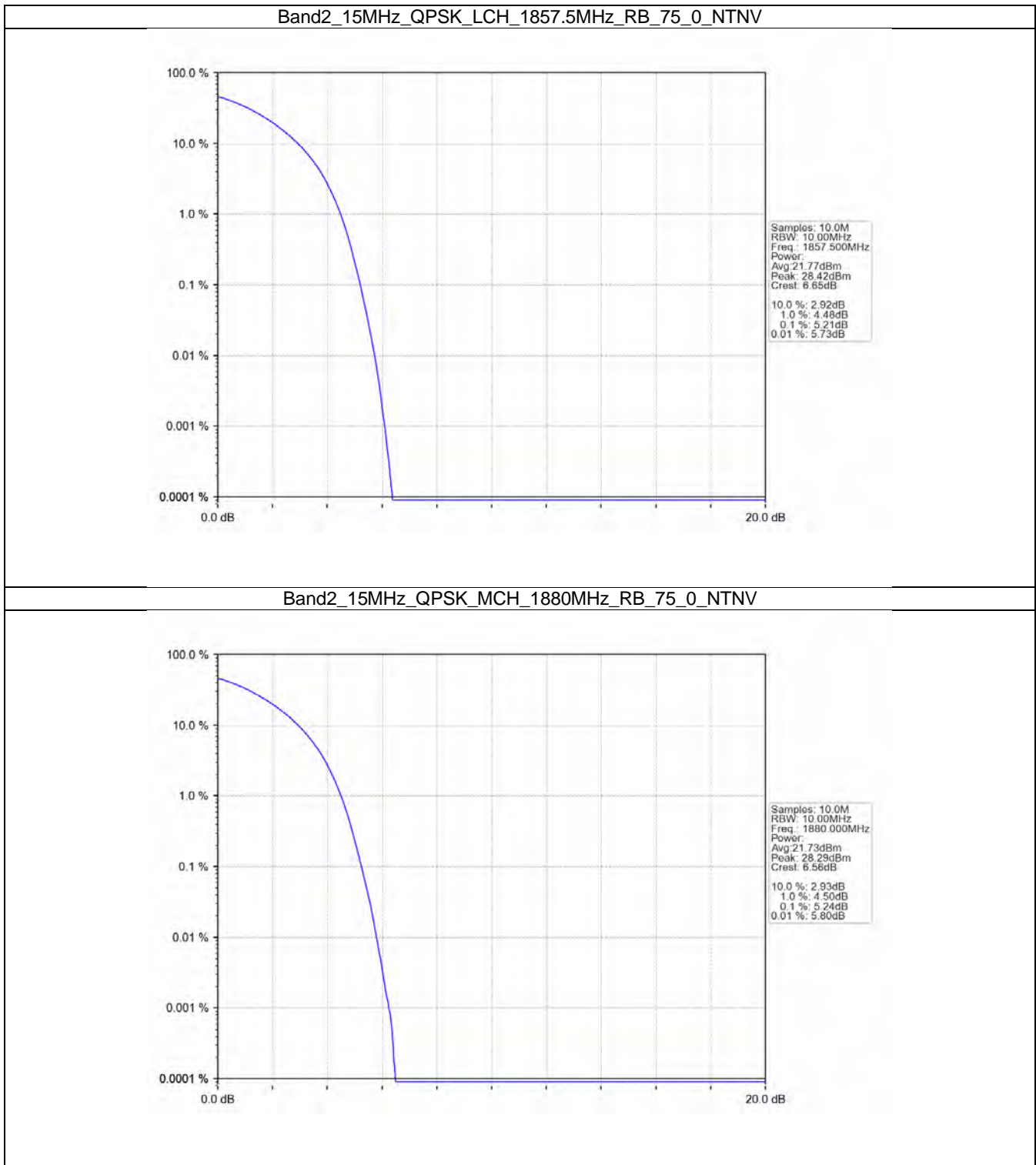


4.5 B2\_15MHz

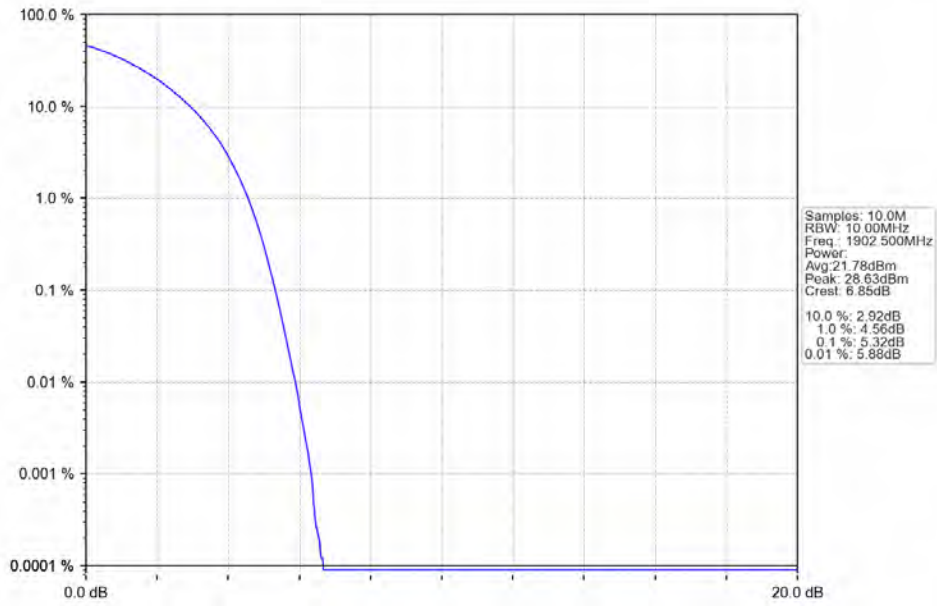
4.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.21	<=13	Pass
	1880	75	0	5.24	<=13	Pass
	1902.5	75	0	5.32	<=13	Pass
16QAM	1857.5	75	0	6.45	<=13	Pass
	1880	75	0	6.45	<=13	Pass
	1902.5	75	0	6.47	<=13	Pass
64QAM	1857.5	75	0	6.45	<=13	Pass
	1880	75	0	6.44	<=13	Pass
	1902.5	75	0	6.46	<=13	Pass

