

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B26a\_1.4MHz\_ERP

### 1.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	814.7	1	0	23.92	0.00	21.77	<=38.45	Pass		
			2	23.95	0.00	21.80	<=38.45	Pass		
			5	23.85	0.00	21.70	<=38.45	Pass		
		3	0	23.80	0.00	21.65	<=38.45	Pass		
			2	23.84	0.00	21.69	<=38.45	Pass		
			3	23.88	0.00	21.73	<=38.45	Pass		
		6	0	22.88	0.00	20.73	<=38.45	Pass		
		819	1	0	23.80	0.00	21.65	<=38.45	Pass	
				2	23.89	0.00	21.74	<=38.45	Pass	
	5			23.89	0.00	21.74	<=38.45	Pass		
	3		0	23.85	0.00	21.70	<=38.45	Pass		
			2	23.91	0.00	21.76	<=38.45	Pass		
			3	23.87	0.00	21.72	<=38.45	Pass		
	6	0	22.87	0.00	20.72	<=38.45	Pass			
	823.3	1	0	23.93	0.00	21.78	<=38.45	Pass		
			2	23.98	0.00	21.83	<=38.45	Pass		
			5	23.91	0.00	21.76	<=38.45	Pass		
		3	0	23.82	0.00	21.67	<=38.45	Pass		
			2	23.87	0.00	21.72	<=38.45	Pass		
			3	23.83	0.00	21.68	<=38.45	Pass		
		6	0	22.95	0.00	20.80	<=38.45	Pass		
		16QAM	814.7	1	0	22.65	0.00	20.50	<=38.45	Pass
					2	22.78	0.00	20.63	<=38.45	Pass
	5				22.78	0.00	20.63	<=38.45	Pass	
3	0			22.92	0.00	20.77	<=38.45	Pass		
	2			22.76	0.00	20.61	<=38.45	Pass		
	3			22.81	0.00	20.66	<=38.45	Pass		
6	0			21.84	0.00	19.69	<=38.45	Pass		
819	1			0	22.92	0.00	20.77	<=38.45	Pass	
				2	22.85	0.00	20.70	<=38.45	Pass	
			5	22.70	0.00	20.55	<=38.45	Pass		
	3		0	22.78	0.00	20.63	<=38.45	Pass		
			2	22.89	0.00	20.74	<=38.45	Pass		
			3	23.02	0.00	20.87	<=38.45	Pass		
6	0		21.92	0.00	19.77	<=38.45	Pass			
823.3	1		0	22.69	0.00	20.54	<=38.45	Pass		
			2	22.87	0.00	20.72	<=38.45	Pass		
			5	22.91	0.00	20.76	<=38.45	Pass		
	3		0	22.83	0.00	20.68	<=38.45	Pass		
			2	22.97	0.00	20.82	<=38.45	Pass		
			3	22.84	0.00	20.69	<=38.45	Pass		
	6		0	21.93	0.00	19.78	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B26a\_3MHz\_ERP

1.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	815.5	1	0	24.11	0.00	21.96	<=38.45	Pass		
			7	24.11	0.00	21.96	<=38.45	Pass		
			14	23.97	0.00	21.82	<=38.45	Pass		
		8	0	22.97	0.00	20.82	<=38.45	Pass		
			4	23.01	0.00	20.86	<=38.45	Pass		
			7	22.99	0.00	20.84	<=38.45	Pass		
		15	0	22.90	0.00	20.75	<=38.45	Pass		
		819	1	0	23.98	0.00	21.83	<=38.45	Pass	
				7	24.11	0.00	21.96	<=38.45	Pass	
	14			23.97	0.00	21.82	<=38.45	Pass		
	8		0	22.94	0.00	20.79	<=38.45	Pass		
			4	22.98	0.00	20.83	<=38.45	Pass		
			7	22.92	0.00	20.77	<=38.45	Pass		
	15		0	22.89	0.00	20.74	<=38.45	Pass		
	822.5		1	0	24.01	0.00	21.86	<=38.45	Pass	
				7	24.12	0.00	21.97	<=38.45	Pass	
		14		24.11	0.00	21.96	<=38.45	Pass		
		8	0	22.95	0.00	20.80	<=38.45	Pass		
			4	23.00	0.00	20.85	<=38.45	Pass		
			7	22.97	0.00	20.82	<=38.45	Pass		
		15	0	22.92	0.00	20.77	<=38.45	Pass		
		16QAM	815.5	1	0	23.31	0.00	21.16	<=38.45	Pass
					7	23.14	0.00	20.99	<=38.45	Pass
	14				22.91	0.00	20.76	<=38.45	Pass	
8	0			22.09	0.00	19.94	<=38.45	Pass		
	4			21.98	0.00	19.83	<=38.45	Pass		
	7			22.02	0.00	19.87	<=38.45	Pass		
15	0			22.01	0.00	19.86	<=38.45	Pass		
819	1			0	22.93	0.00	20.78	<=38.45	Pass	
				7	23.51	0.00	21.36	<=38.45	Pass	
			14	23.08	0.00	20.93	<=38.45	Pass		
	8		0	22.04	0.00	19.89	<=38.45	Pass		
			4	22.19	0.00	20.04	<=38.45	Pass		
			7	21.96	0.00	19.81	<=38.45	Pass		
	15		0	22.03	0.00	19.88	<=38.45	Pass		
	822.5		1	0	23.07	0.00	20.92	<=38.45	Pass	
				7	23.02	0.00	20.87	<=38.45	Pass	
14				23.27	0.00	21.12	<=38.45	Pass		
8			0	21.95	0.00	19.80	<=38.45	Pass		
			4	22.07	0.00	19.92	<=38.45	Pass		
			7	22.10	0.00	19.95	<=38.45	Pass		
15			0	21.91	0.00	19.76	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B26a\_5MHz\_ERP

1.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	816.5	1	0	23.78	0.00	21.63	<=38.45	Pass		
			13	23.85	0.00	21.70	<=38.45	Pass		
			24	23.75	0.00	21.60	<=38.45	Pass		
		12	0	22.71	0.00	20.56	<=38.45	Pass		
			6	22.78	0.00	20.63	<=38.45	Pass		
			13	22.74	0.00	20.59	<=38.45	Pass		
		25	0	22.75	0.00	20.60	<=38.45	Pass		
		819	1	0	23.73	0.00	21.58	<=38.45	Pass	
				13	23.87	0.00	21.72	<=38.45	Pass	
	24			23.77	0.00	21.62	<=38.45	Pass		
	12		0	22.66	0.00	20.51	<=38.45	Pass		
			6	22.83	0.00	20.68	<=38.45	Pass		
			13	22.77	0.00	20.62	<=38.45	Pass		
	25		0	22.75	0.00	20.60	<=38.45	Pass		
	821.5		1	0	23.75	0.00	21.60	<=38.45	Pass	
				13	23.91	0.00	21.76	<=38.45	Pass	
		24		23.82	0.00	21.67	<=38.45	Pass		
		12	0	22.78	0.00	20.63	<=38.45	Pass		
			6	22.82	0.00	20.67	<=38.45	Pass		
			13	22.75	0.00	20.60	<=38.45	Pass		
		25	0	22.79	0.00	20.64	<=38.45	Pass		
		16QAM	816.5	1	0	22.47	0.00	20.32	<=38.45	Pass
					13	22.99	0.00	20.84	<=38.45	Pass
	24				22.79	0.00	20.64	<=38.45	Pass	
12	0			21.77	0.00	19.62	<=38.45	Pass		
	6			21.91	0.00	19.76	<=38.45	Pass		
	13			21.84	0.00	19.69	<=38.45	Pass		
25	0			21.83	0.00	19.68	<=38.45	Pass		
819	1			0	22.72	0.00	20.57	<=38.45	Pass	
				13	22.64	0.00	20.49	<=38.45	Pass	
			24	22.92	0.00	20.77	<=38.45	Pass		
	12		0	21.81	0.00	19.66	<=38.45	Pass		
			6	21.90	0.00	19.75	<=38.45	Pass		
			13	21.86	0.00	19.71	<=38.45	Pass		
	25		0	21.85	0.00	19.70	<=38.45	Pass		
	821.5		1	0	22.92	0.00	20.77	<=38.45	Pass	
				13	22.88	0.00	20.73	<=38.45	Pass	
24				22.52	0.00	20.37	<=38.45	Pass		
12			0	21.93	0.00	19.78	<=38.45	Pass		
			6	21.90	0.00	19.75	<=38.45	Pass		
			13	21.82	0.00	19.67	<=38.45	Pass		
25			0	21.82	0.00	19.67	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B26a\_10MHz\_ERP

1.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	819	1	0	23.88	0.00	21.73	<=38.45	Pass		
			25	24.04	0.00	21.89	<=38.45	Pass		
			49	23.87	0.00	21.72	<=38.45	Pass		
		25	0	22.78	0.00	20.63	<=38.45	Pass		
			13	22.88	0.00	20.73	<=38.45	Pass		
			25	22.81	0.00	20.66	<=38.45	Pass		
		50	0	22.84	0.00	20.69	<=38.45	Pass		
		16QAM	819	1	0	23.15	0.00	21.00	<=38.45	Pass
					25	23.14	0.00	20.99	<=38.45	Pass
49	22.75				0.00	20.60	<=38.45	Pass		
25	0			21.90	0.00	19.75	<=38.45	Pass		
	13			21.97	0.00	19.82	<=38.45	Pass		
	25			21.99	0.00	19.84	<=38.45	Pass		
50	0			21.92	0.00	19.77	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 2. Frequency Stability

### 2.1 B26a\_1.4MHz

#### 2.1.1 Test Result

Band: 26a / 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	814.7	6	0	20	3.27	-5.350	-0.0066	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0044	-2.5 to 2.5	Pass
					4.43	-5.779	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-6.022	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-5.264	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-7.668	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.407	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-7.210	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				819	6	0	20	3.27	-8.140
	3.85	-5.679	-0.0069					-2.5 to 2.5	Pass
	4.43	-7.110	-0.0087					-2.5 to 2.5	Pass
	-30	3.85	-6.337				-0.0077	-2.5 to 2.5	Pass
	-20	3.85	-6.108				-0.0075	-2.5 to 2.5	Pass
	-10	3.85	-5.193				-0.0063	-2.5 to 2.5	Pass
	0	3.85	-8.268				-0.0101	-2.5 to 2.5	Pass
	10	3.85	-3.533				-0.0043	-2.5 to 2.5	Pass
	30	3.85	-5.693				-0.0070	-2.5 to 2.5	Pass
	40	3.85	-3.862				-0.0047	-2.5 to 2.5	Pass
	50	3.85	-7.782				-0.0095	-2.5 to 2.5	Pass
	823.3	6	0				20	3.27	-10.514
				3.85	-7.339	-0.0089		-2.5 to 2.5	Pass

					4.43	-6.137	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-3.490	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	-6.952	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-13.504	-0.0164	-2.5 to 2.5	Pass
				10	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-9.255	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-8.440	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-6.609	-0.0080	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	-3.376	-0.0041	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0079	-2.5 to 2.5	Pass
					4.43	-6.022	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-4.749	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-8.197	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-3.490	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-6.452	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0074	-2.5 to 2.5	Pass
	50	3.85	-8.168	-0.0100	-2.5 to 2.5	Pass			
	819	6	0	20	3.27	-7.010	-0.0086	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0036	-2.5 to 2.5	Pass
					4.43	-6.208	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-7.911	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-4.520	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-9.642	-0.0118	-2.5 to 2.5	Pass
				30	3.85	-6.752	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-5.708	-0.0070	-2.5 to 2.5	Pass
	50	3.85	-1.931	-0.0024	-2.5 to 2.5	Pass			
	823.3	6	0	20	3.27	-8.082	-0.0098	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0072	-2.5 to 2.5	Pass
					4.43	-0.286	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	1.016	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-4.492	-0.0055	-2.5 to 2.5	Pass
30				3.85	-5.937	-0.0072	-2.5 to 2.5	Pass	
40				3.85	-6.709	-0.0081	-2.5 to 2.5	Pass	
50	3.85	-6.022	-0.0073	-2.5 to 2.5	Pass				

## 2.2 B26a\_3MHz

### 2.2.1 Test Result

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.27	-3.462	-0.0042	-2.5 to 2.5	Pass
					3.85	-5.922	-0.0073	-2.5 to 2.5	Pass

					4.43	-5.479	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-7.367	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-7.811	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-5.636	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-7.696	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
				40	3.85	-6.180	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-5.693	-0.0070	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-6.394	-0.0078	-2.5 to 2.5	Pass
					3.85	-3.104	-0.0038	-2.5 to 2.5	Pass
					4.43	-7.424	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-2.861	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-6.437	-0.0079	-2.5 to 2.5	Pass
				-10	3.85	-7.195	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-3.848	-0.0047	-2.5 to 2.5	Pass
	40	3.85	-3.948	-0.0048	-2.5 to 2.5	Pass			
	50	3.85	-6.280	-0.0077	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-6.123	-0.0074	-2.5 to 2.5	Pass
					3.85	-6.323	-0.0077	-2.5 to 2.5	Pass
					4.43	-5.536	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-10.014	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-3.247	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-5.550	-0.0067	-2.5 to 2.5	Pass
30				3.85	-5.822	-0.0071	-2.5 to 2.5	Pass	
40	3.85	-9.270	-0.0113	-2.5 to 2.5	Pass				
50	3.85	-9.356	-0.0114	-2.5 to 2.5	Pass				
16QAM	815.5	15	0	20	3.27	-10.471	-0.0128	-2.5 to 2.5	Pass
					3.85	-8.326	-0.0102	-2.5 to 2.5	Pass
					4.43	-5.693	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-4.563	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-6.609	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-9.956	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-7.968	-0.0098	-2.5 to 2.5	Pass
	40	3.85	-6.065	-0.0074	-2.5 to 2.5	Pass			
	50	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass			
	819	15	0	20	3.27	-4.978	-0.0061	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0037	-2.5 to 2.5	Pass
					4.43	-6.108	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-5.937	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-7.567	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0054	-2.5 to 2.5	Pass
	40	3.85	-7.896	-0.0096	-2.5 to 2.5	Pass			
	50	3.85	-9.255	-0.0113	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-8.655	-0.0105	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0055	-2.5 to 2.5	Pass

				4.43	-6.237	-0.0076	-2.5 to 2.5	Pass
			-30	3.85	-4.964	-0.0060	-2.5 to 2.5	Pass
			-20	3.85	-3.948	-0.0048	-2.5 to 2.5	Pass
			-10	3.85	-7.625	-0.0093	-2.5 to 2.5	Pass
			0	3.85	-6.065	-0.0074	-2.5 to 2.5	Pass
			10	3.85	-3.362	-0.0041	-2.5 to 2.5	Pass
			30	3.85	-6.208	-0.0075	-2.5 to 2.5	Pass
			40	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
			50	3.85	-6.294	-0.0077	-2.5 to 2.5	Pass

2.3 B26a\_5MHz

2.3.1 Test Result

Band: 26a / Bandwidth: 5MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	816.5	25	0	20	3.27	-1.760	-0.0022	-2.5 to 2.5	Pass			
					3.85	-4.935	-0.0060	-2.5 to 2.5	Pass			
					4.43	-5.178	-0.0063	-2.5 to 2.5	Pass			
				-30	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass			
				-20	3.85	-4.892	-0.0060	-2.5 to 2.5	Pass			
				-10	3.85	-5.565	-0.0068	-2.5 to 2.5	Pass			
				0	3.85	-4.692	-0.0057	-2.5 to 2.5	Pass			
				10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass			
				30	3.85	-5.250	-0.0064	-2.5 to 2.5	Pass			
				40	3.85	-4.706	-0.0058	-2.5 to 2.5	Pass			
				50	3.85	-5.608	-0.0069	-2.5 to 2.5	Pass			
				819	25	0	20	3.27	-6.065	-0.0074	-2.5 to 2.5	Pass
								3.85	-2.460	-0.0030	-2.5 to 2.5	Pass
								4.43	-5.751	-0.0070	-2.5 to 2.5	Pass
							-30	3.85	-5.322	-0.0065	-2.5 to 2.5	Pass
	-20	3.85	-1.302				-0.0016	-2.5 to 2.5	Pass			
	-10	3.85	-4.821				-0.0059	-2.5 to 2.5	Pass			
	0	3.85	-1.431				-0.0017	-2.5 to 2.5	Pass			
	10	3.85	-7.453				-0.0091	-2.5 to 2.5	Pass			
	30	3.85	-4.163				-0.0051	-2.5 to 2.5	Pass			
	821.5	25	0	20	3.27	-8.798	-0.0107	-2.5 to 2.5	Pass			
					3.85	-4.749	-0.0058	-2.5 to 2.5	Pass			
					4.43	-3.448	-0.0042	-2.5 to 2.5	Pass			
				-30	3.85	-6.566	-0.0080	-2.5 to 2.5	Pass			
				-20	3.85	-6.137	-0.0075	-2.5 to 2.5	Pass			
				-10	3.85	-7.281	-0.0089	-2.5 to 2.5	Pass			
				0	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass			
10				3.85	-4.191	-0.0051	-2.5 to 2.5	Pass				
30				3.85	-5.150	-0.0063	-2.5 to 2.5	Pass				
16QAM	816.5	25	0	20	3.27	-5.364	-0.0066	-2.5 to 2.5	Pass			
					3.85	-9.613	-0.0118	-2.5 to 2.5	Pass			

					4.43	-2.847	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-6.752	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-6.609	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-6.452	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-6.323	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-7.768	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-4.721	-0.0058	-2.5 to 2.5	Pass
				40	3.85	-8.569	-0.0105	-2.5 to 2.5	Pass
				50	3.85	-5.107	-0.0063	-2.5 to 2.5	Pass
				819	25	0	20	3.27	-7.739
	3.85	-1.559	-0.0019					-2.5 to 2.5	Pass
	4.43	-5.107	-0.0062					-2.5 to 2.5	Pass
	-30	3.85	-4.878				-0.0060	-2.5 to 2.5	Pass
	-20	3.85	-8.755				-0.0107	-2.5 to 2.5	Pass
	-10	3.85	-8.540				-0.0104	-2.5 to 2.5	Pass
	0	3.85	-2.789				-0.0034	-2.5 to 2.5	Pass
	10	3.85	-4.749				-0.0058	-2.5 to 2.5	Pass
	30	3.85	-4.163				-0.0051	-2.5 to 2.5	Pass
	40	3.85	-7.997				-0.0098	-2.5 to 2.5	Pass
	50	3.85	-7.210	-0.0088	-2.5 to 2.5	Pass			
	821.5	25	0	20	3.27	-9.356	-0.0114	-2.5 to 2.5	Pass
					3.85	-3.734	-0.0045	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.574	-0.0019	-2.5 to 2.5	Pass
50	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass				

## 2.4 B26a\_10MHz

### 2.4.1 Test Result

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.27	-9.284	-0.0113	-2.5 to 2.5	Pass
					3.85	-2.904	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.347	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-7.253	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-7.010	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-4.063	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-7.167	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-6.595	-0.0081	-2.5 to 2.5	Pass
50	3.85	-4.334	-0.0053	-2.5 to 2.5	Pass				
16QAM	819	50	0	20	3.27	-6.766	-0.0083	-2.5 to 2.5	Pass
					3.85	0.029	0.0000	-2.5 to 2.5	Pass



					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.615	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.406	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-2.089	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-2.246	-0.0027	-2.5 to 2.5	Pass