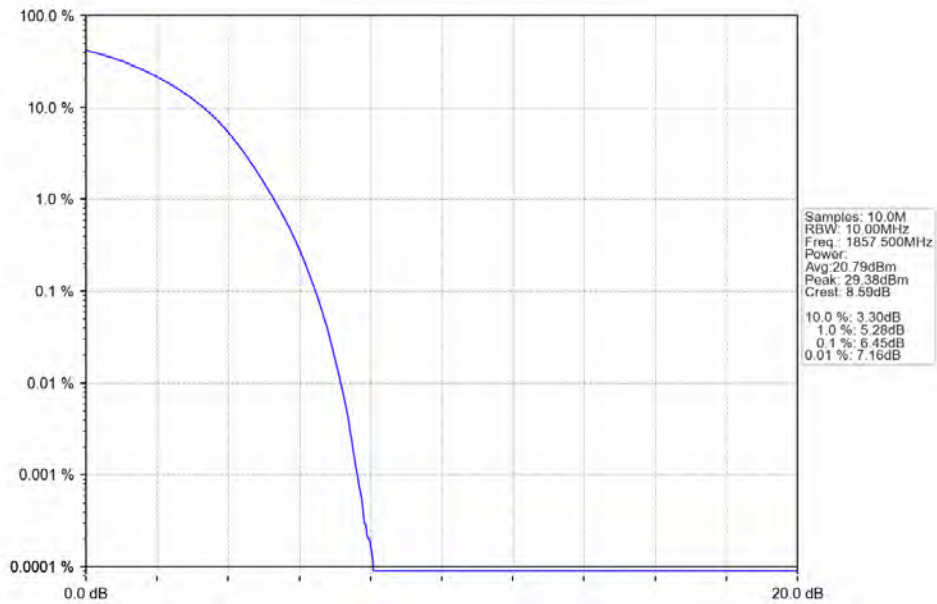
4.5.2 Test Graph



Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

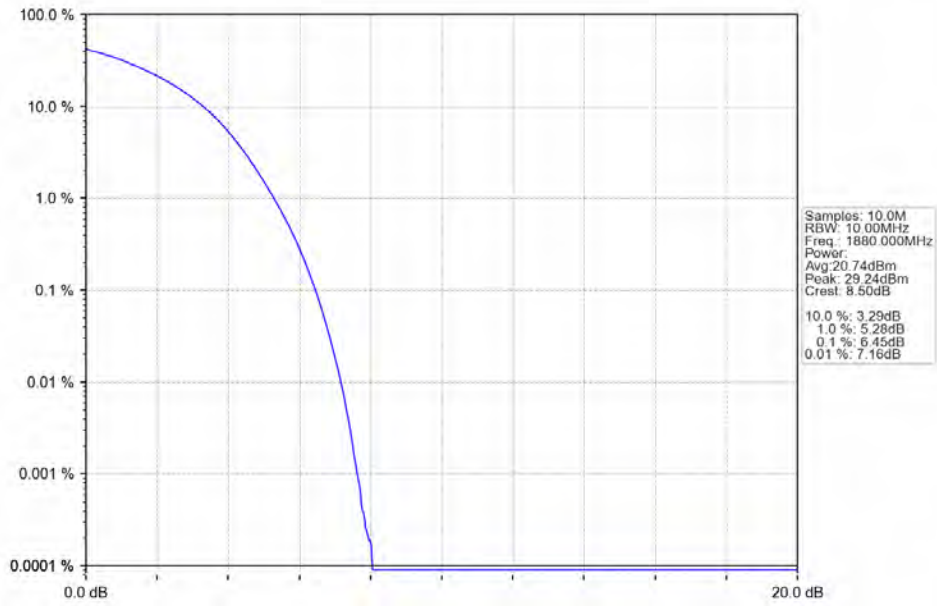


Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

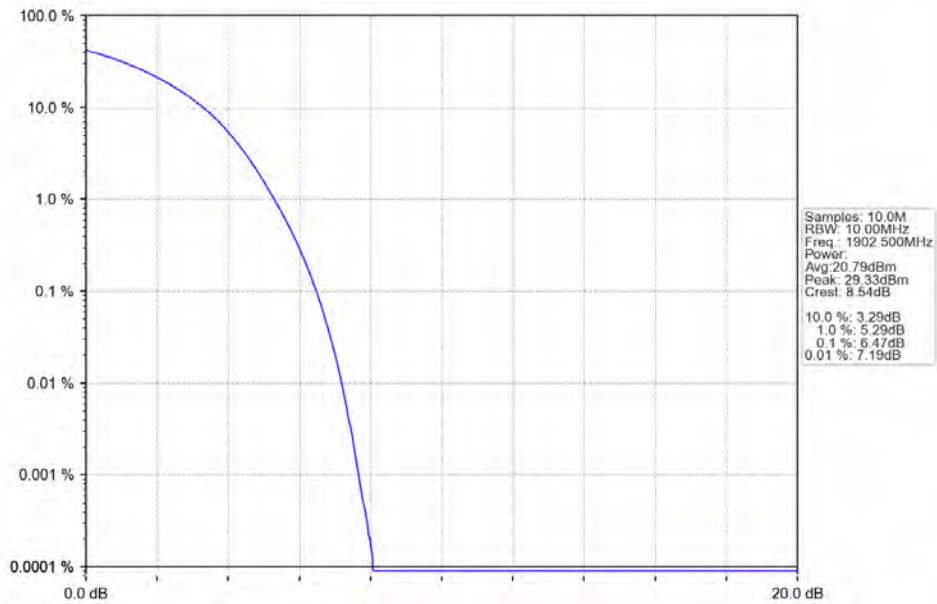




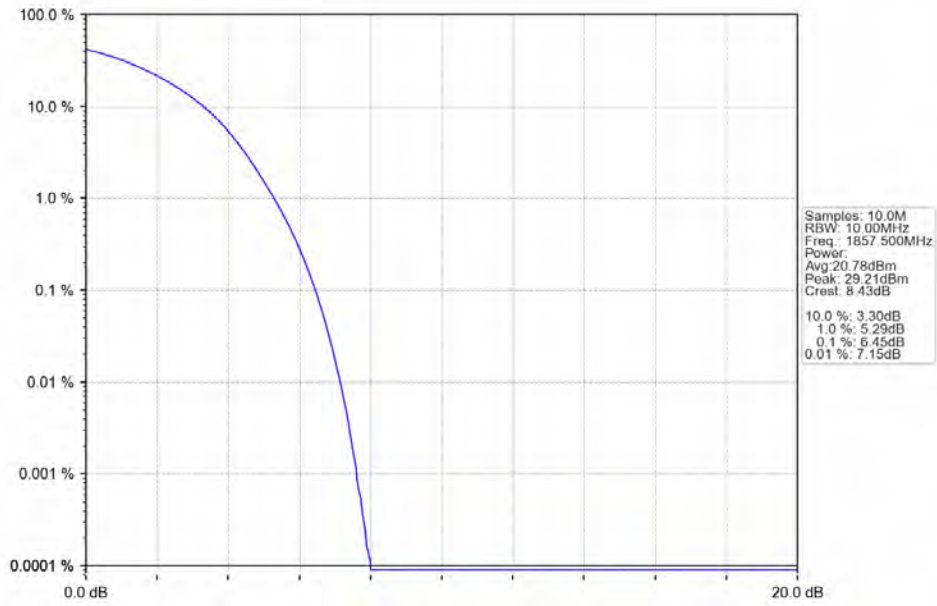
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