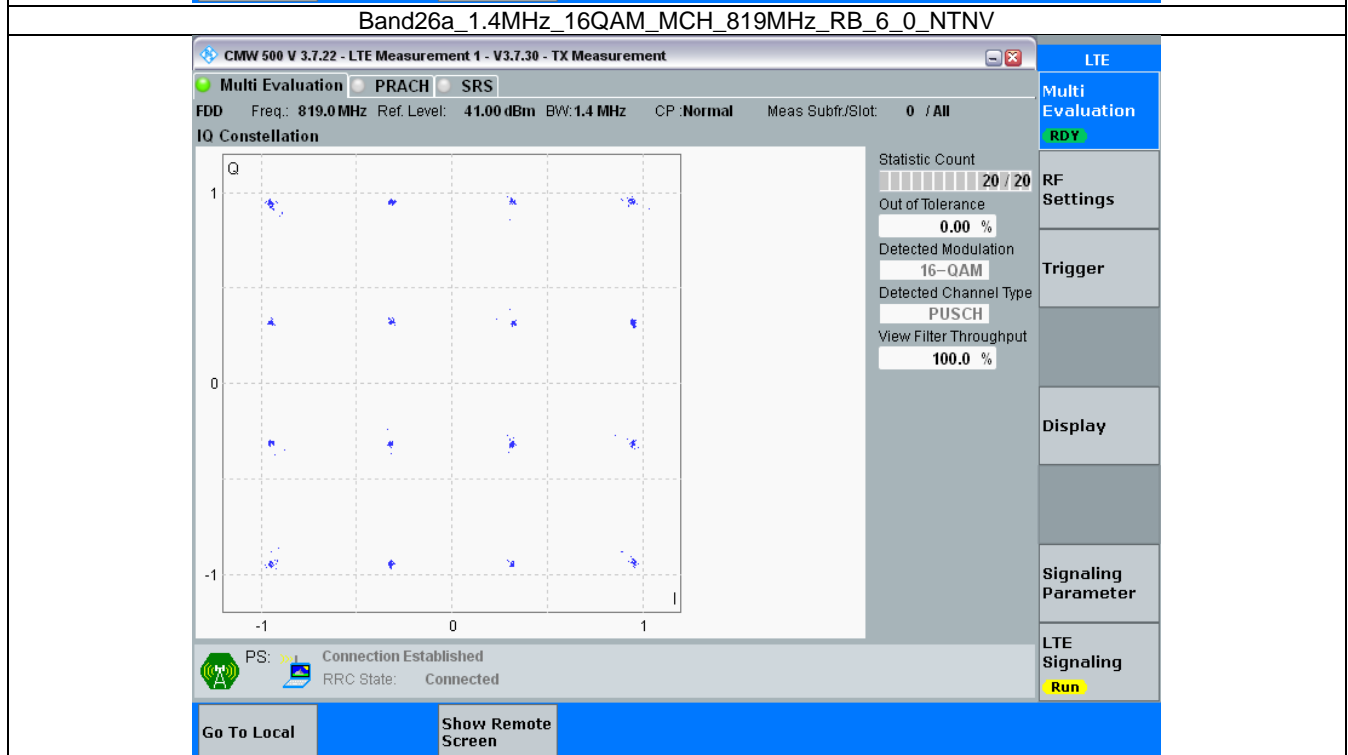
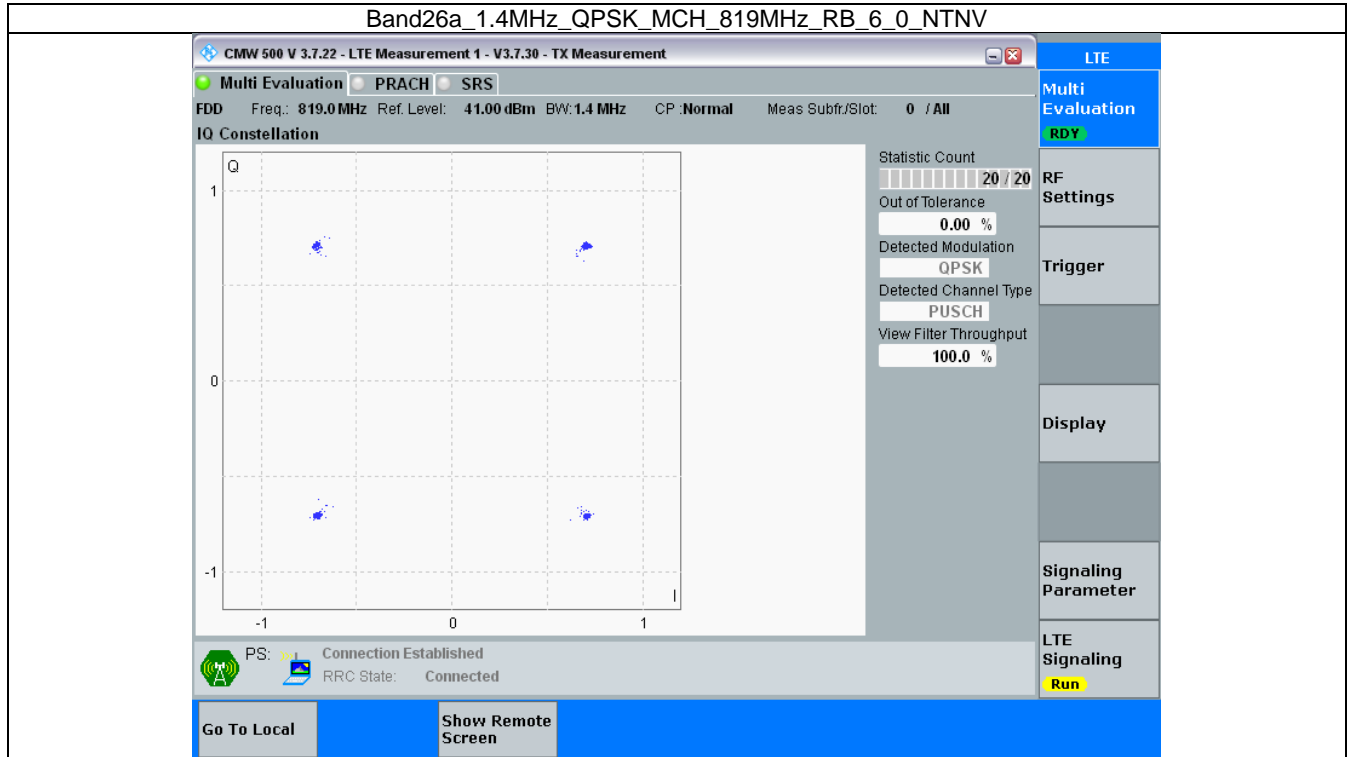
### 3. Modulation Characteristics

#### 3.1 B26a\_1.4MHz

##### 3.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	6	0	Refer To Test Graph		Pass
16QAM	819	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

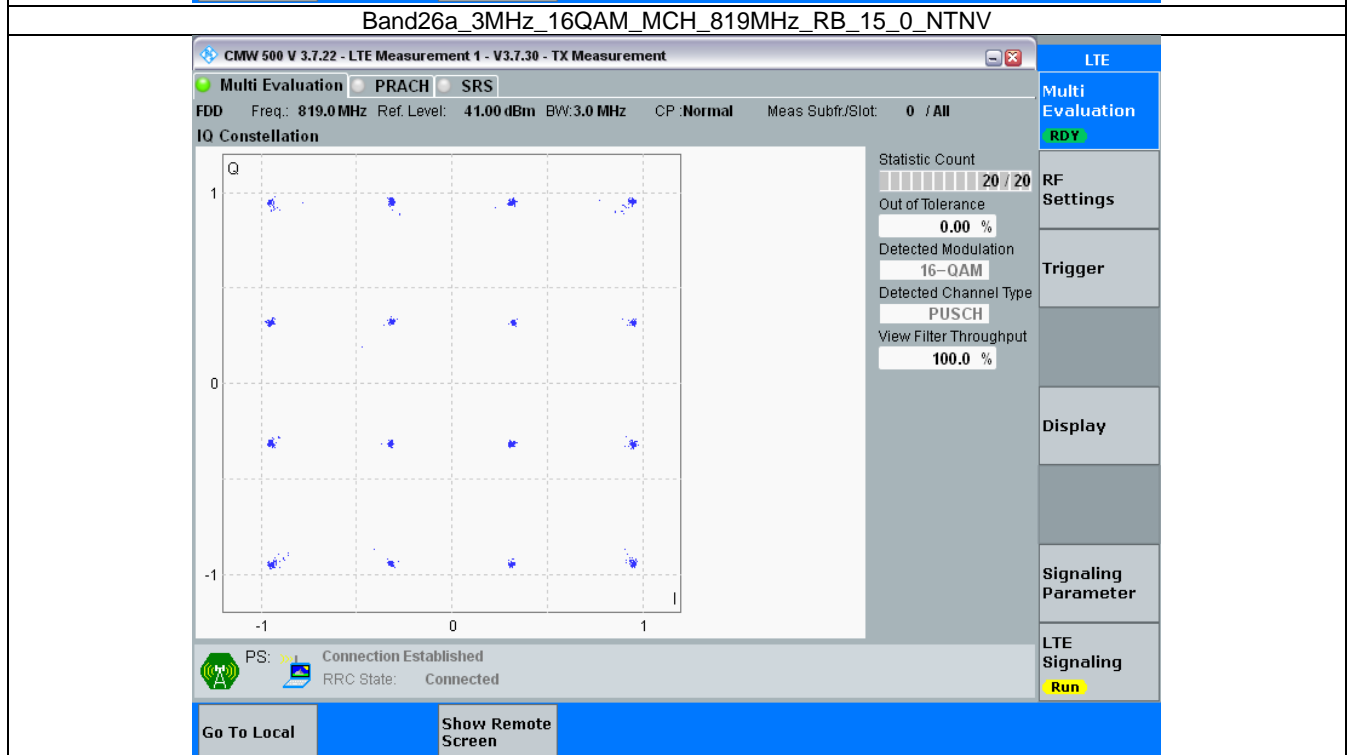
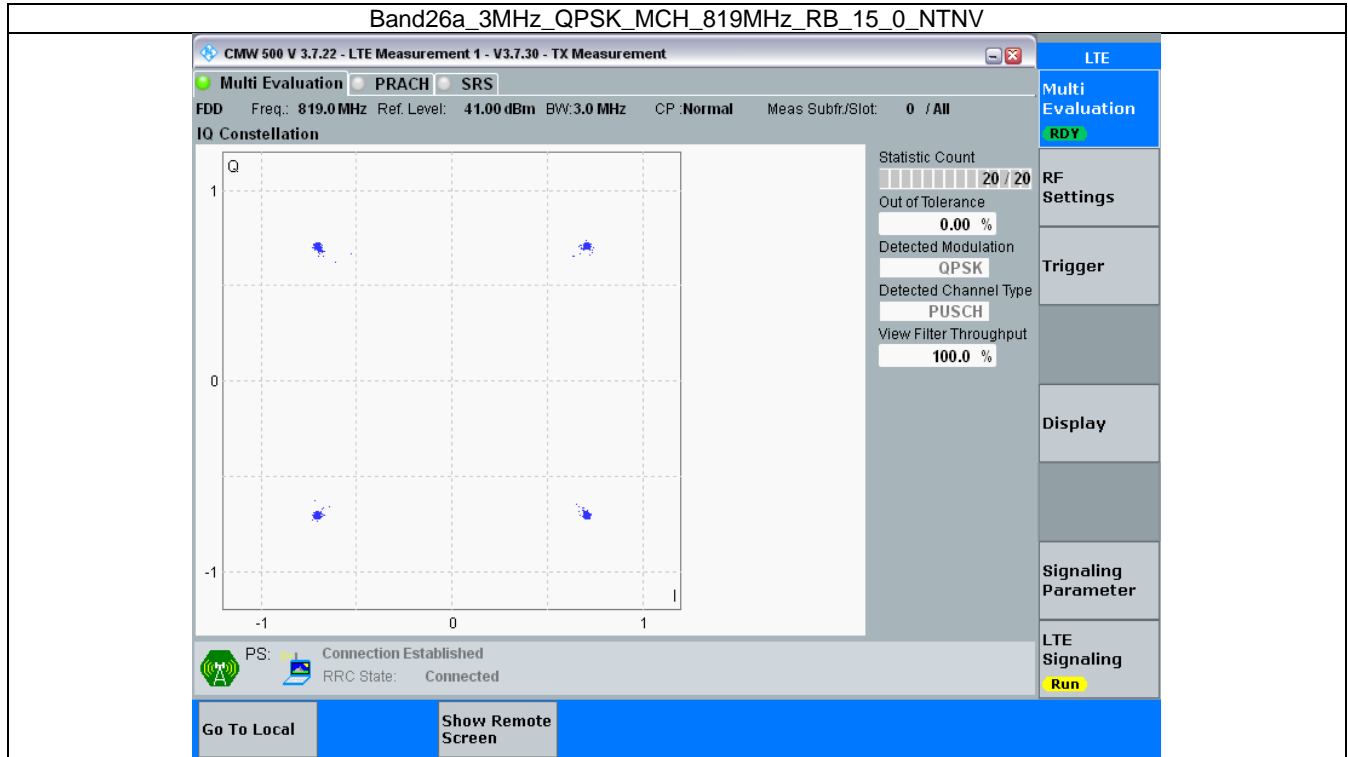


3.2 B26a\_3MHz

3.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	15	0	Refer To Test Graph		Pass
16QAM	819	15	0	Refer To Test Graph		Pass

### 3.2.2 Test Graph

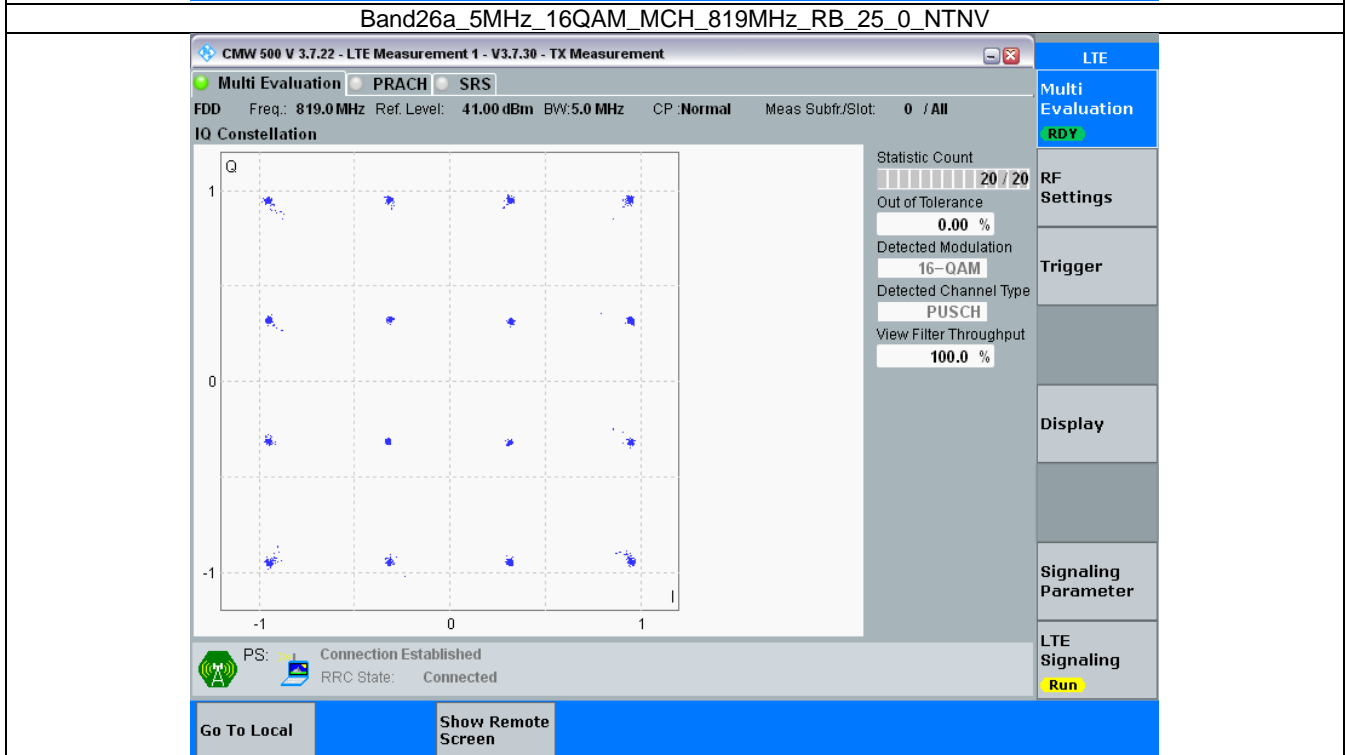
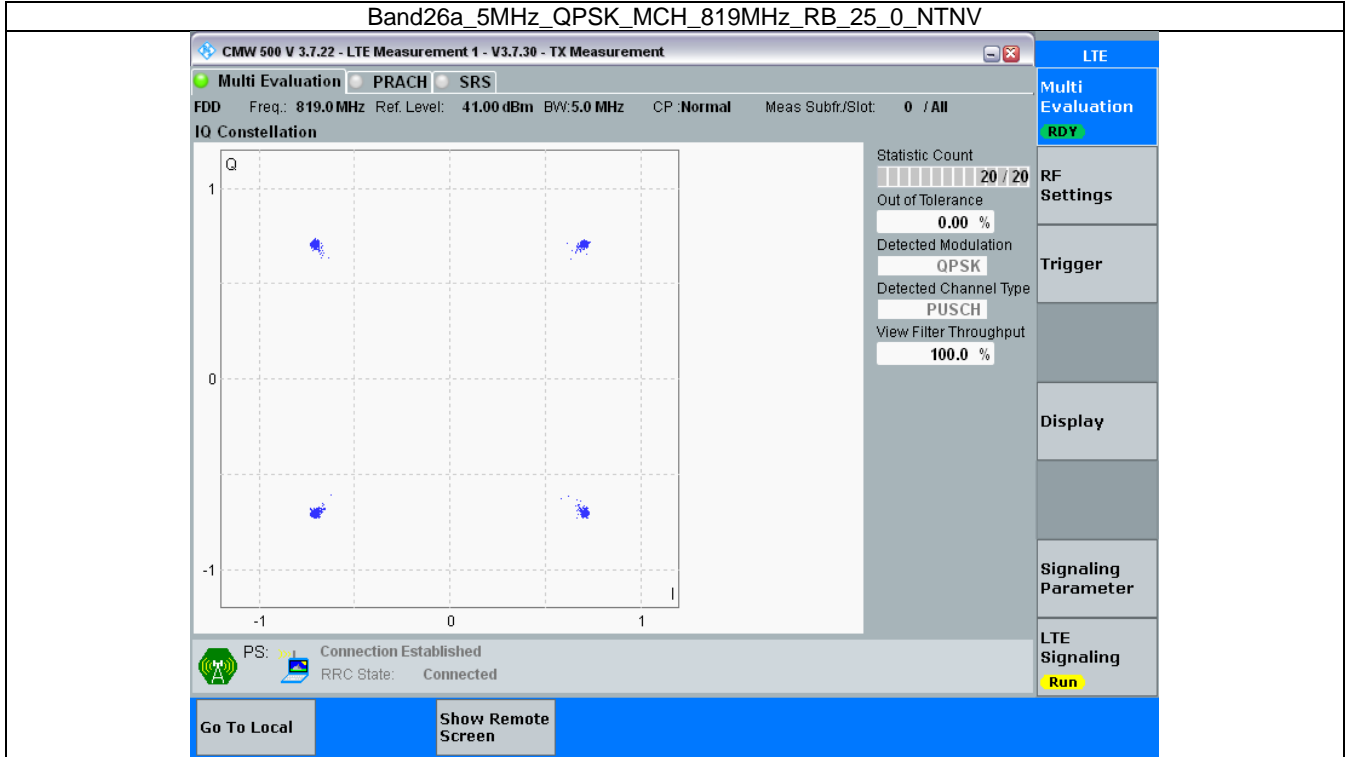


### 3.3 B26a\_5MHz

#### 3.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

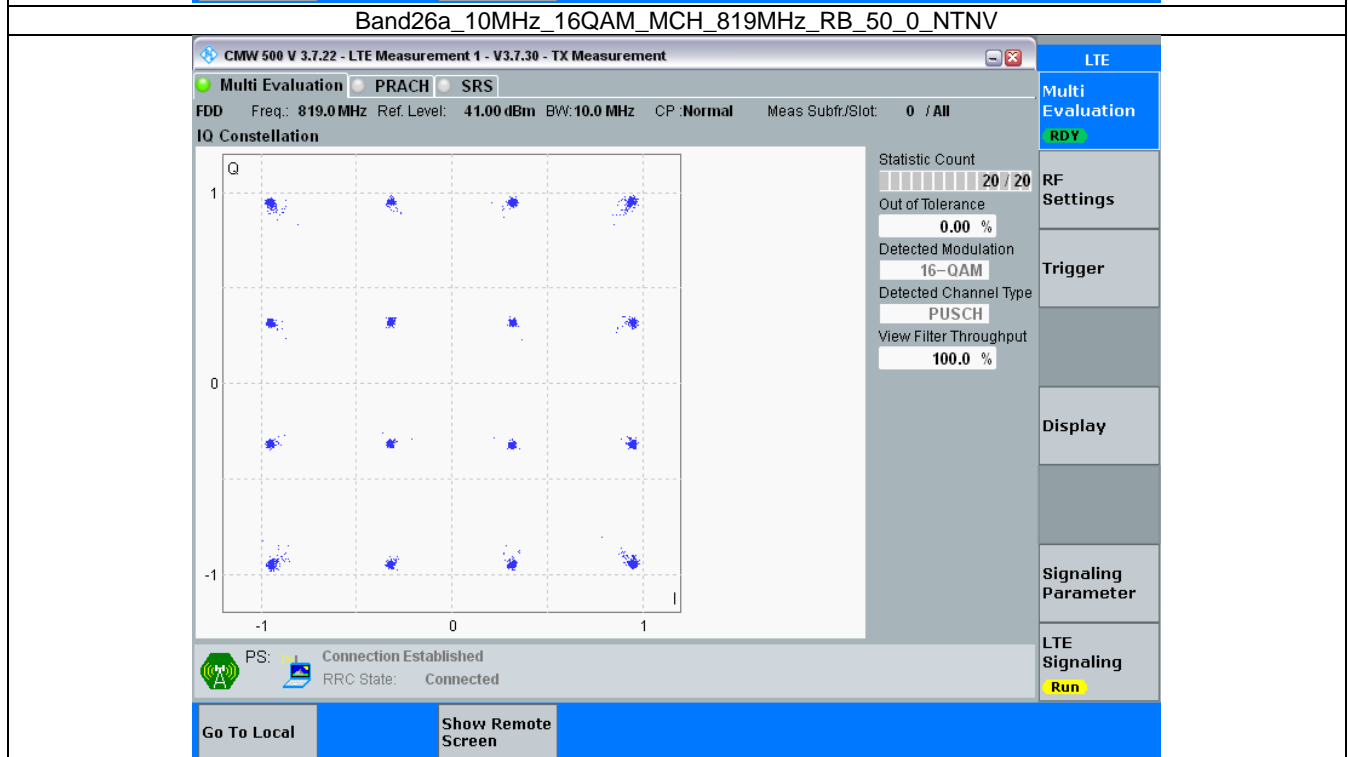
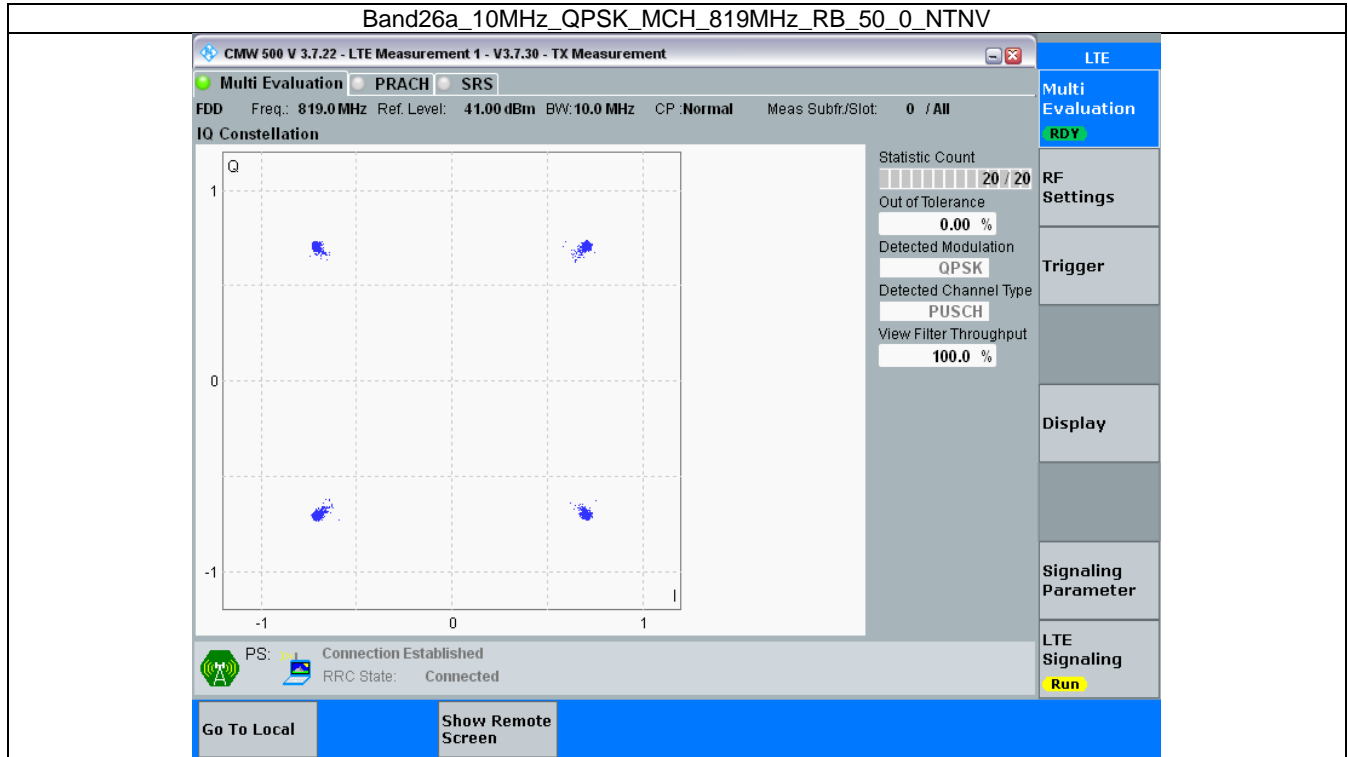


3.4 B26a\_10MHz

3.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph





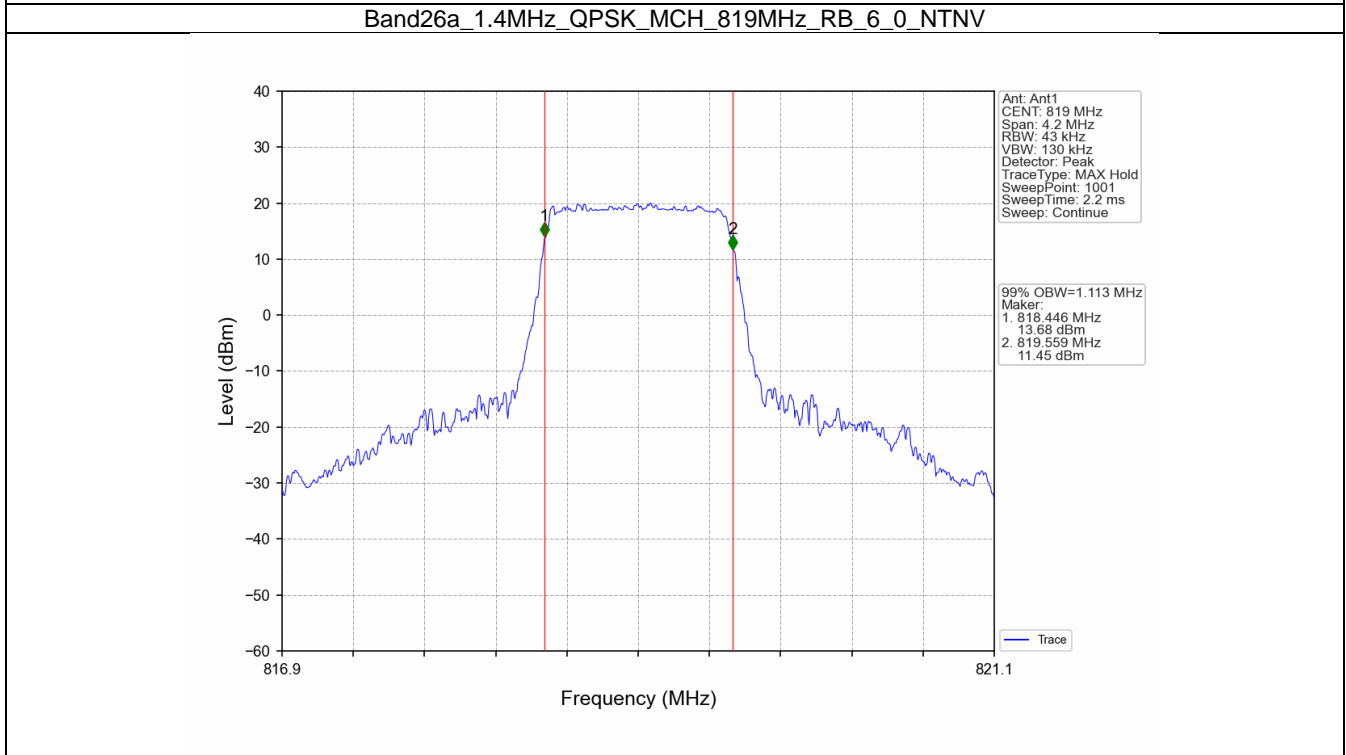
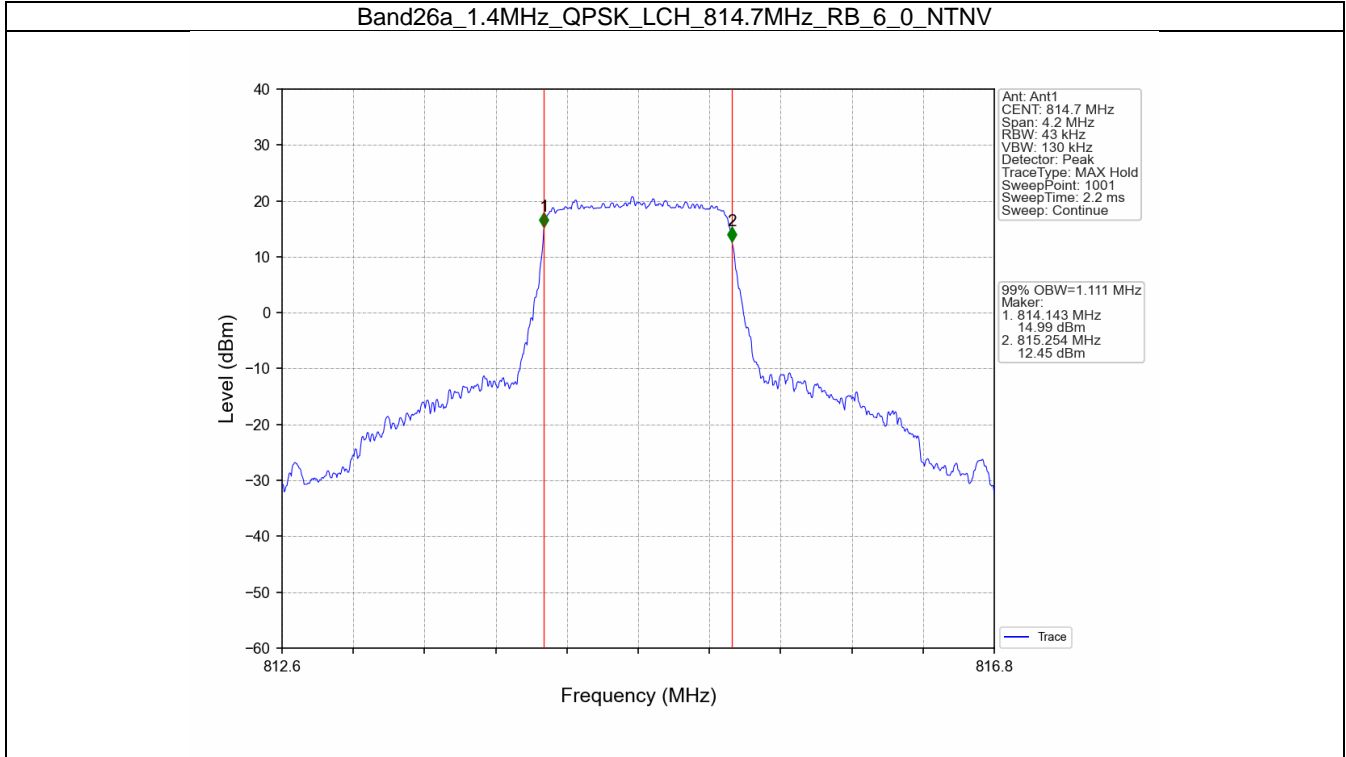
#### 4. 99% & 26dB Bandwidth

##### 4.1 Band26a\_OBW

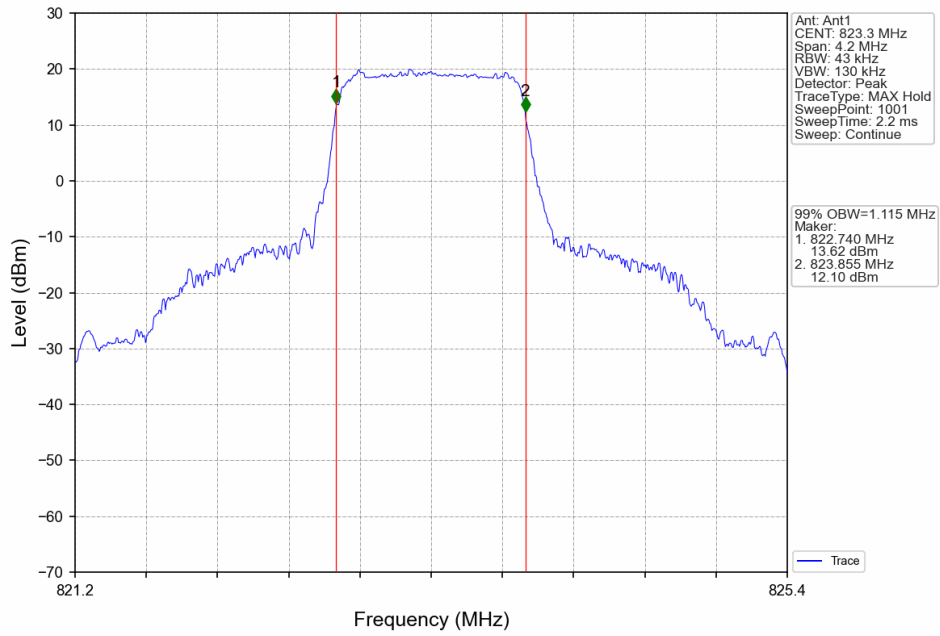
##### 4.1.1 Test Result

Band: 26a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.111	Pass
		819	6	0	1.113	Pass
		823.3	6	0	1.115	Pass
	16QAM	814.7	6	0	1.114	Pass
		819	6	0	1.112	Pass
		823.3	6	0	1.110	Pass
3	QPSK	815.5	15	0	2.727	Pass
		819	15	0	2.727	Pass
		822.5	15	0	2.729	Pass
	16QAM	815.5	15	0	2.733	Pass
		819	15	0	2.715	Pass
		822.5	15	0	2.729	Pass
5	QPSK	816.5	25	0	4.575	Pass
		819	25	0	4.558	Pass
		821.5	25	0	4.581	Pass
	16QAM	816.5	25	0	4.553	Pass
		819	25	0	4.594	Pass
		821.5	25	0	4.567	Pass
10	QPSK	819	50	0	9.060	Pass
	16QAM	819	50	0	9.075	Pass

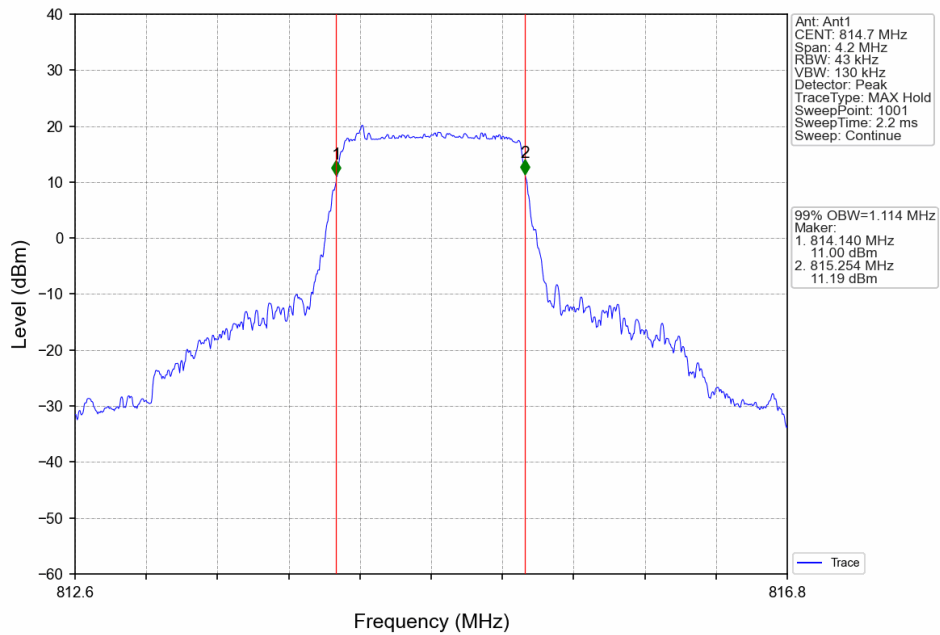
4.1.2 Test Graph

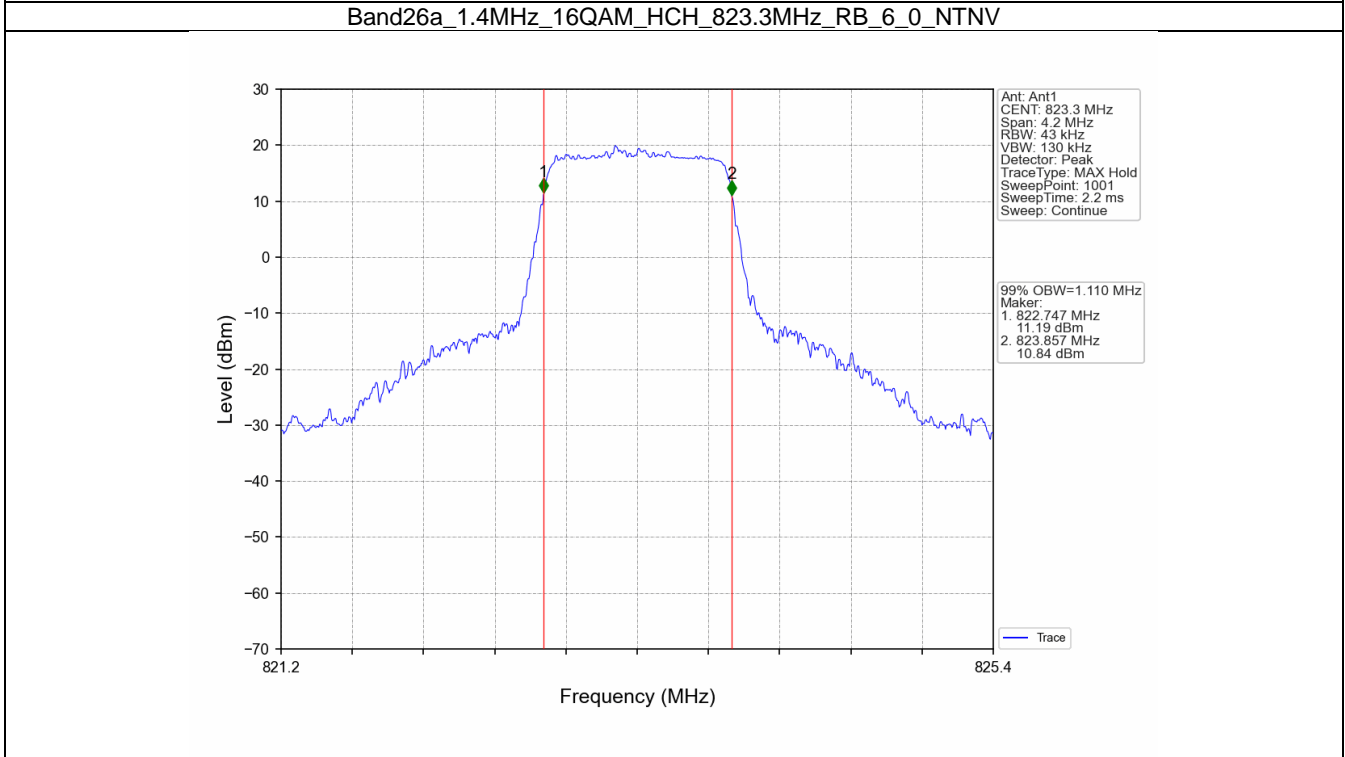
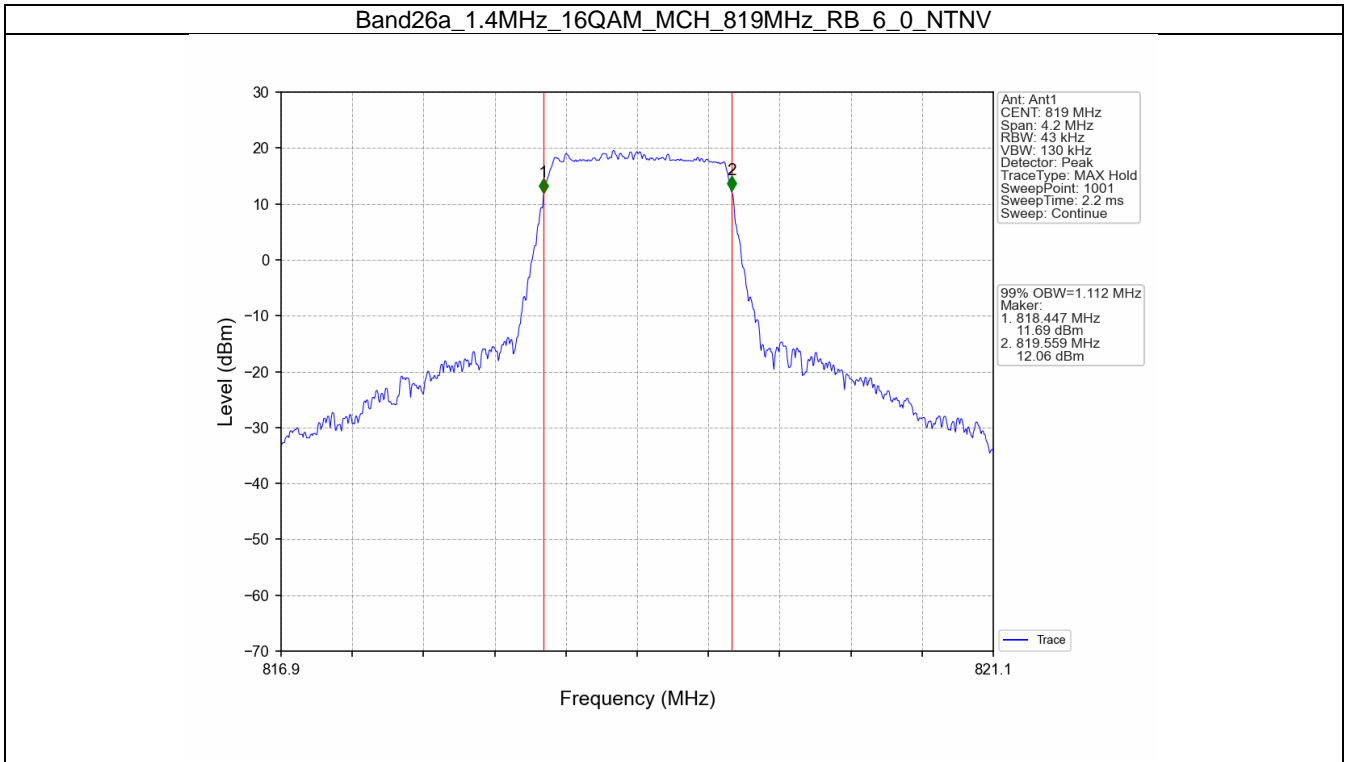


Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV

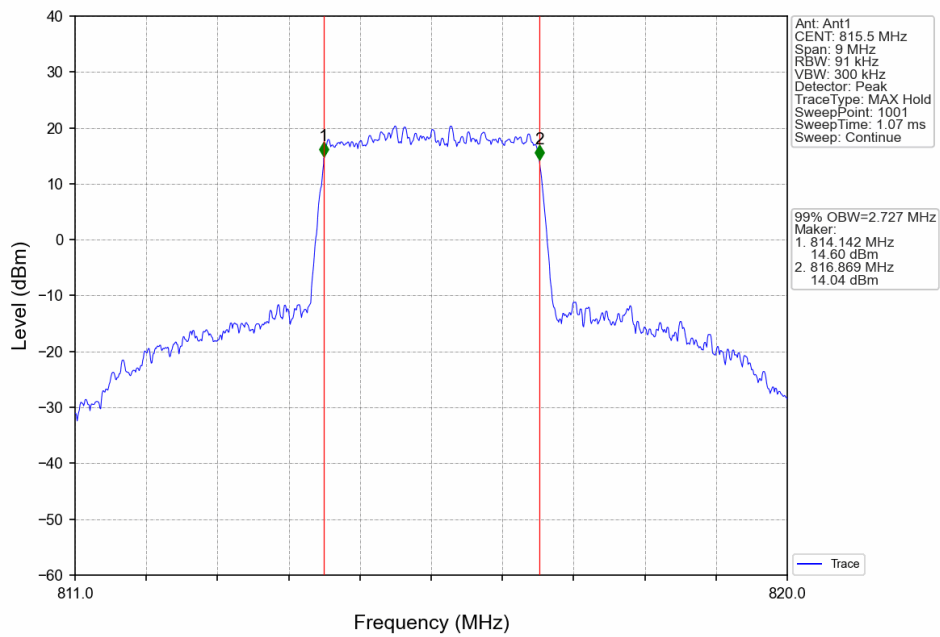


Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV

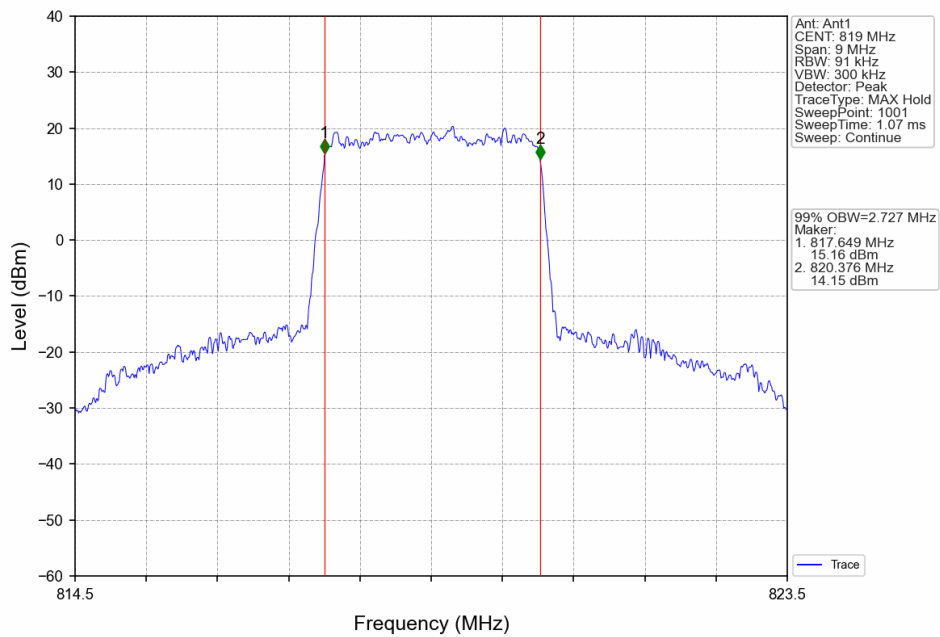




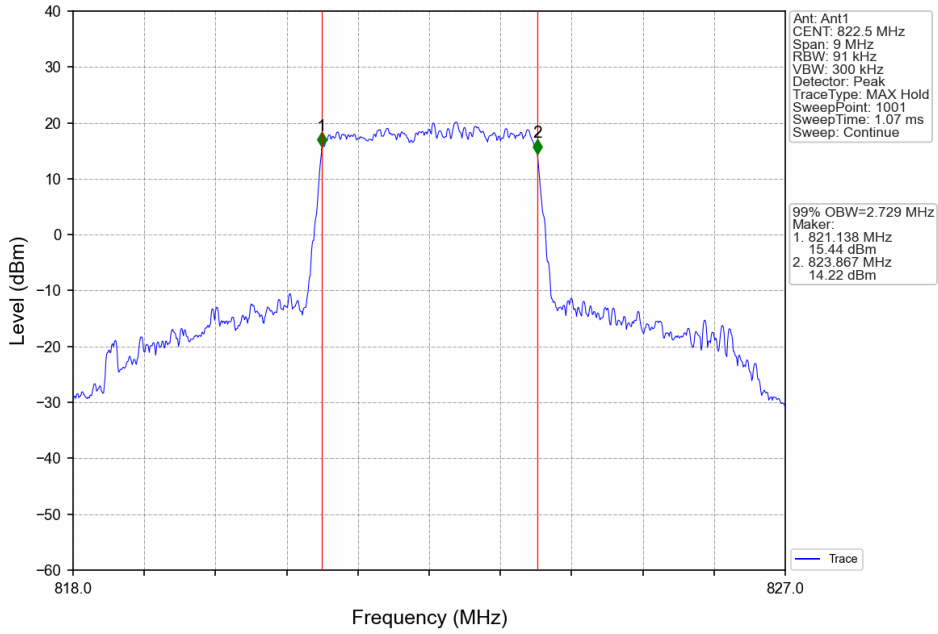
Band26a\_3MHz\_QPSK\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



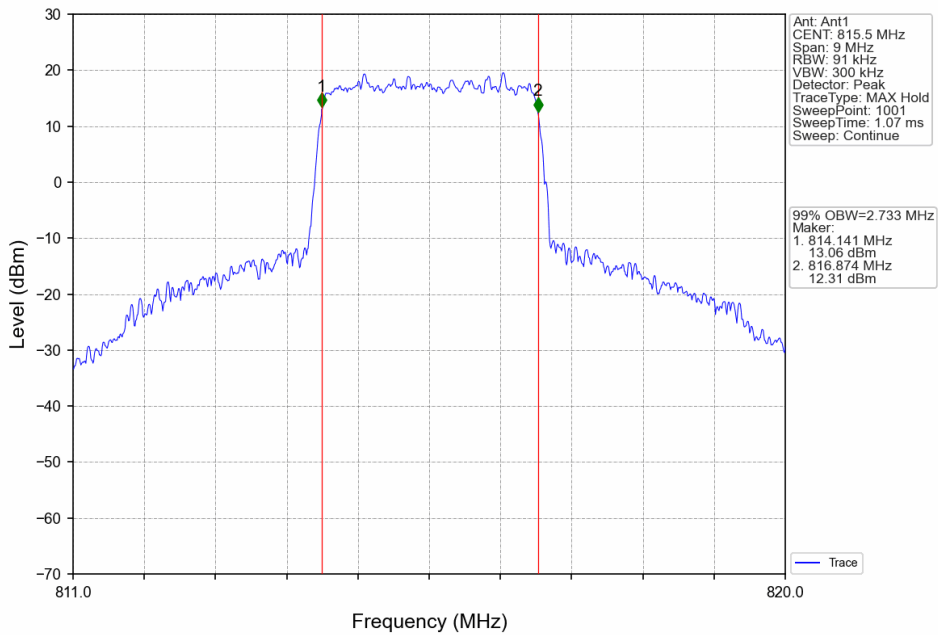
Band26a\_3MHz\_QPSK\_MCH\_819MHz\_RB\_15\_0\_NTNV



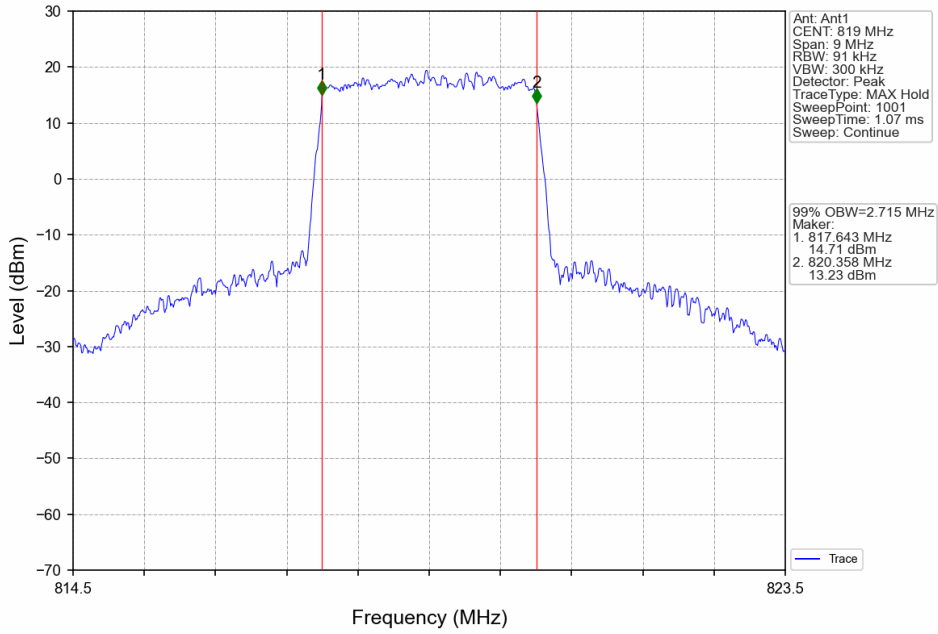
Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



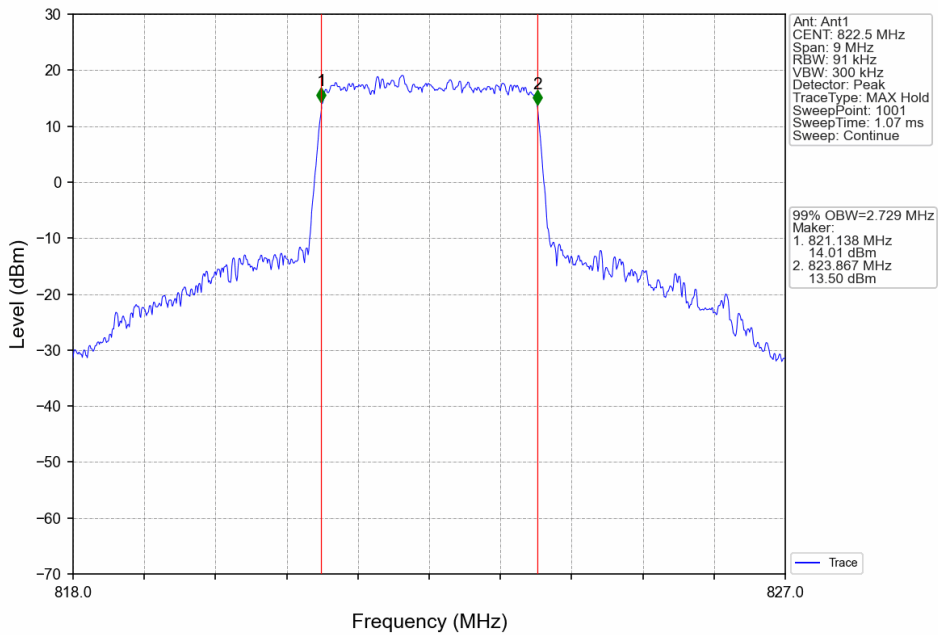
Band26a\_3MHz\_16QAM\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



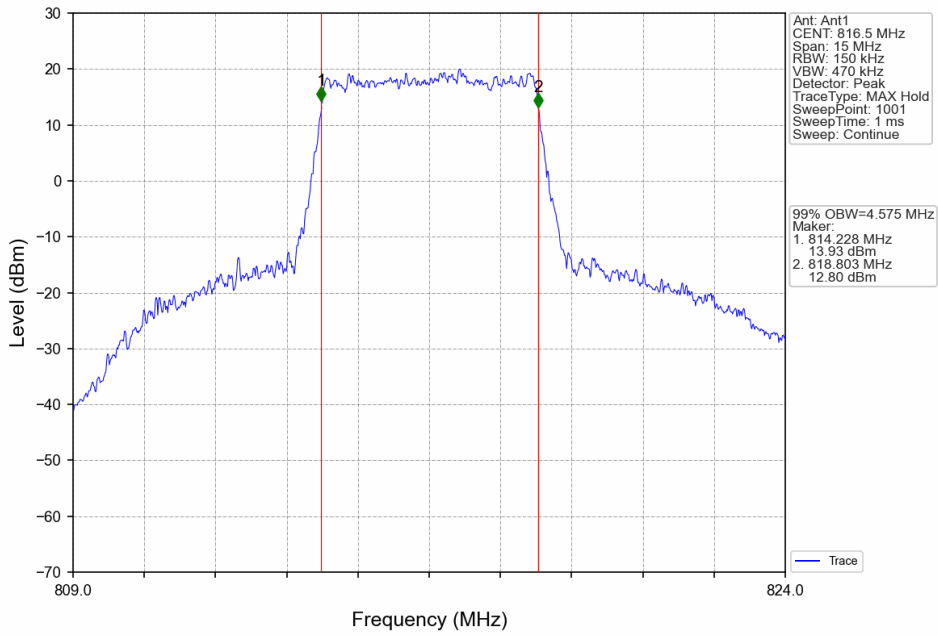
Band26a\_3MHz\_16QAM\_MCH\_819MHz\_RB\_15\_0\_NTNV



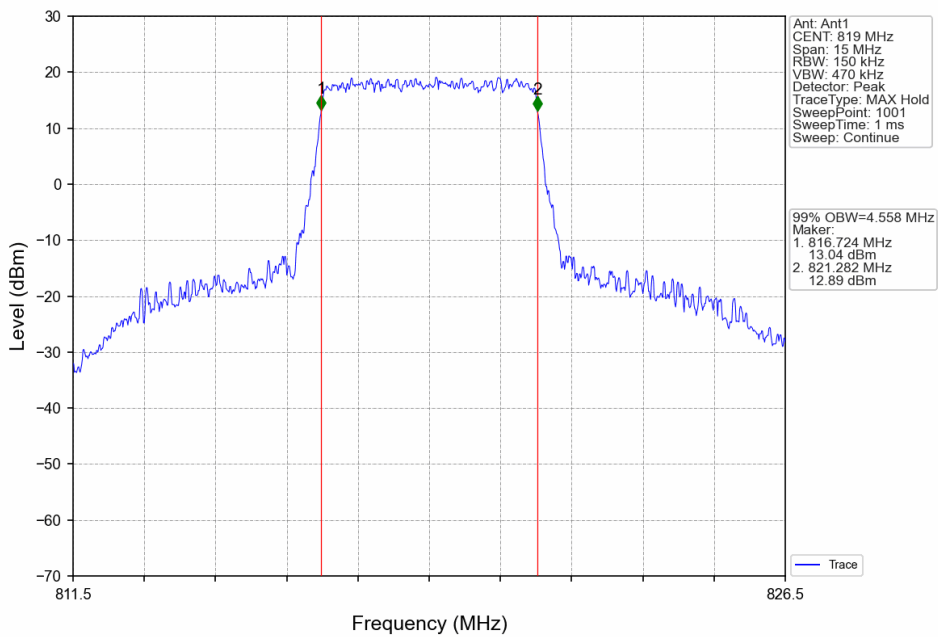
Band26a\_3MHz\_16QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



Band26a\_5MHz\_QPSK\_LCH\_816.5MHz\_RB\_25\_0\_NTNV

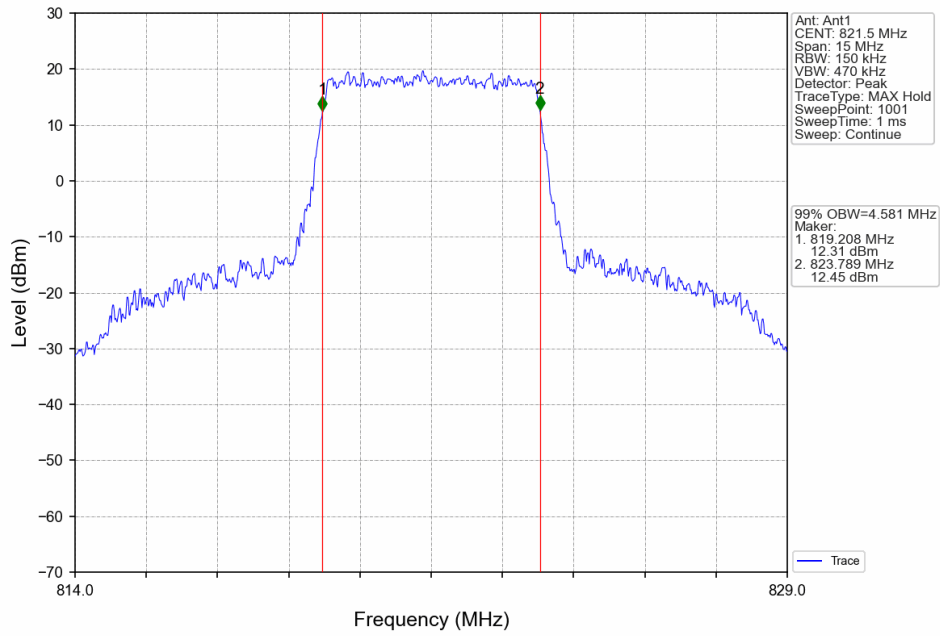


Band26a\_5MHz\_QPSK\_MCH\_819MHz\_RB\_25\_0\_NTNV

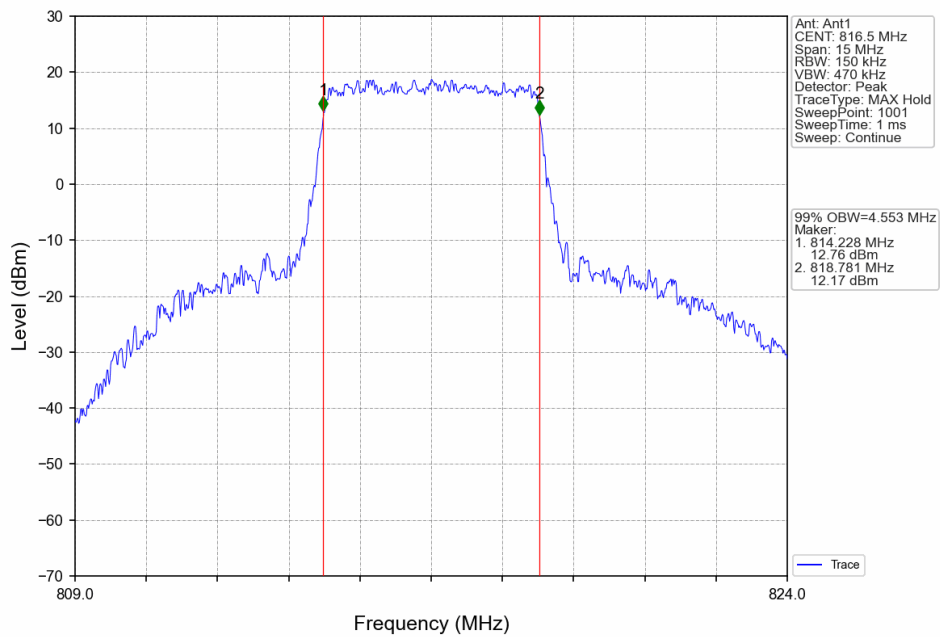




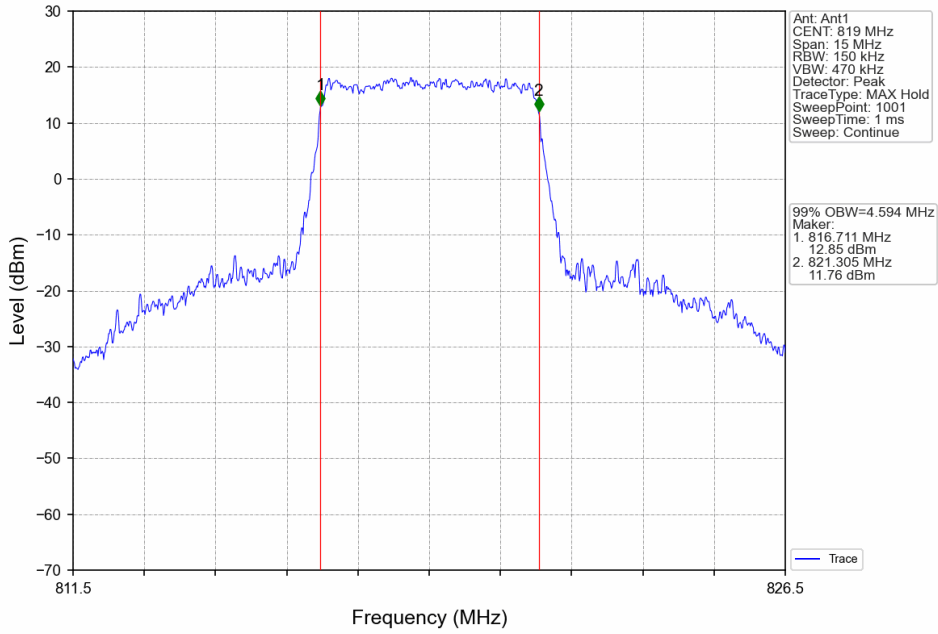
Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



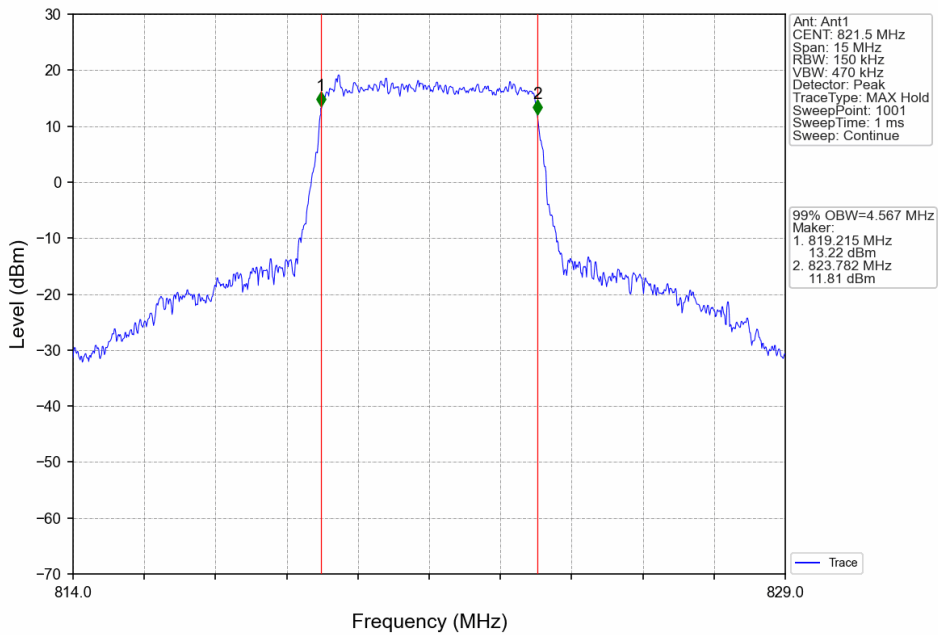
Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



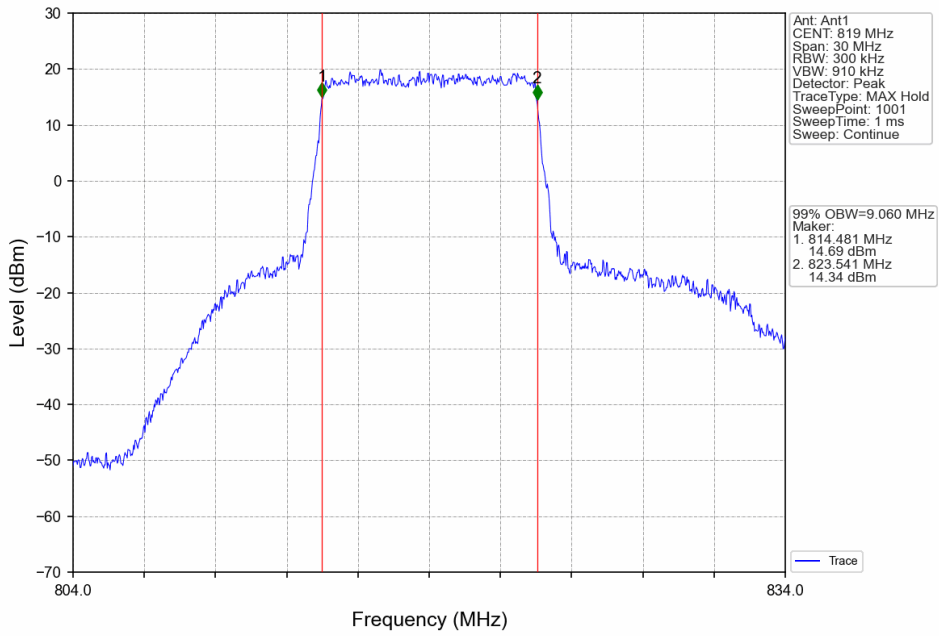
Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