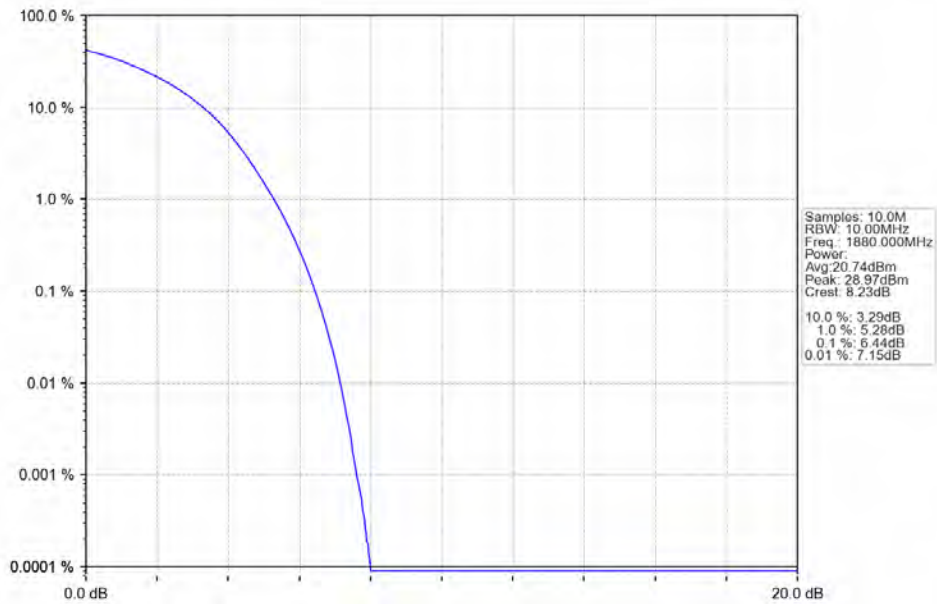
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



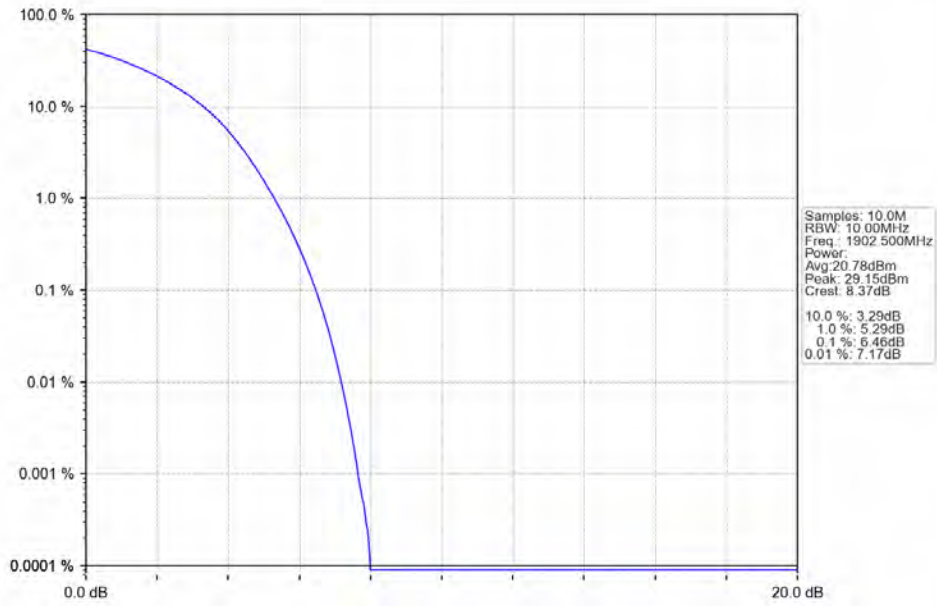
Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

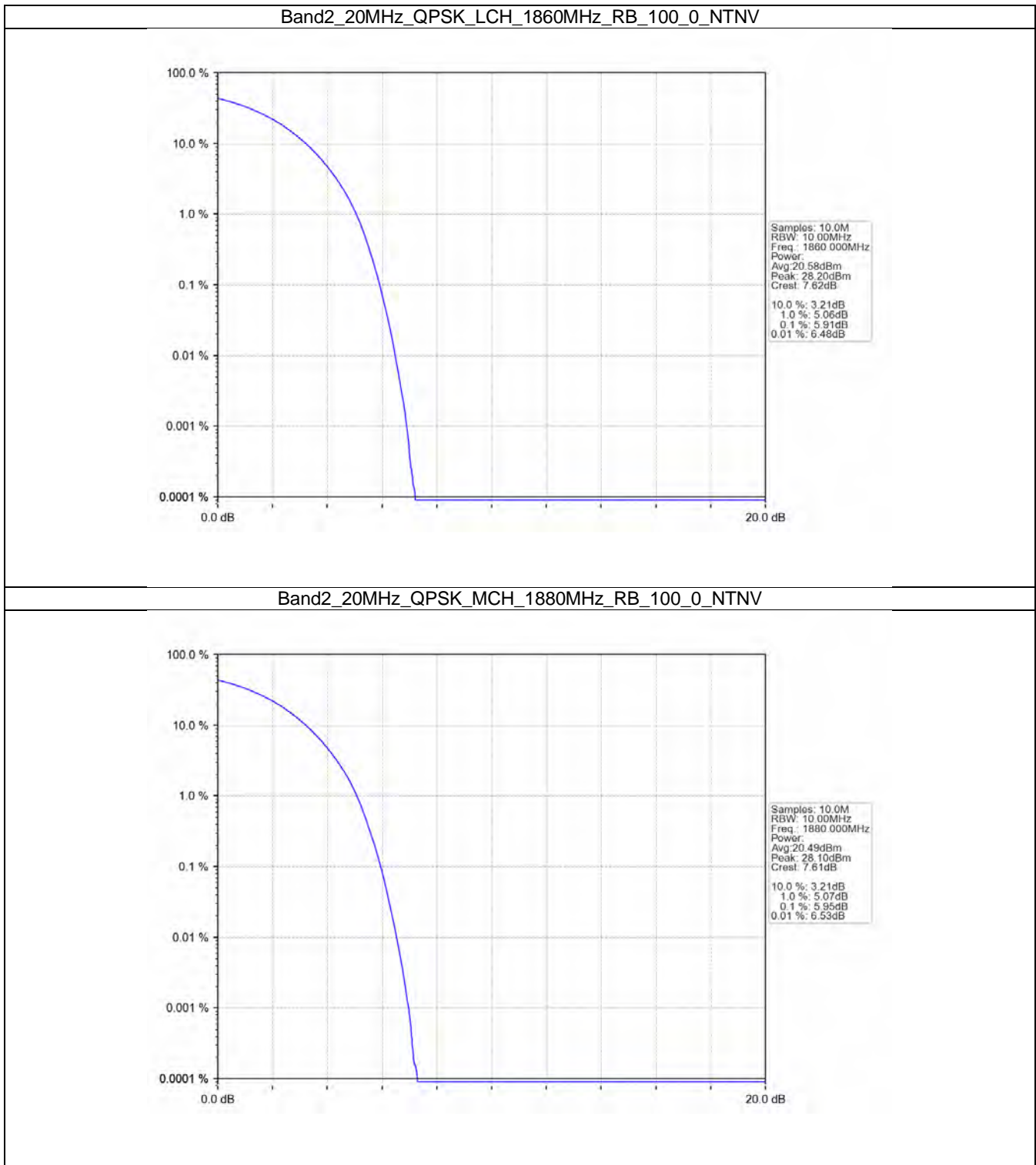


4.6 B2\_20MHz

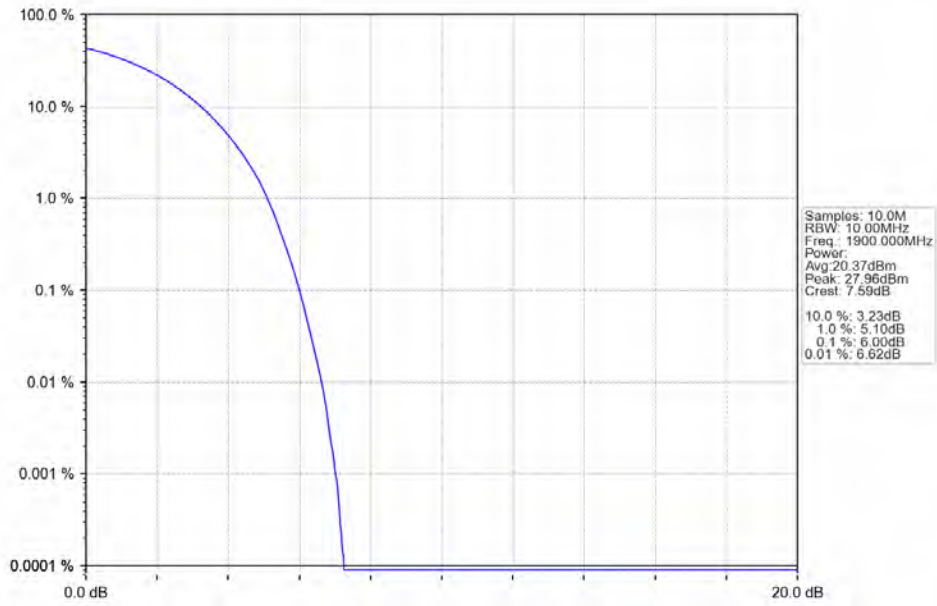
4.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.91	<=13	Pass
	1880	100	0	5.95	<=13	Pass
	1900	100	0	6.00	<=13	Pass
16QAM	1860	100	0	6.90	<=13	Pass
	1880	100	0	6.88	<=13	Pass
	1900	100	0	6.91	<=13	Pass
64QAM	1860	100	0	6.89	<=13	Pass
	1880	100	0	6.88	<=13	Pass
	1900	100	0	6.92	<=13	Pass