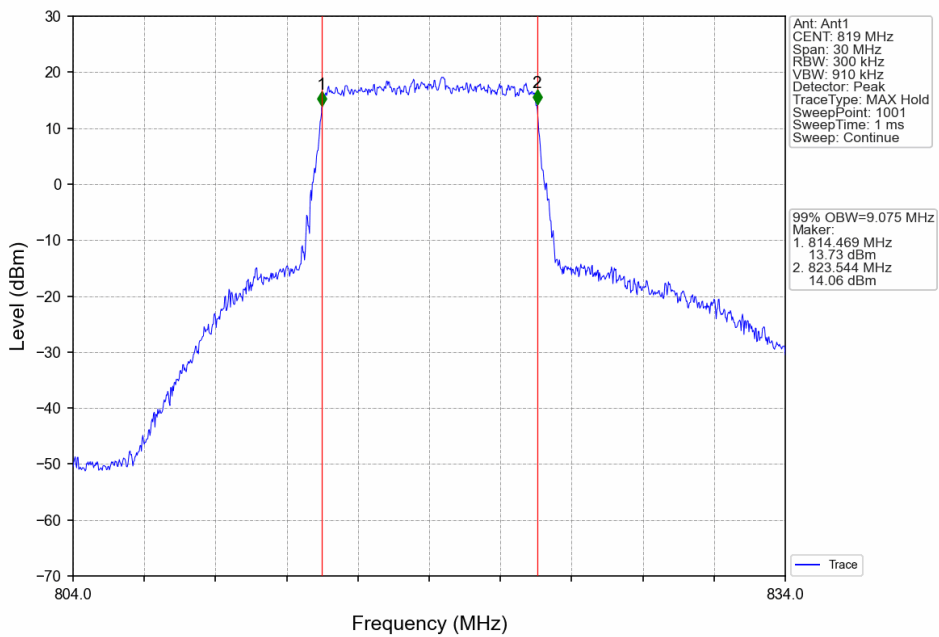
Band26a\_5MHz\_16QAM\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



Band26a\_10MHz\_QPSK\_MCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_MCH\_819MHz\_RB\_50\_0\_NTNV

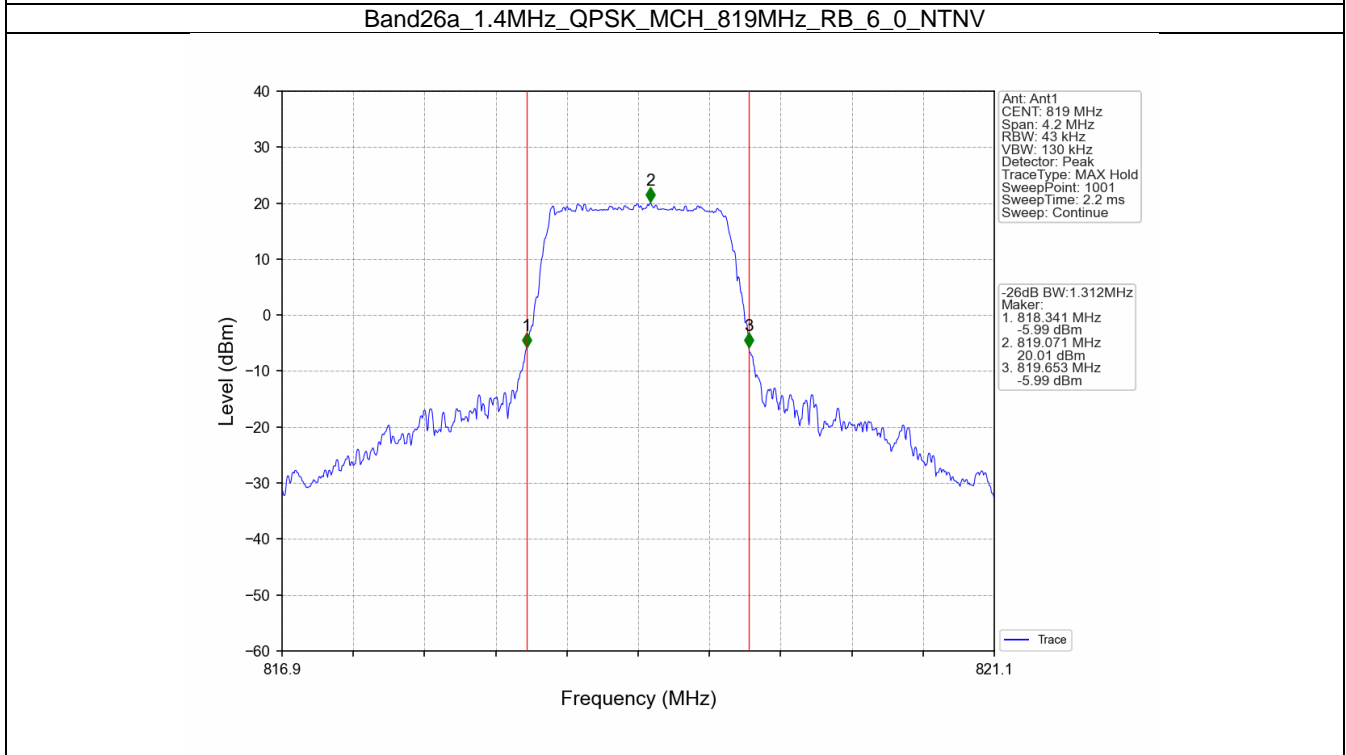
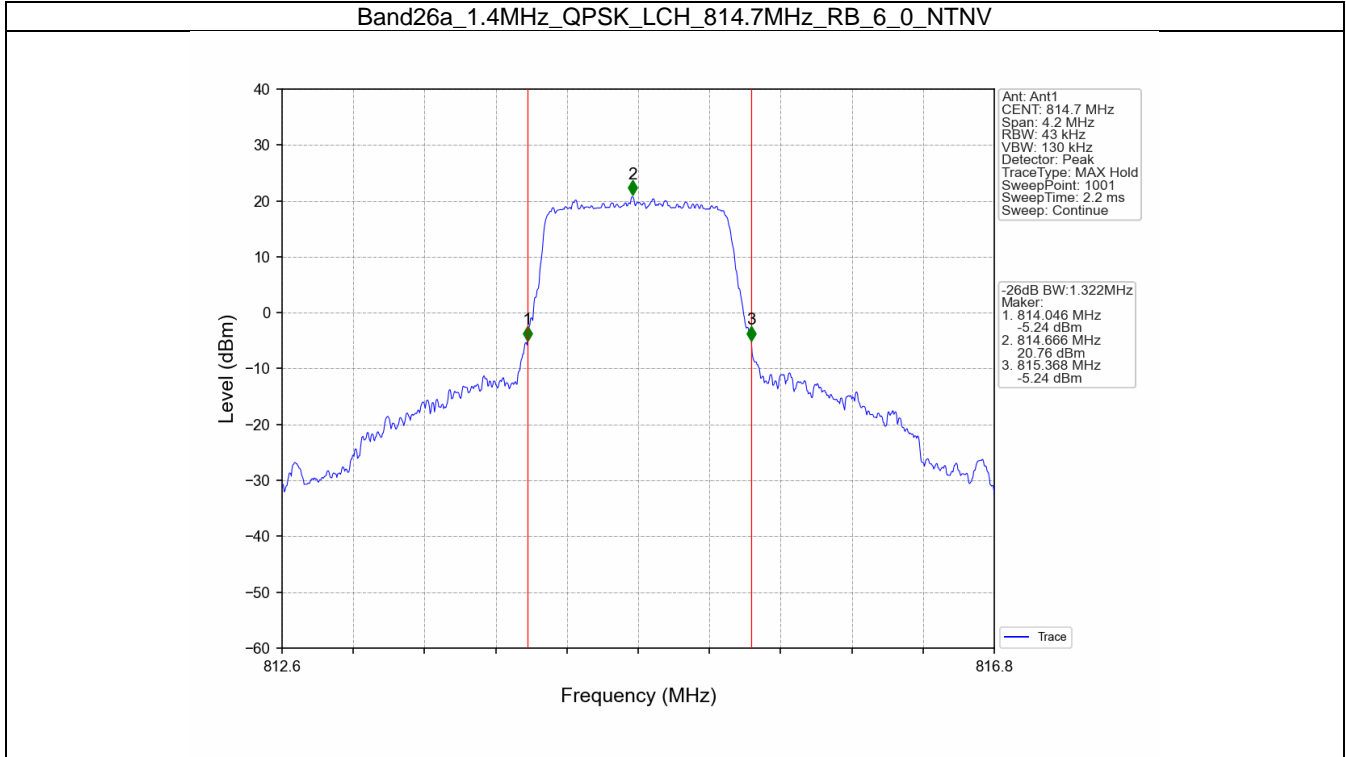


4.2 Band26a\_XDB

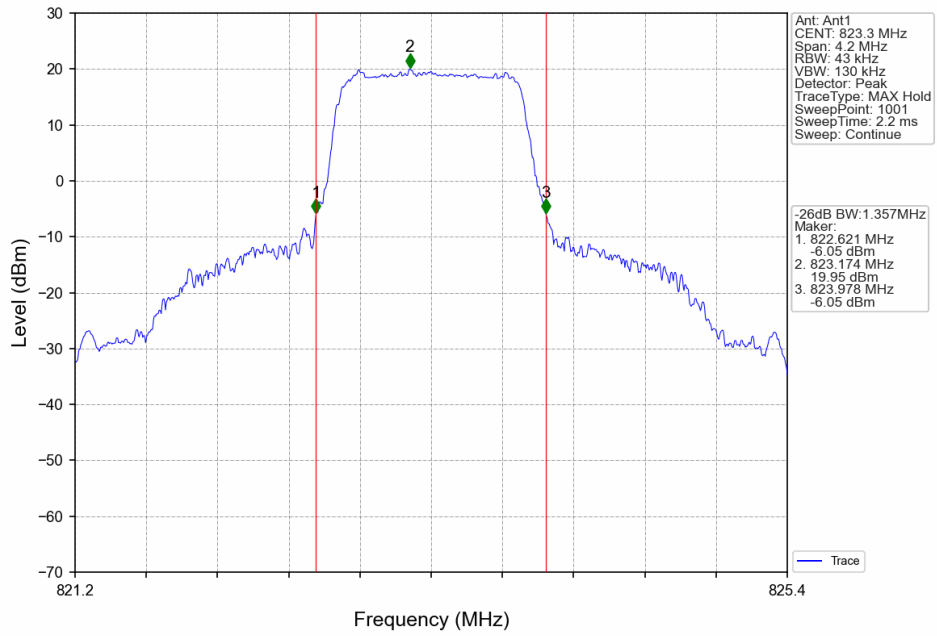
4.2.1 Test Result

Band: 26a / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.322	Pass
		819	6	0	1.312	Pass
		823.3	6	0	1.357	Pass
	16QAM	814.7	6	0	1.326	Pass
		819	6	0	1.306	Pass
		823.3	6	0	1.306	Pass
3	QPSK	815.5	15	0	2.992	Pass
		819	15	0	2.992	Pass
		822.5	15	0	3.014	Pass
	16QAM	815.5	15	0	2.999	Pass
		819	15	0	2.990	Pass
		822.5	15	0	2.979	Pass
5	QPSK	816.5	25	0	5.283	Pass
		819	25	0	5.258	Pass
		821.5	25	0	5.286	Pass
	16QAM	816.5	25	0	5.266	Pass
		819	25	0	5.318	Pass
		821.5	25	0	5.193	Pass
10	QPSK	819	50	0	10.201	Pass
	16QAM	819	50	0	10.309	Pass

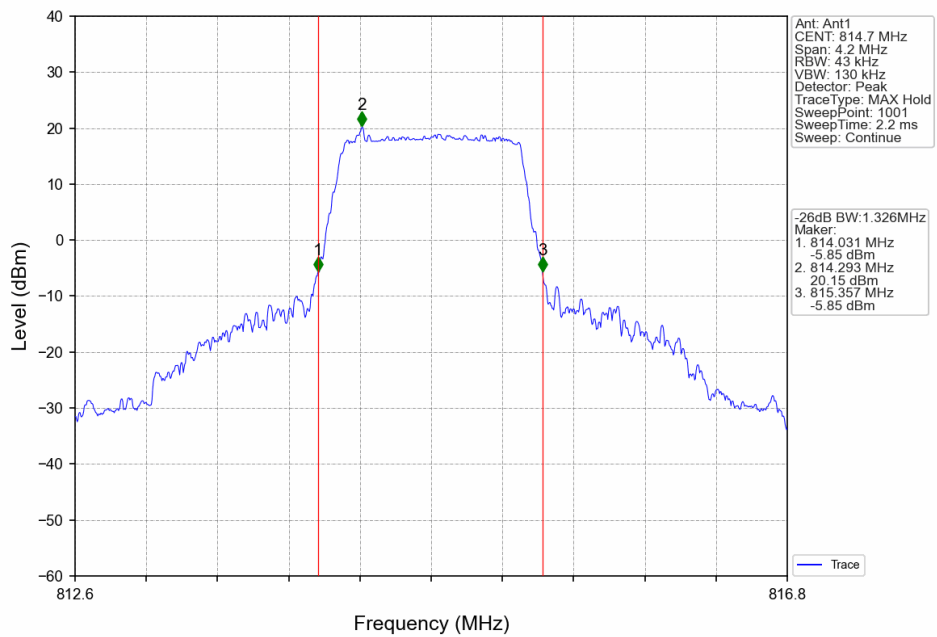
4.2.2 Test Graph



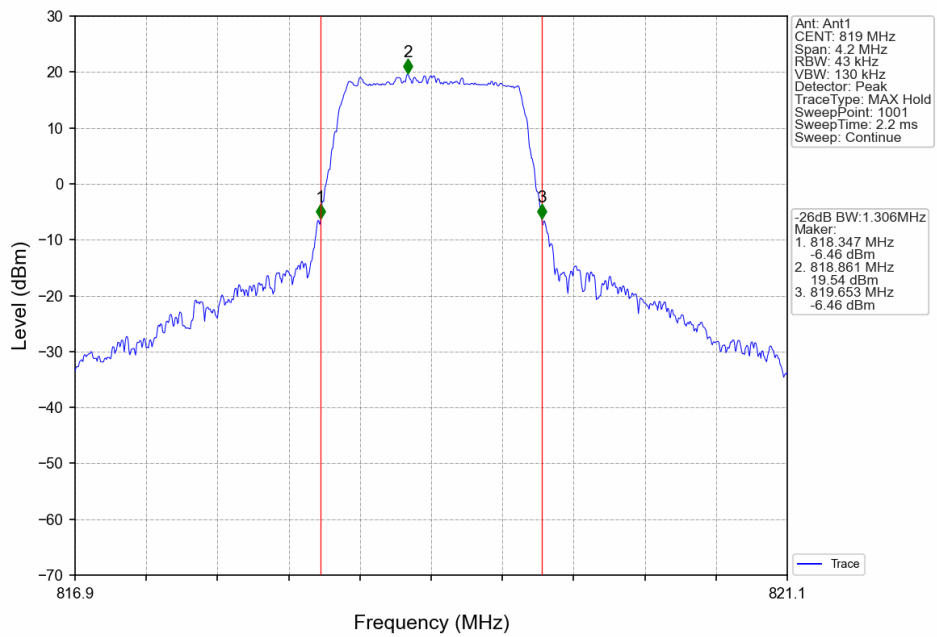
Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



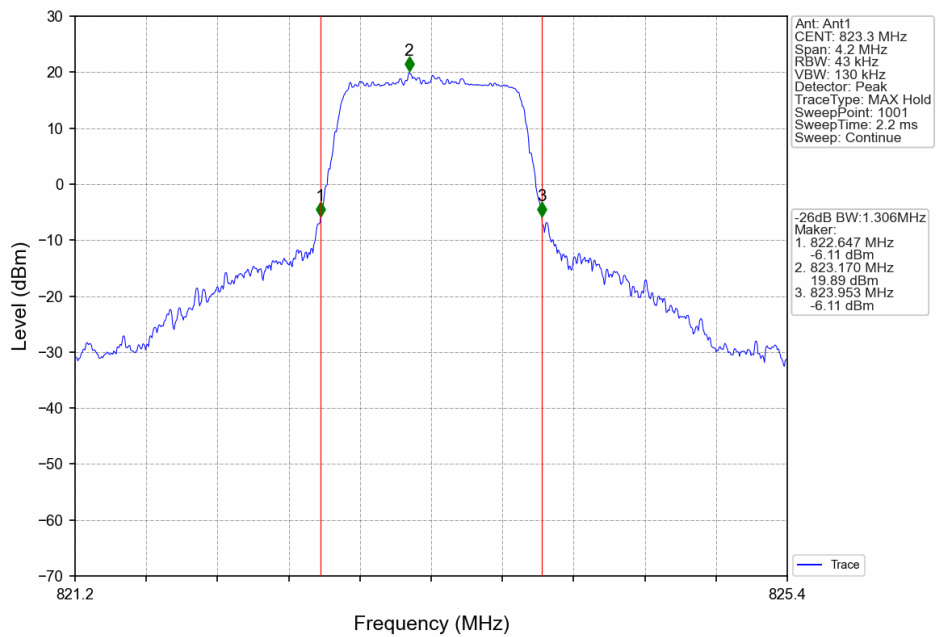
Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



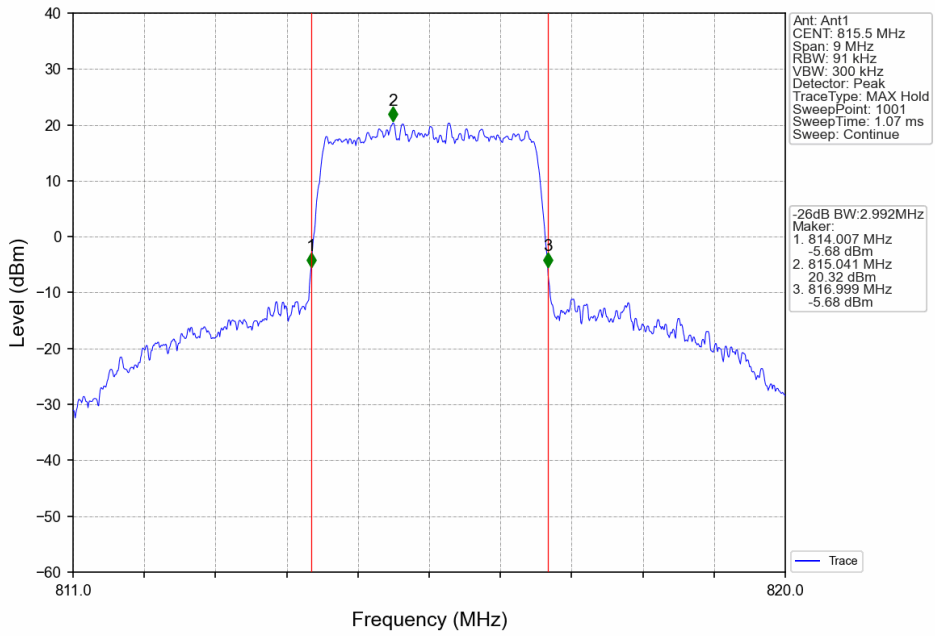
Band26a\_1.4MHz\_16QAM\_MCH\_819MHz\_RB\_6\_0\_NTNV



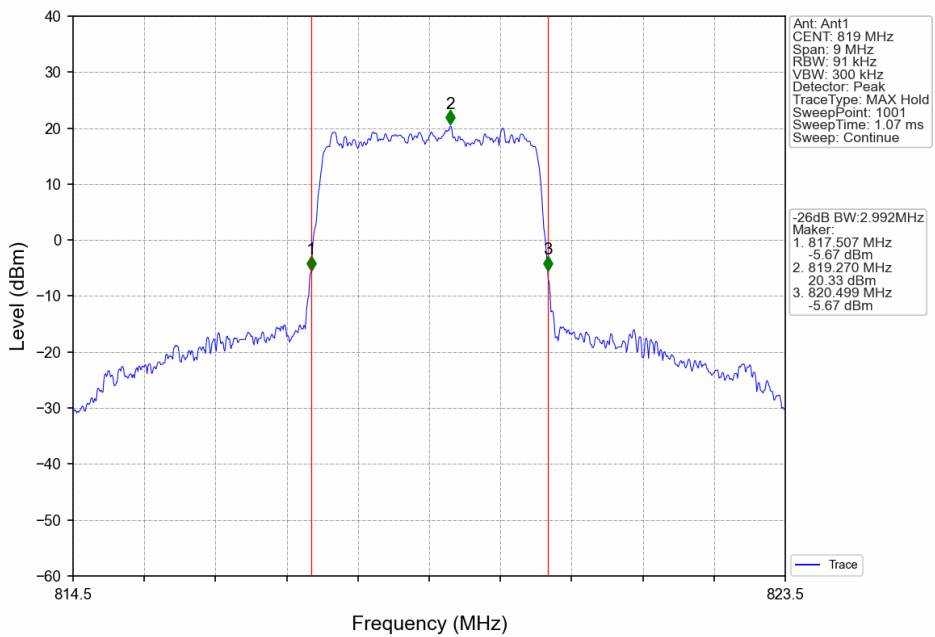
Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