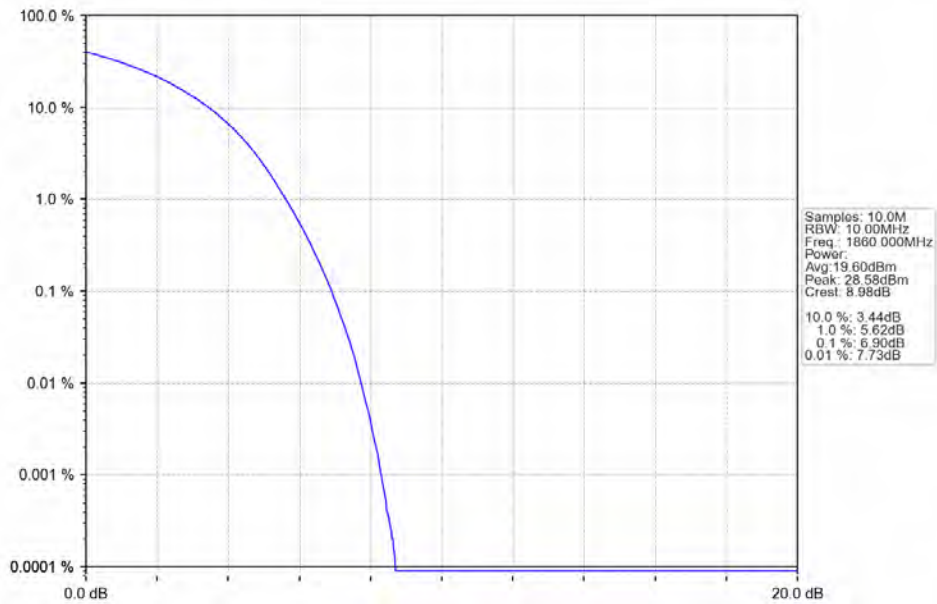
4.6.2 Test Graph



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

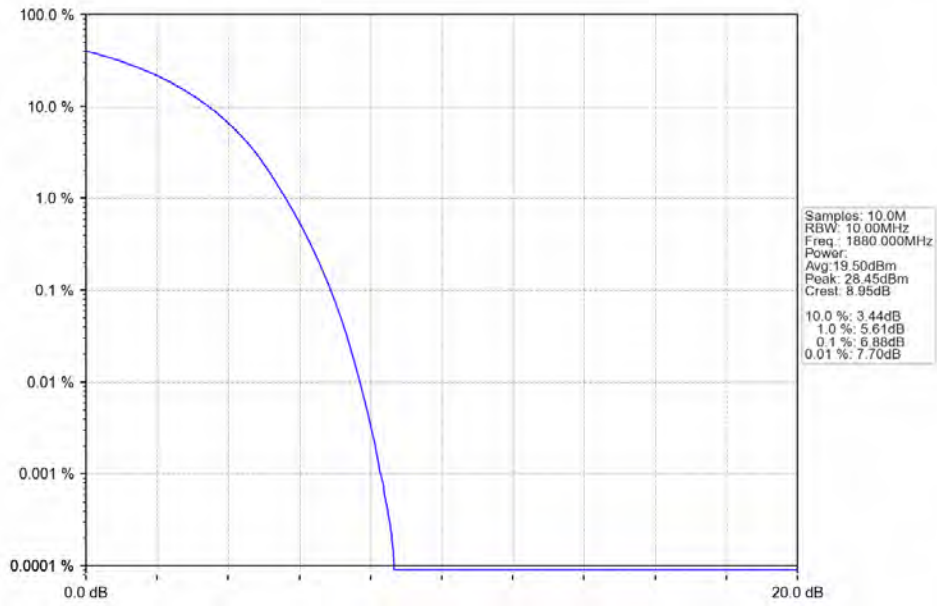


Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