Band26a\_3MHz\_QPSK\_LCH\_815.5MHz\_RB\_15\_0\_NTNV

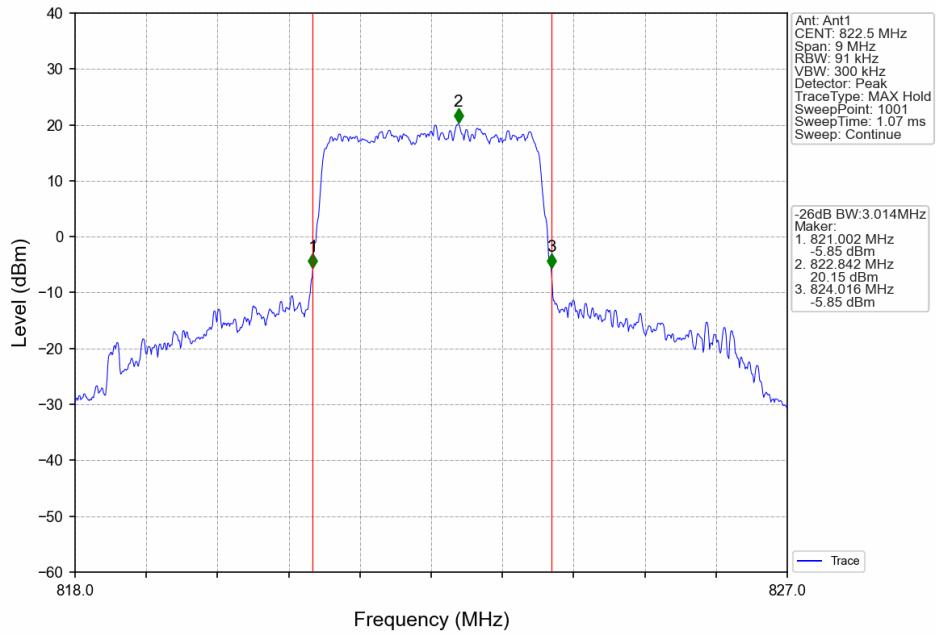


Band26a\_3MHz\_QPSK\_MCH\_819MHz\_RB\_15\_0\_NTNV

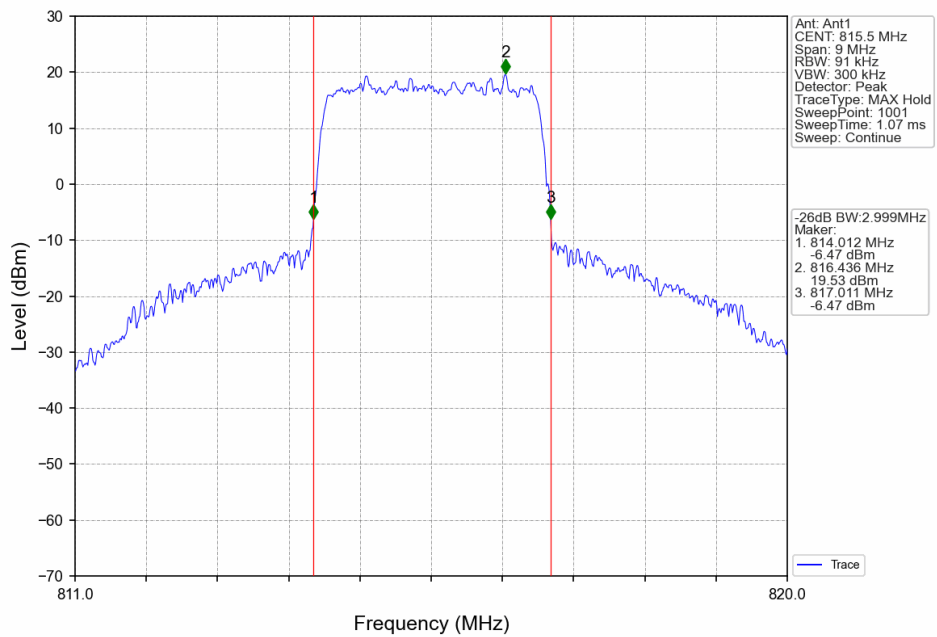




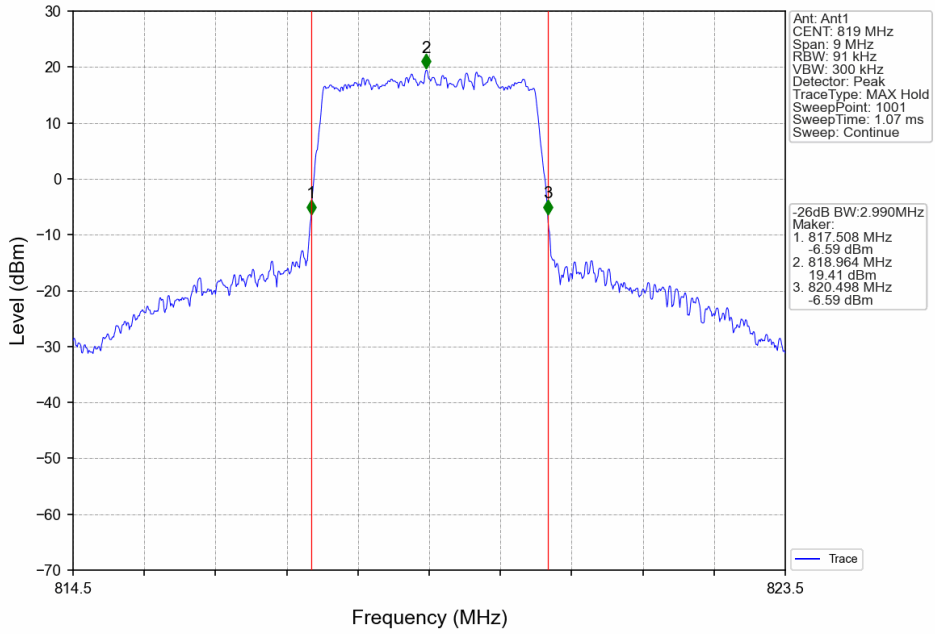
Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



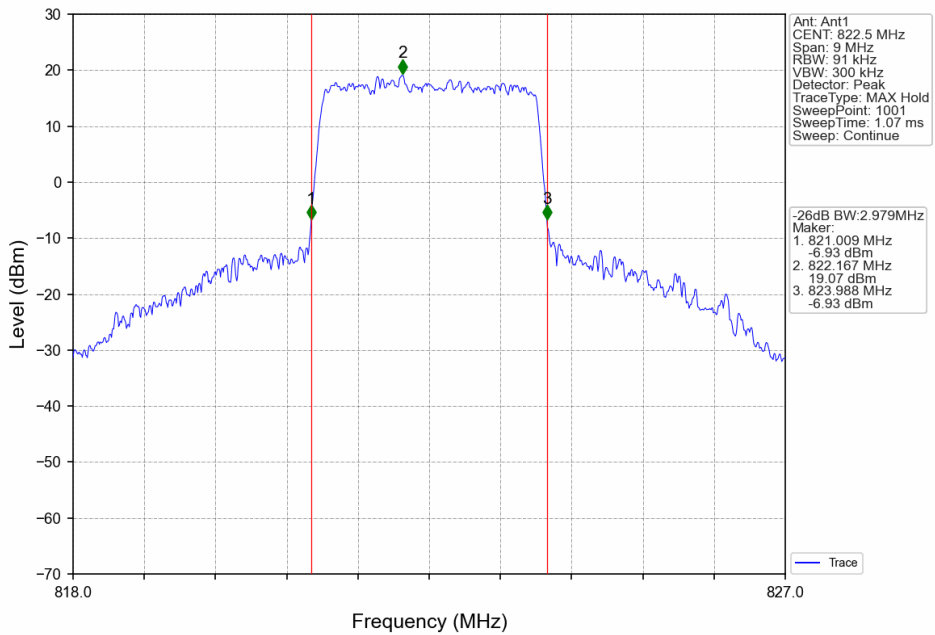
Band26a\_3MHz\_16QAM\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



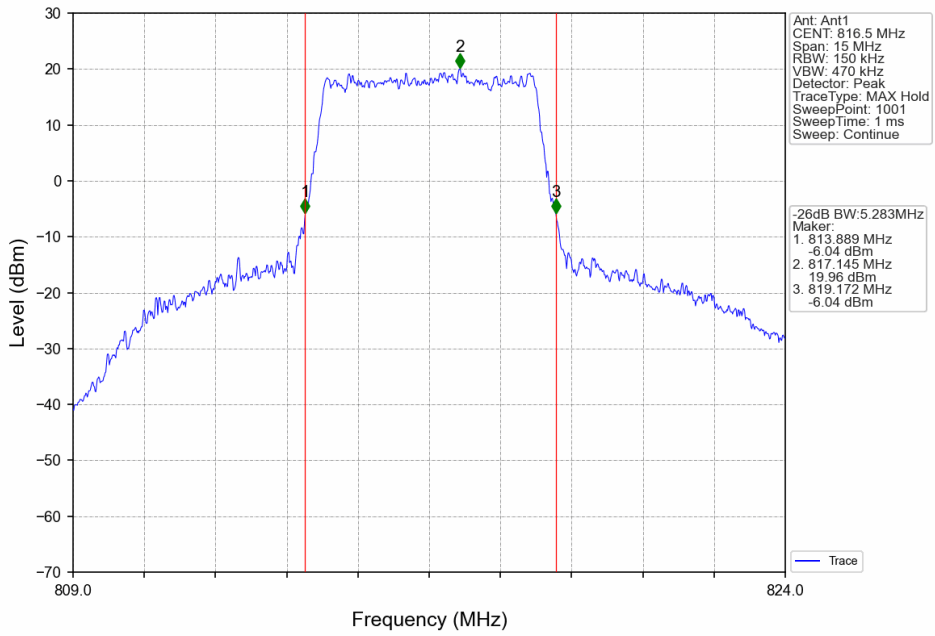
Band26a\_3MHz\_16QAM\_MCH\_819MHz\_RB\_15\_0\_NTNV



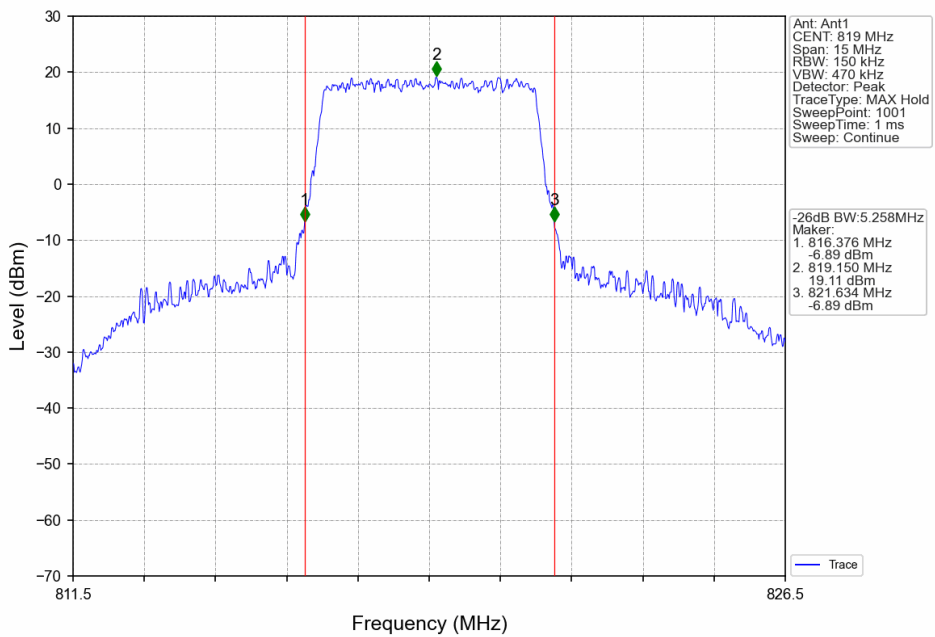
Band26a\_3MHz\_16QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



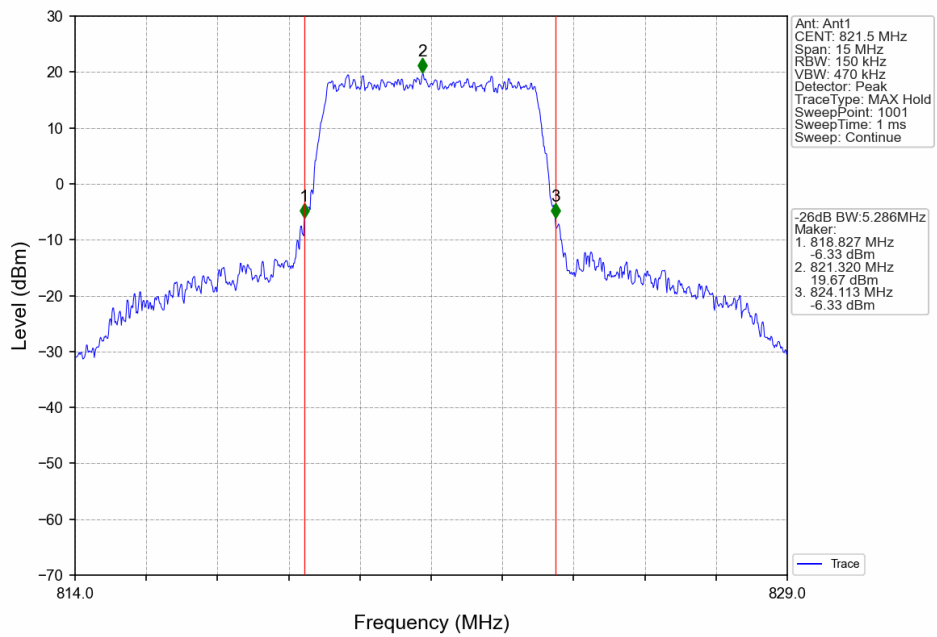
Band26a\_5MHz\_QPSK\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



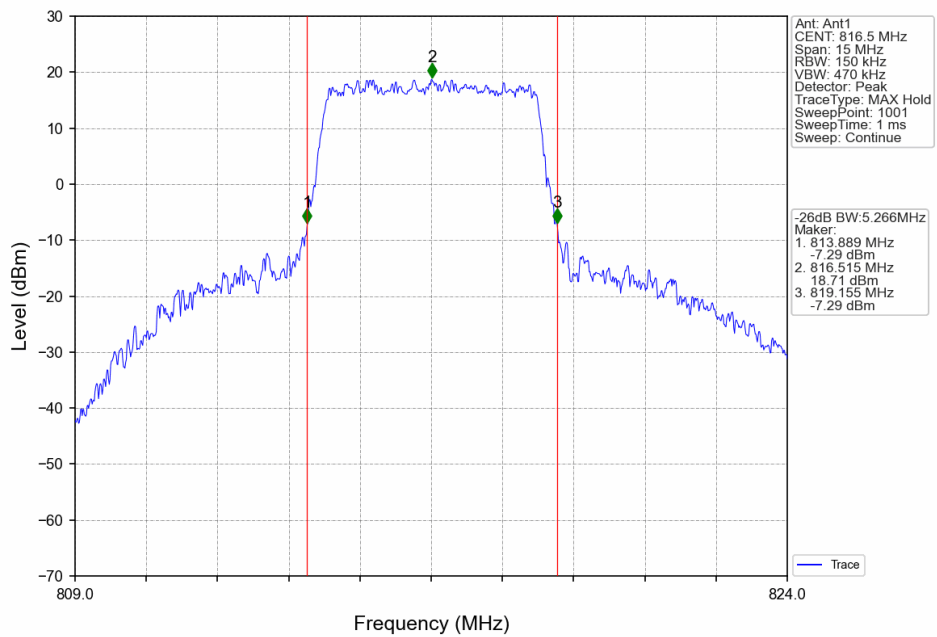
Band26a\_5MHz\_QPSK\_MCH\_819MHz\_RB\_25\_0\_NTNV



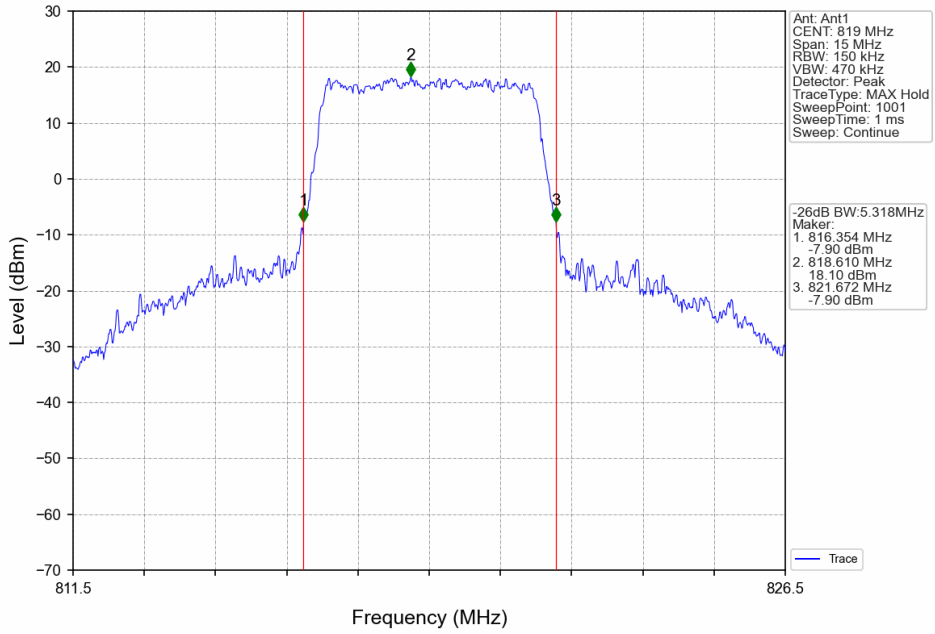
Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



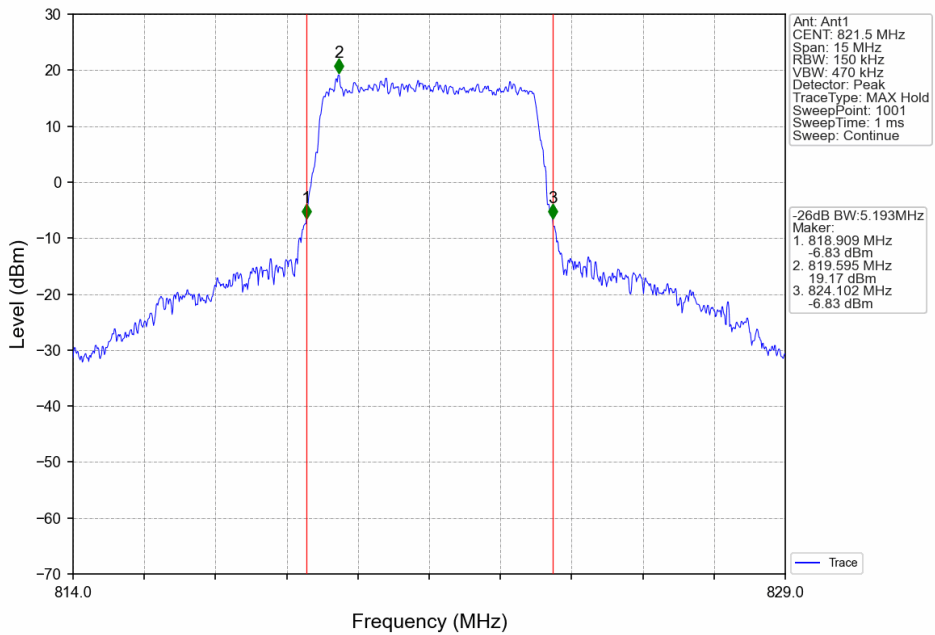
Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



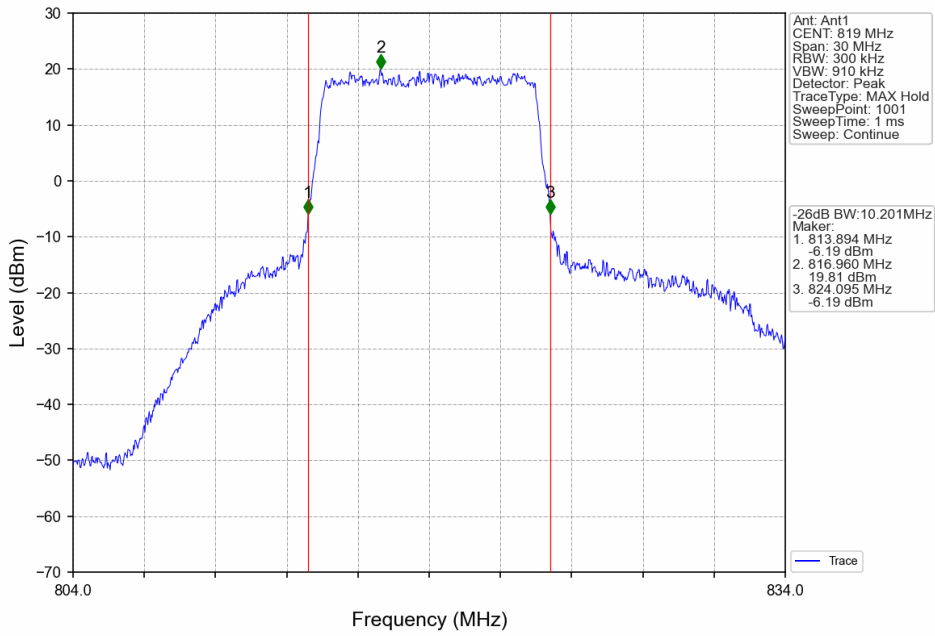
Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



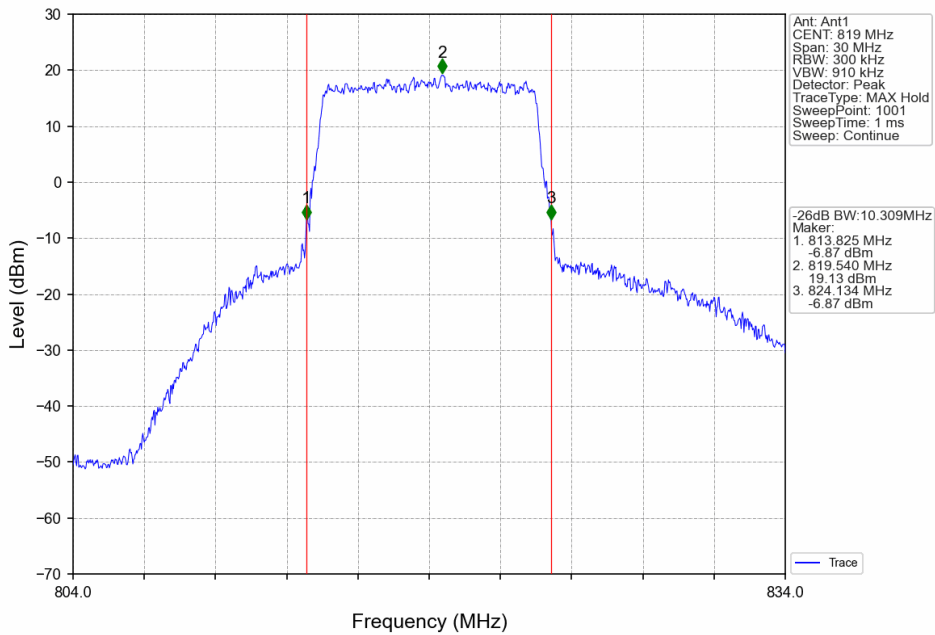
Band26a\_5MHz\_16QAM\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