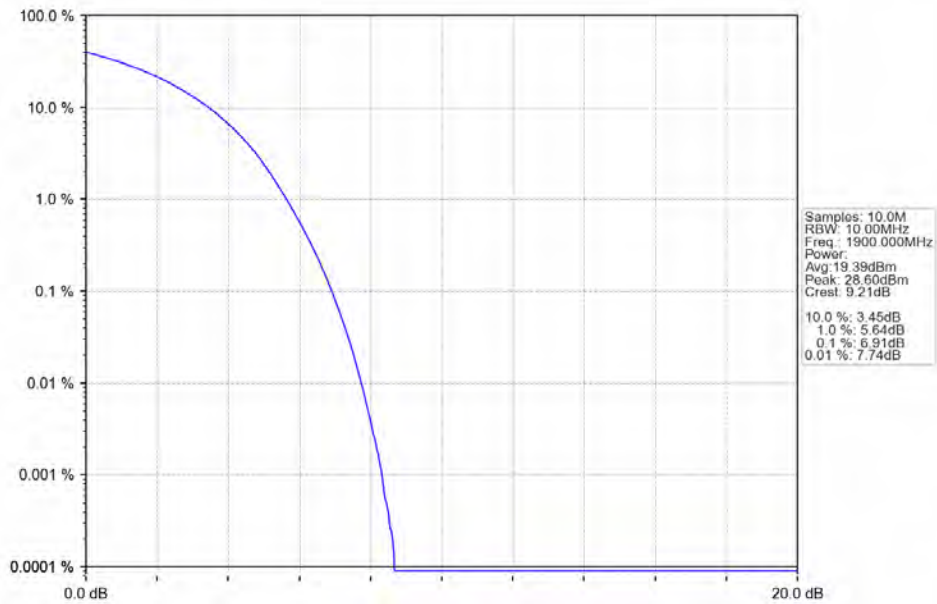




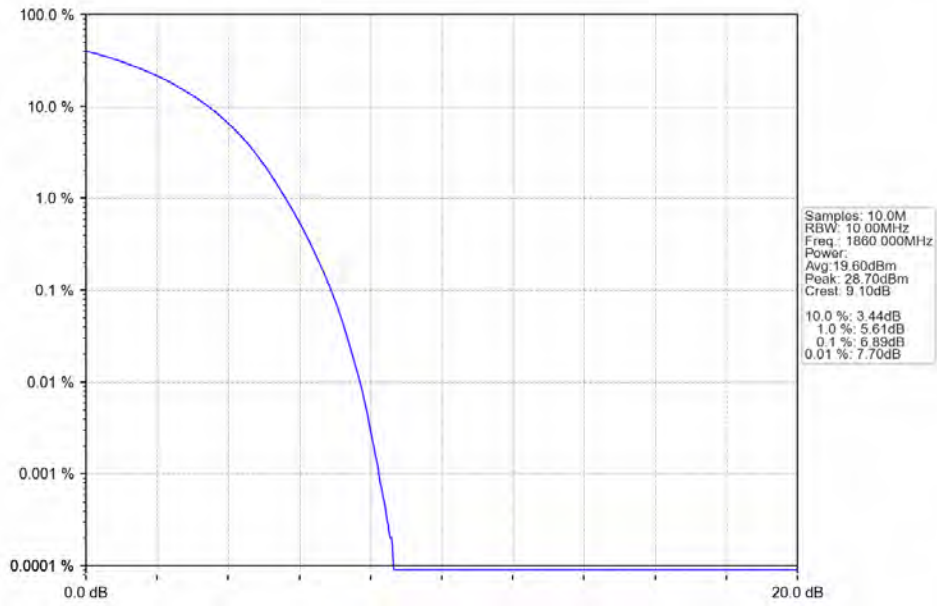
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



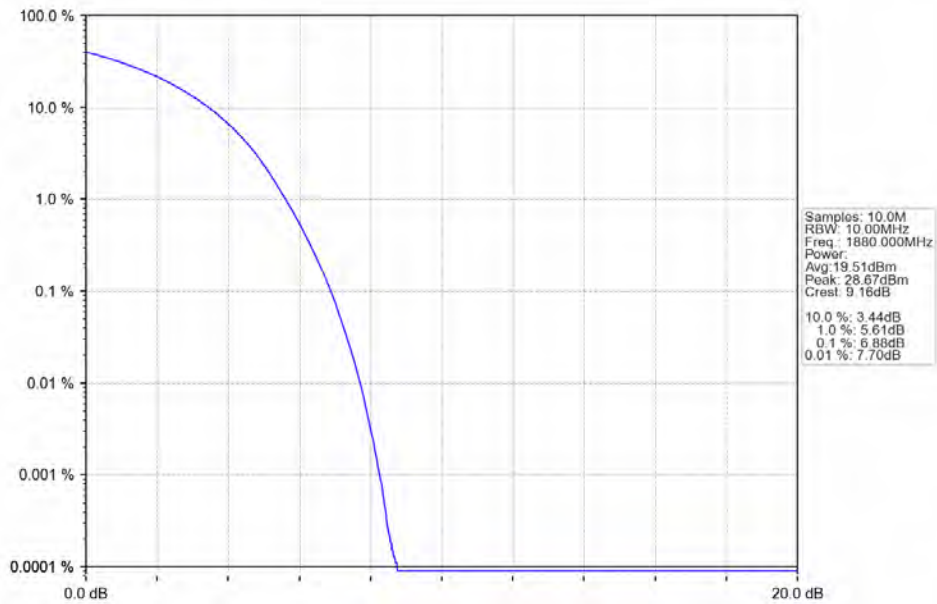
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV

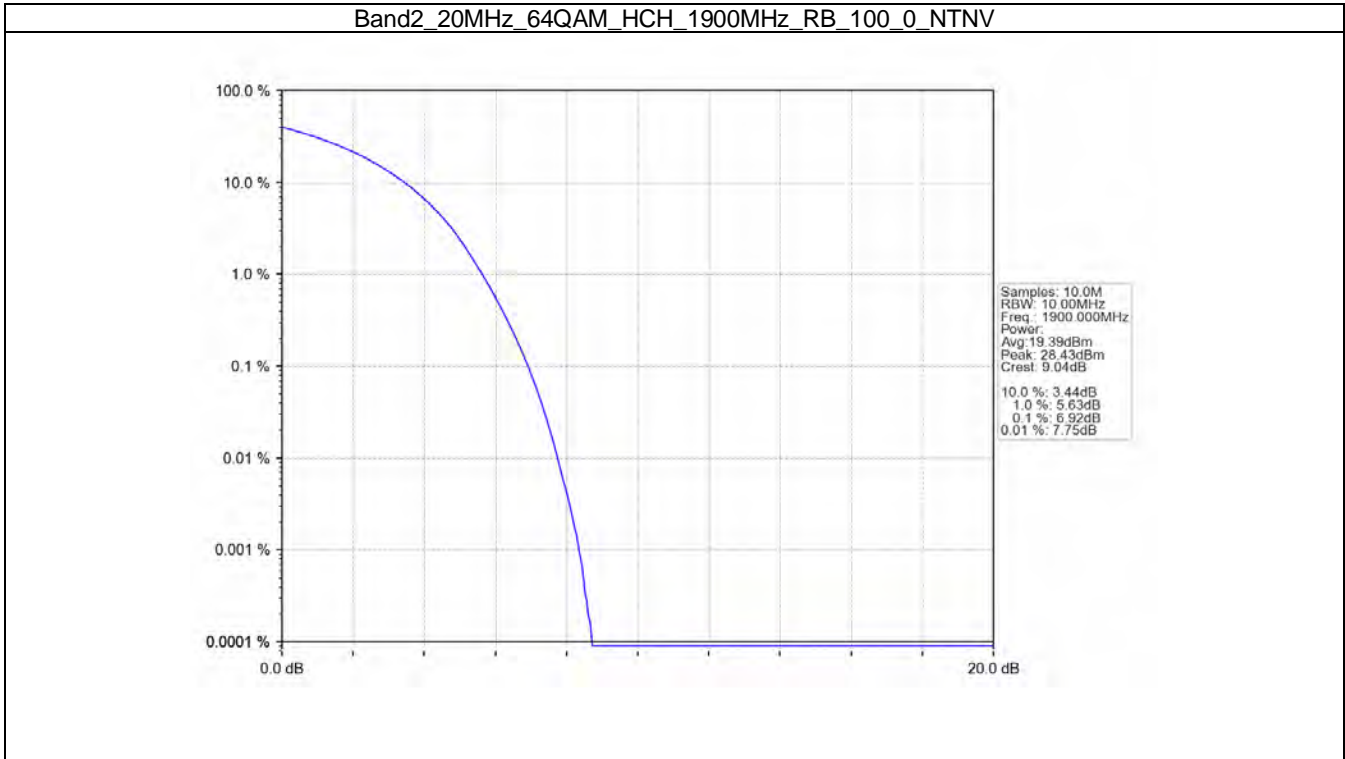


Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV





## 5. Spurious Emission

### 5.1 B2\_1.4MHz

#### 5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1850.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1909.3	1880	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			5	Refer To Test Graph		Pass	
			6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1909.3	1880	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			5	Refer To Test Graph		Pass	
			6	0	Refer To Test Graph		Pass
64QAM	1850.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1909.3	1880	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			5	Refer To Test Graph		Pass	
			6	0	Refer To Test Graph		Pass

5.1.2 Test Graph