Band26a\_10MHz\_QPSK\_MCH\_819MHz\_RB\_50\_0\_NTNV



Band26a\_10MHz\_16QAM\_MCH\_819MHz\_RB\_50\_0\_NTNV



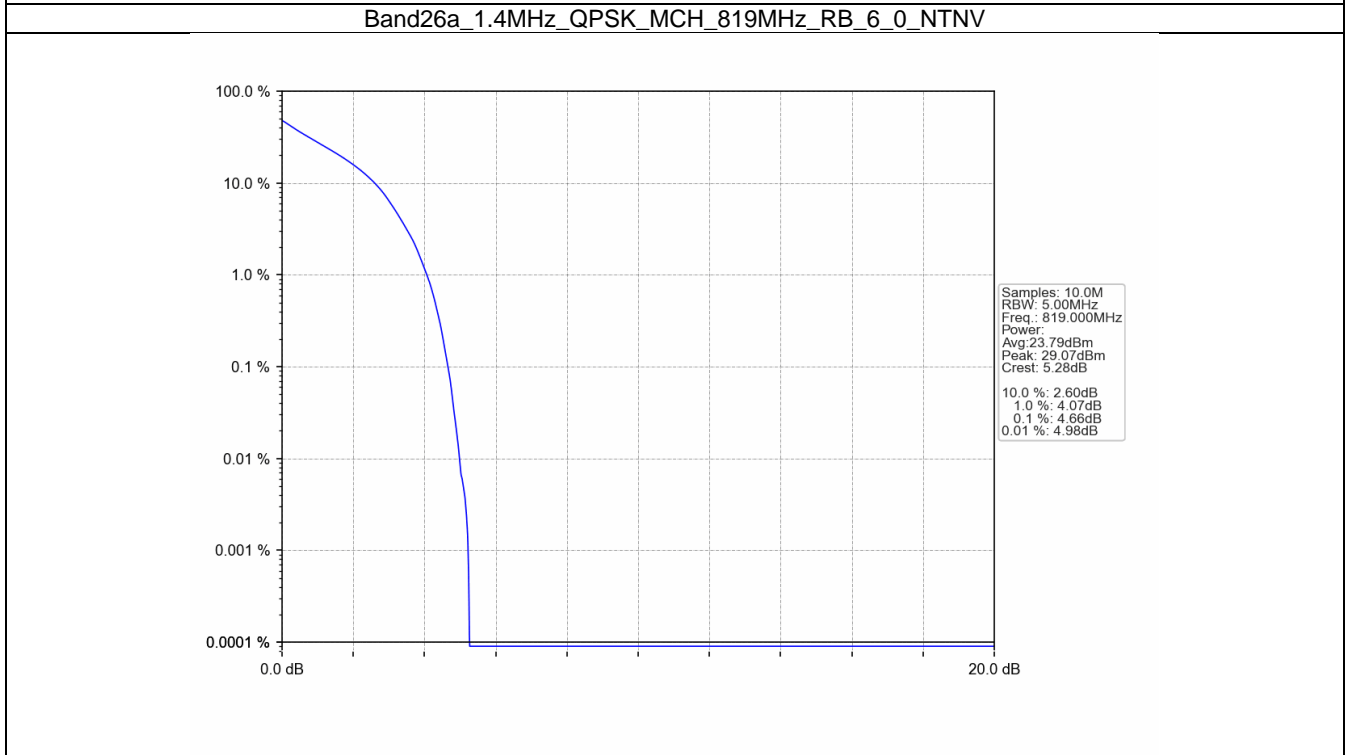
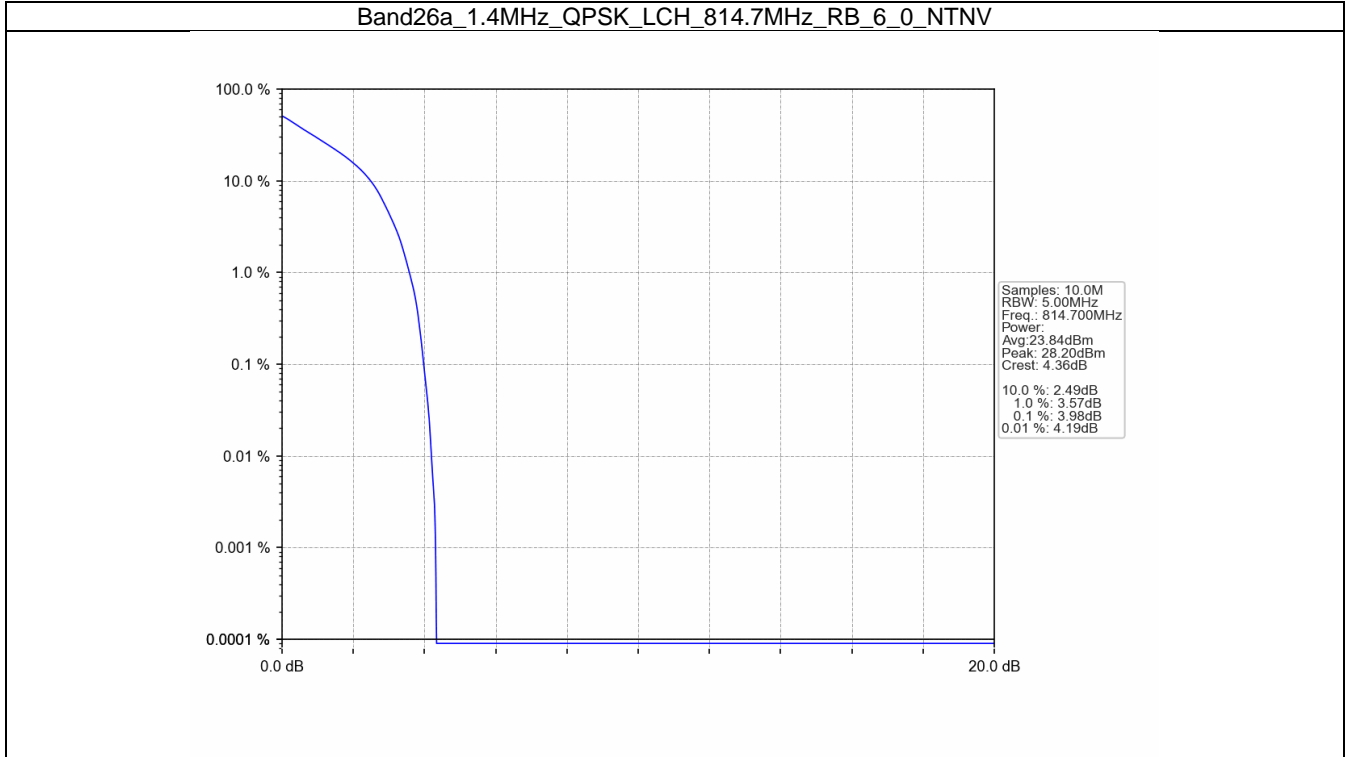
## 5. Peak-Average Ratio

### 5.1 B26a\_1.4MHz

#### 5.1.1 Test Result

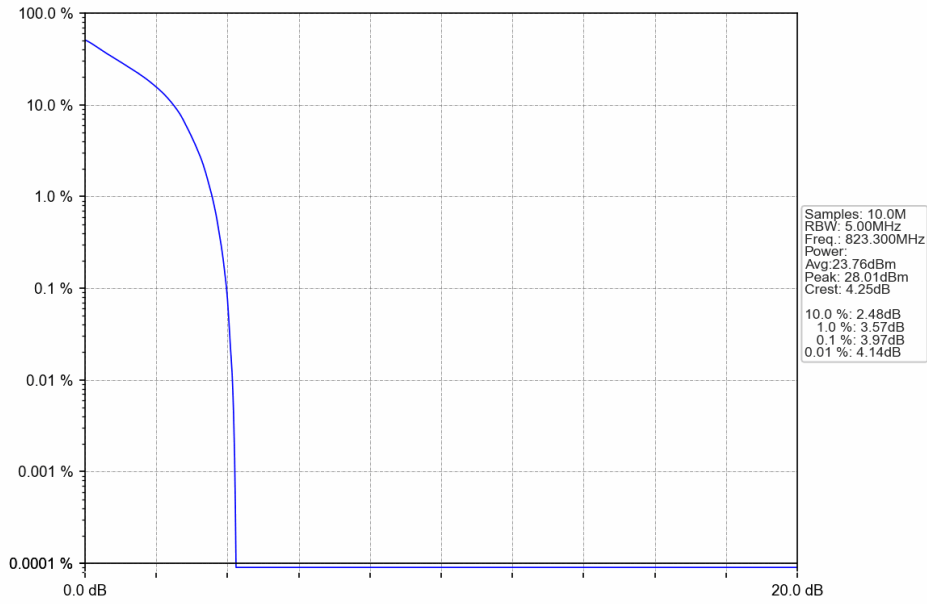
Band: 26a / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	3.98	<=13	Pass
	819	6	0	4.66	<=13	Pass
	823.3	6	0	3.97	<=13	Pass
16QAM	814.7	6	0	4.88	<=13	Pass
	819	6	0	5.49	<=13	Pass
	823.3	6	0	4.83	<=13	Pass

5.1.2 Test Graph

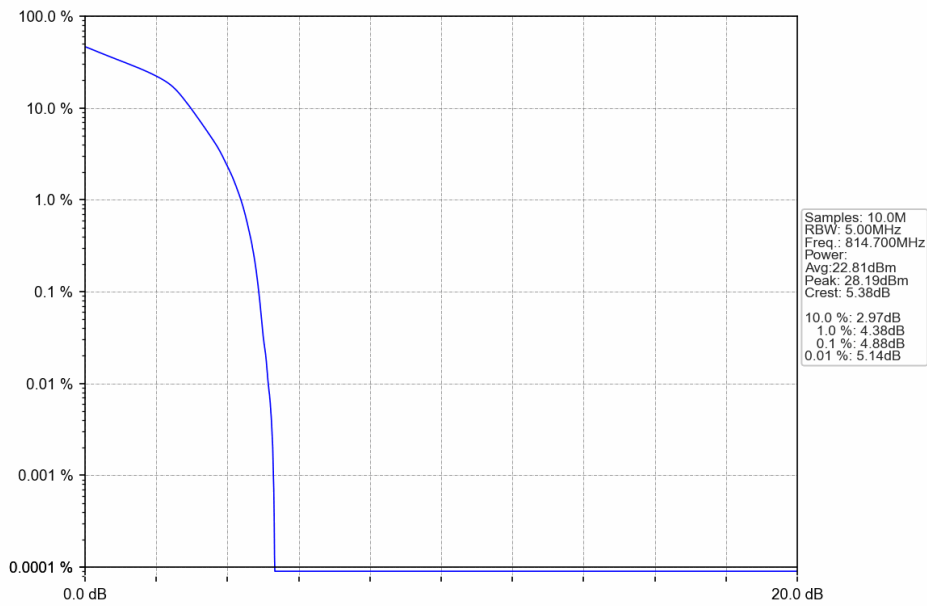




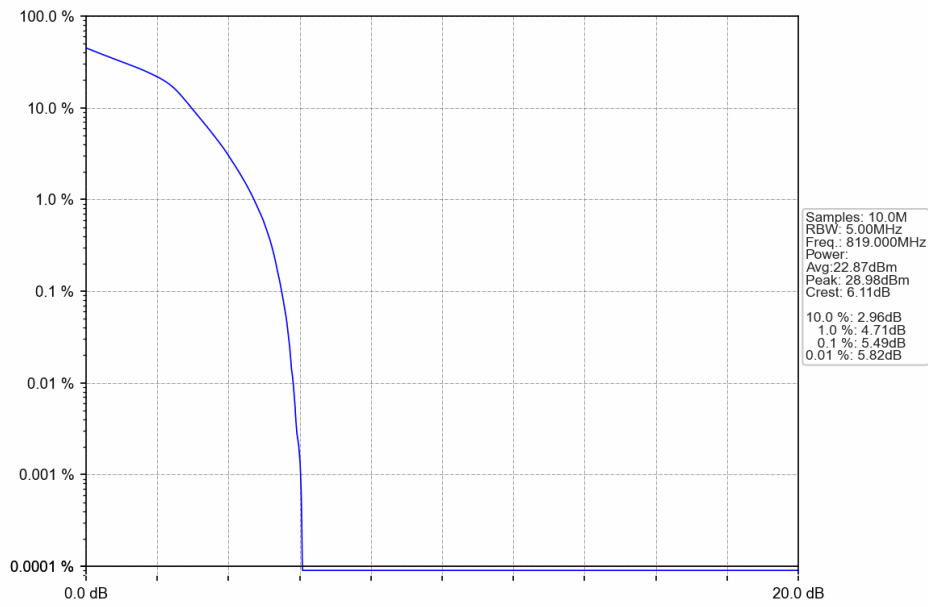
Band26a\_1.4MHz\_QPSK\_HCH\_823.3MHz\_RB\_6\_0\_NTNV



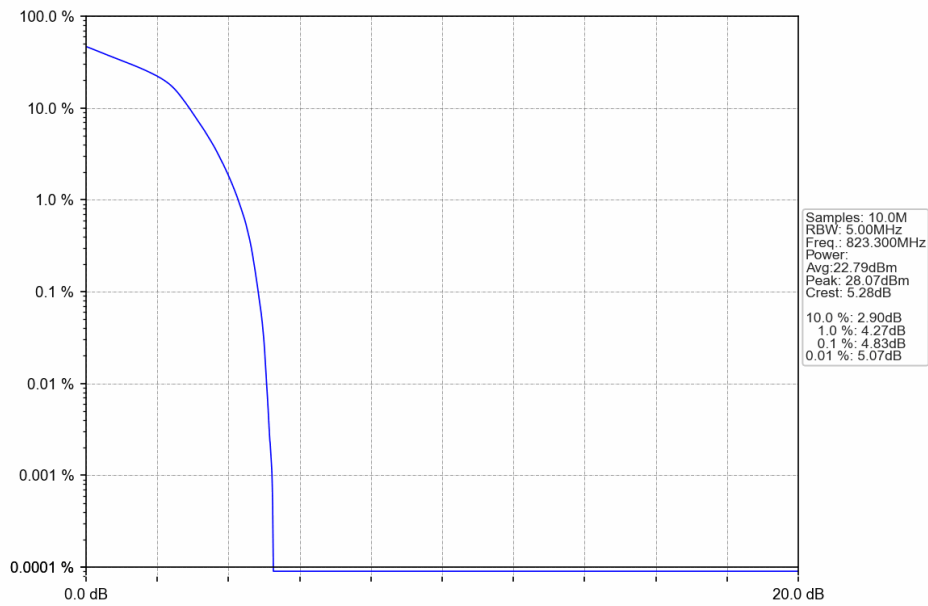
Band26a\_1.4MHz\_16QAM\_LCH\_814.7MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_MCH\_819MHz\_RB\_6\_0\_NTNV



Band26a\_1.4MHz\_16QAM\_HCH\_823.3MHz\_RB\_6\_0\_NTNV

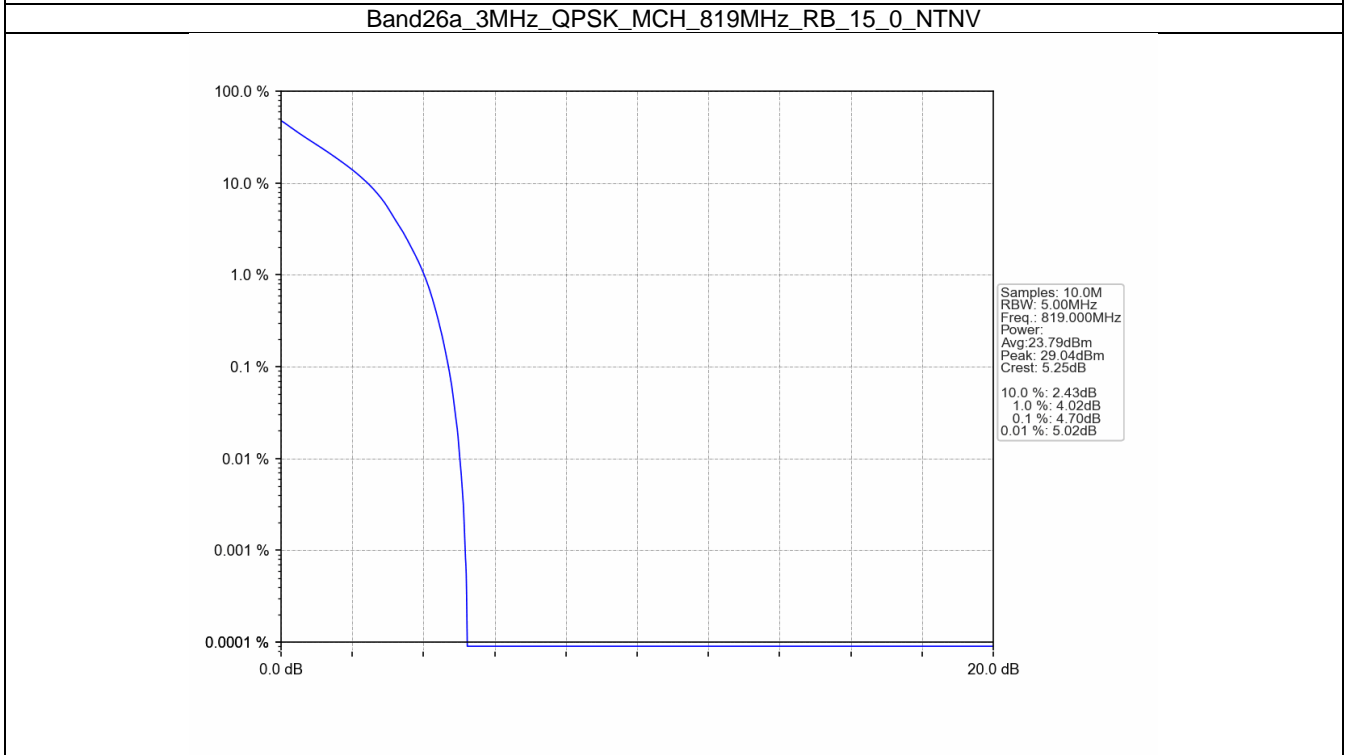
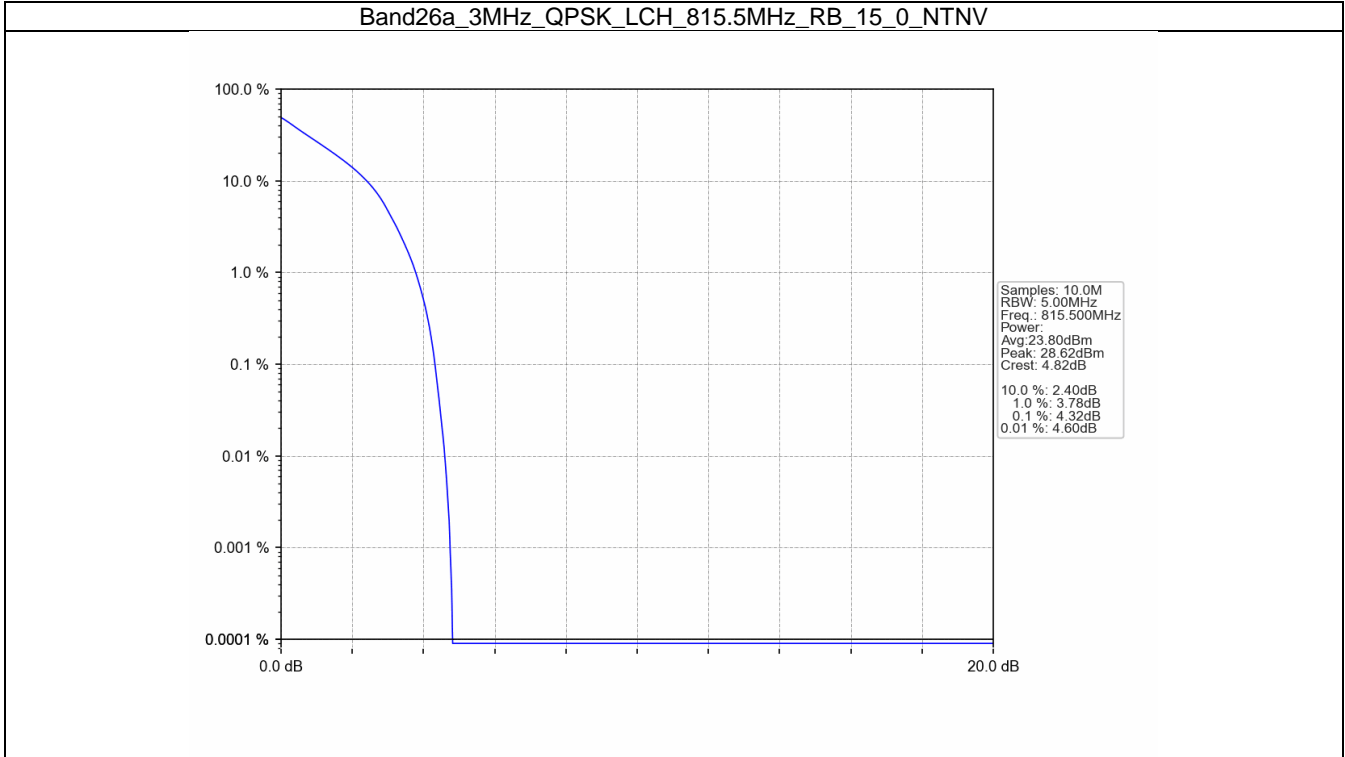


5.2 B26a\_3MHz

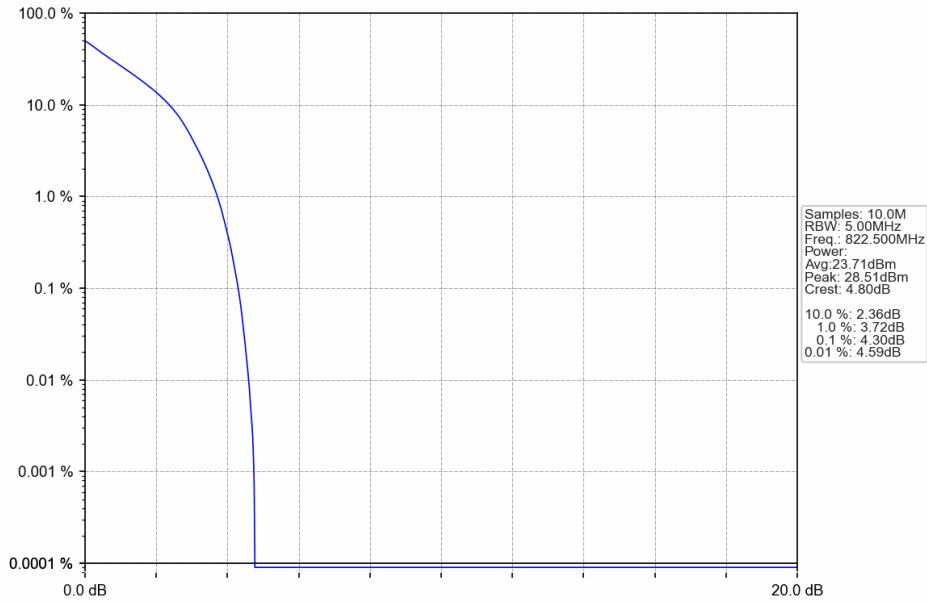
5.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	4.32	<=13	Pass
	819	15	0	4.70	<=13	Pass
	822.5	15	0	4.30	<=13	Pass
16QAM	815.5	15	0	5.14	<=13	Pass
	819	15	0	5.53	<=13	Pass
	822.5	15	0	5.14	<=13	Pass

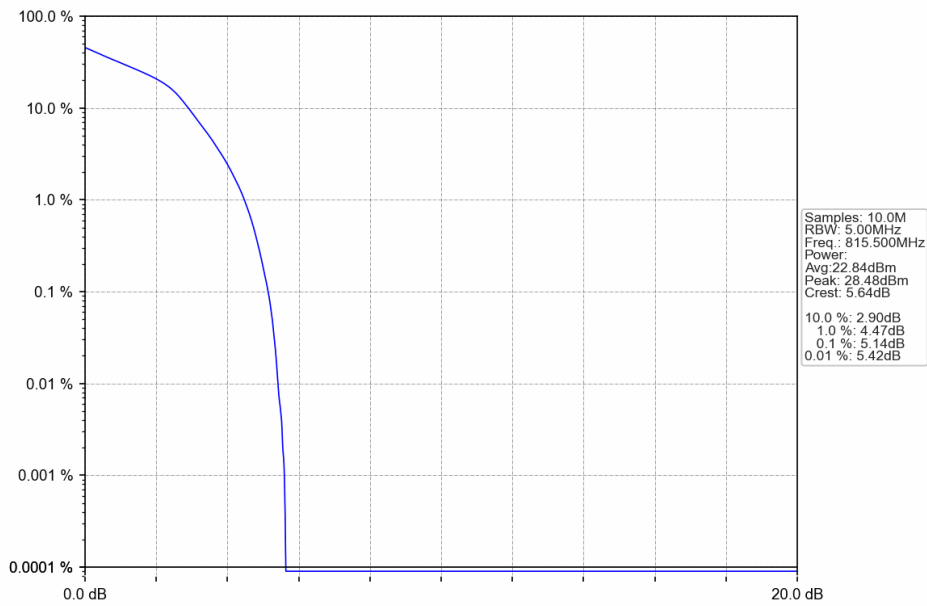
5.2.2 Test Graph



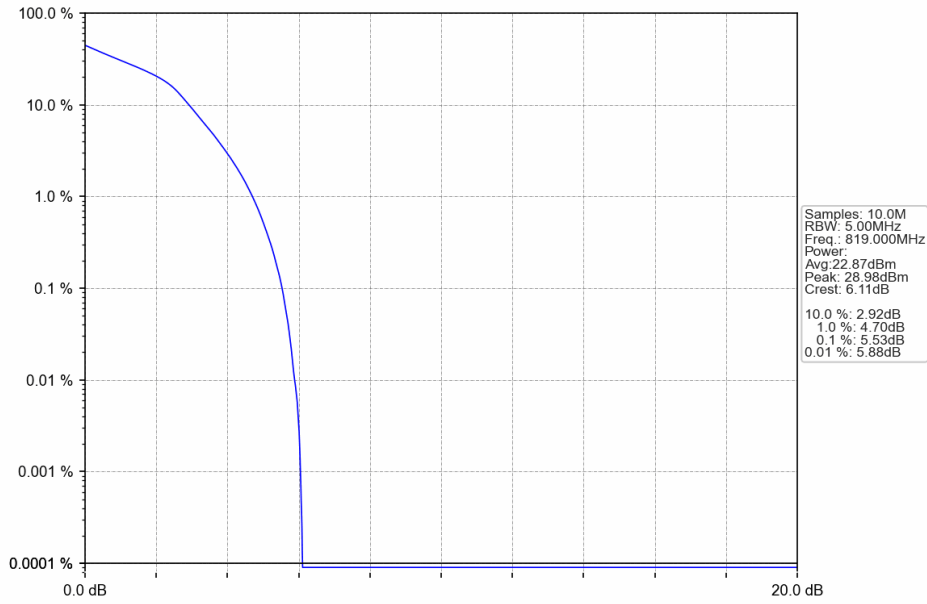
Band26a\_3MHz\_QPSK\_HCH\_822.5MHz\_RB\_15\_0\_NTNV



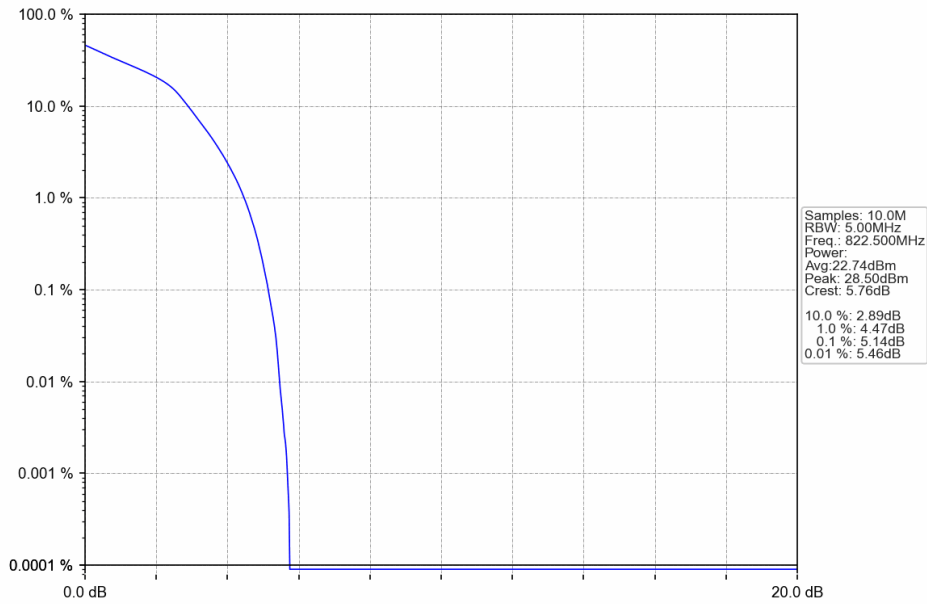
Band26a\_3MHz\_16QAM\_LCH\_815.5MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_16QAM\_MCH\_819MHz\_RB\_15\_0\_NTNV



Band26a\_3MHz\_16QAM\_HCH\_822.5MHz\_RB\_15\_0\_NTNV

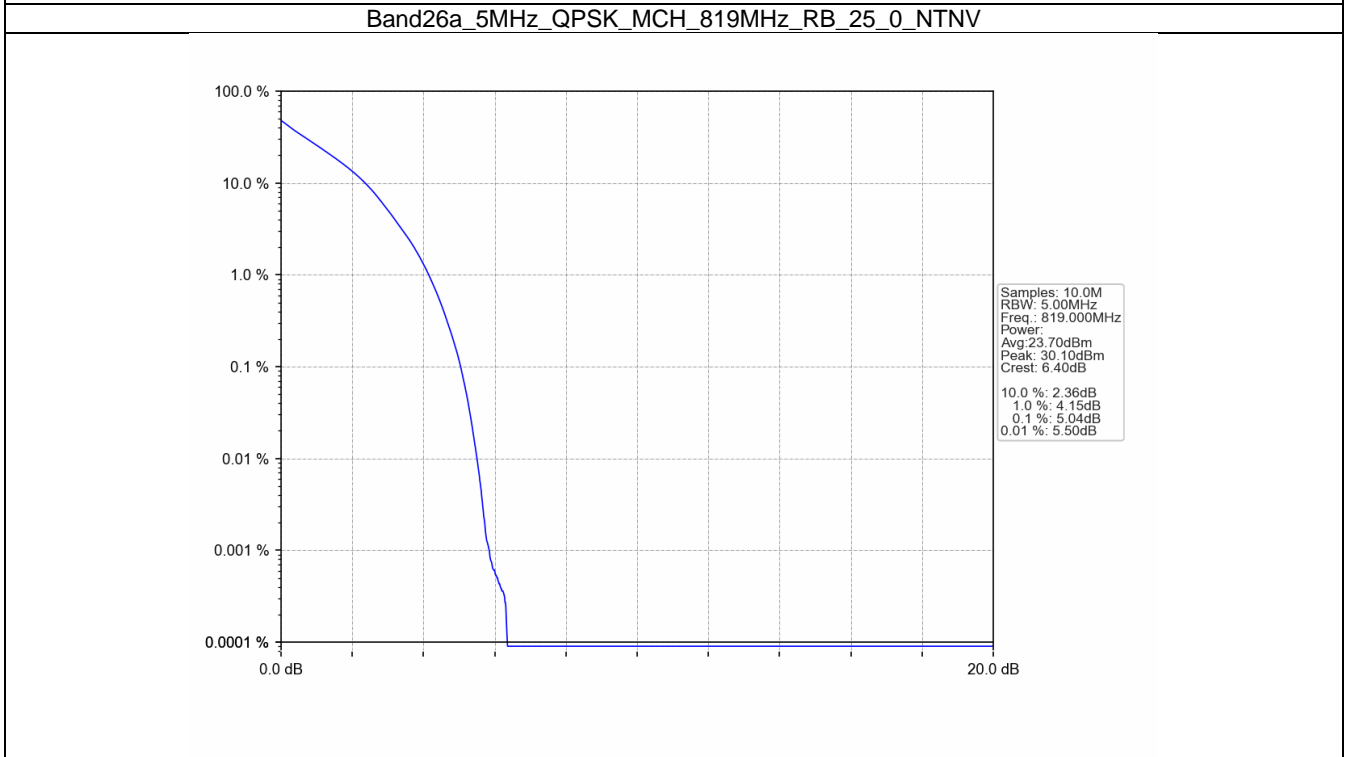
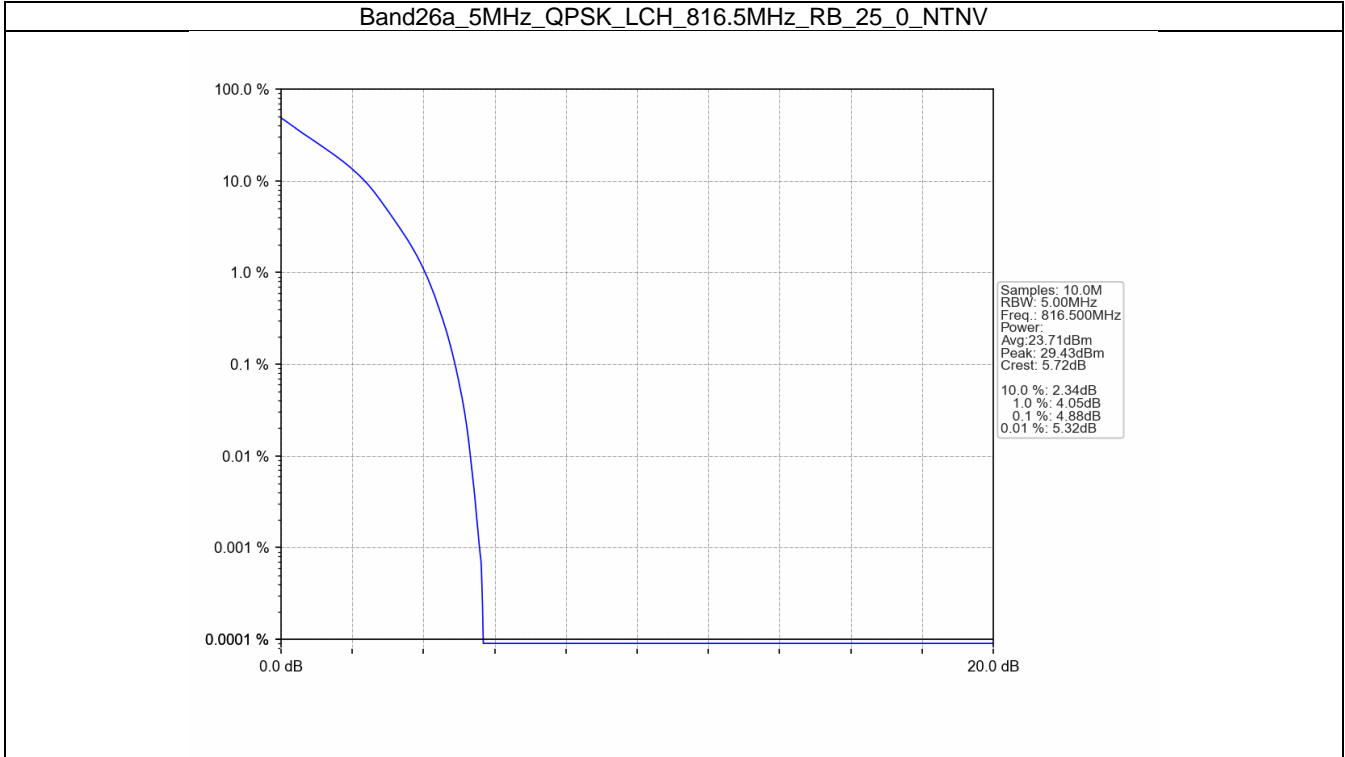


5.3 B26a\_5MHz

5.3.1 Test Result

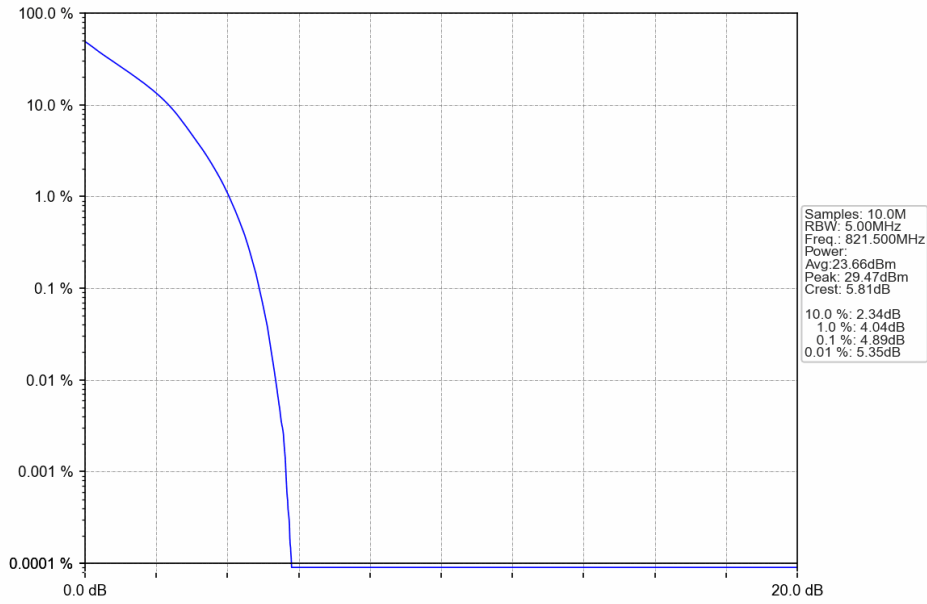
Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	4.88	<=13	Pass
	819	25	0	5.04	<=13	Pass
	821.5	25	0	4.89	<=13	Pass
16QAM	816.5	25	0	5.59	<=13	Pass
	819	25	0	5.74	<=13	Pass
	821.5	25	0	5.61	<=13	Pass

5.3.2 Test Graph

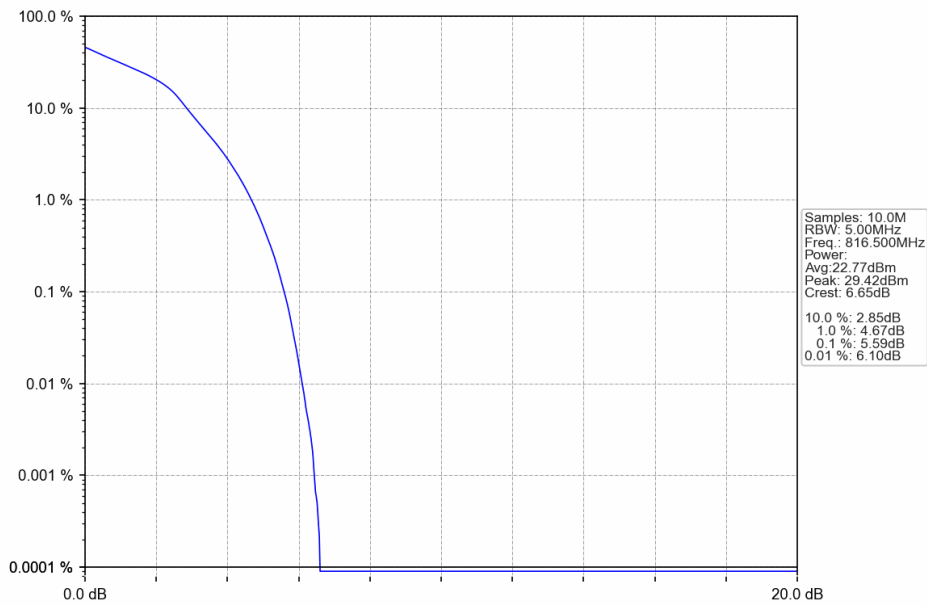




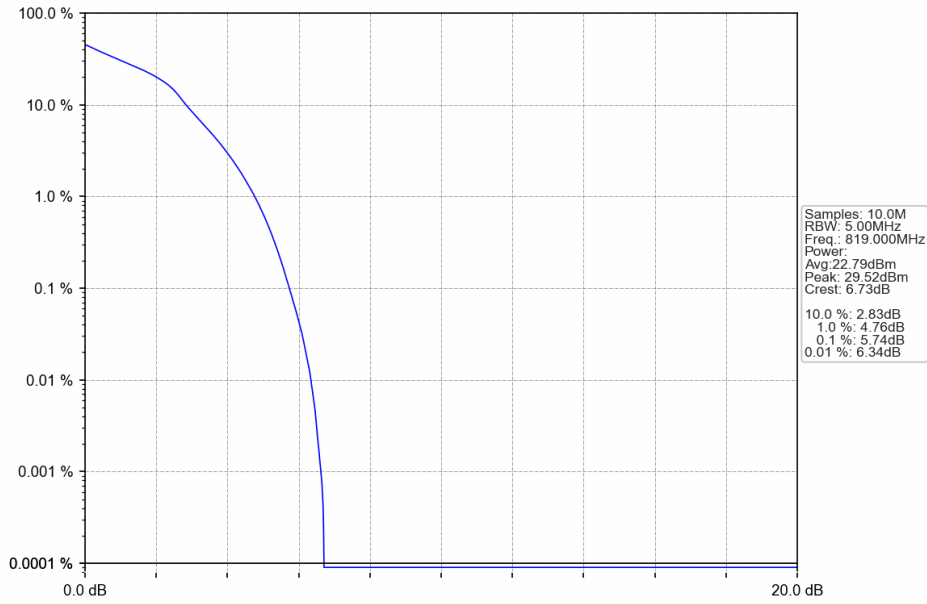
Band26a\_5MHz\_QPSK\_HCH\_821.5MHz\_RB\_25\_0\_NTNV



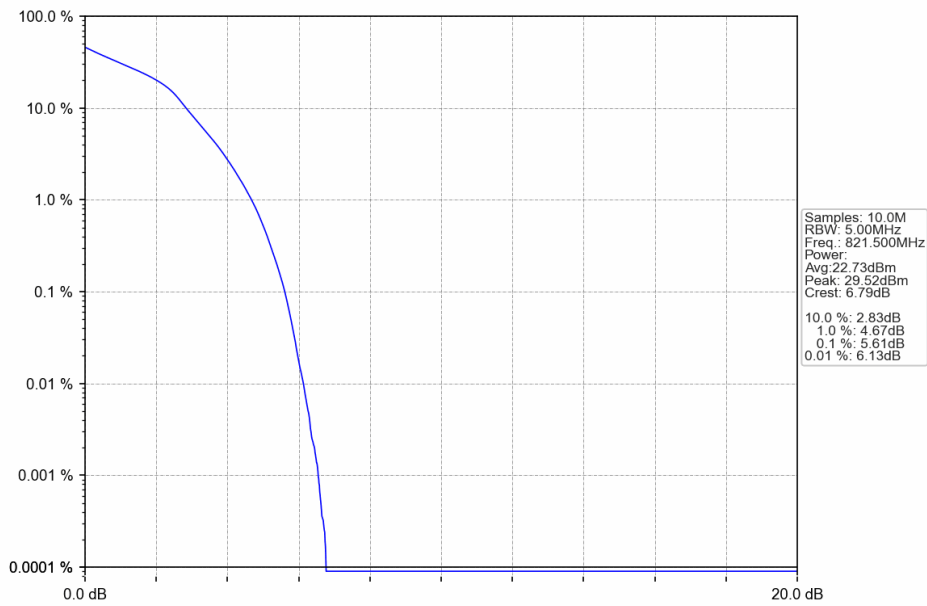
Band26a\_5MHz\_16QAM\_LCH\_816.5MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_16QAM\_MCH\_819MHz\_RB\_25\_0\_NTNV



Band26a\_5MHz\_16QAM\_HCH\_821.5MHz\_RB\_25\_0\_NTNV

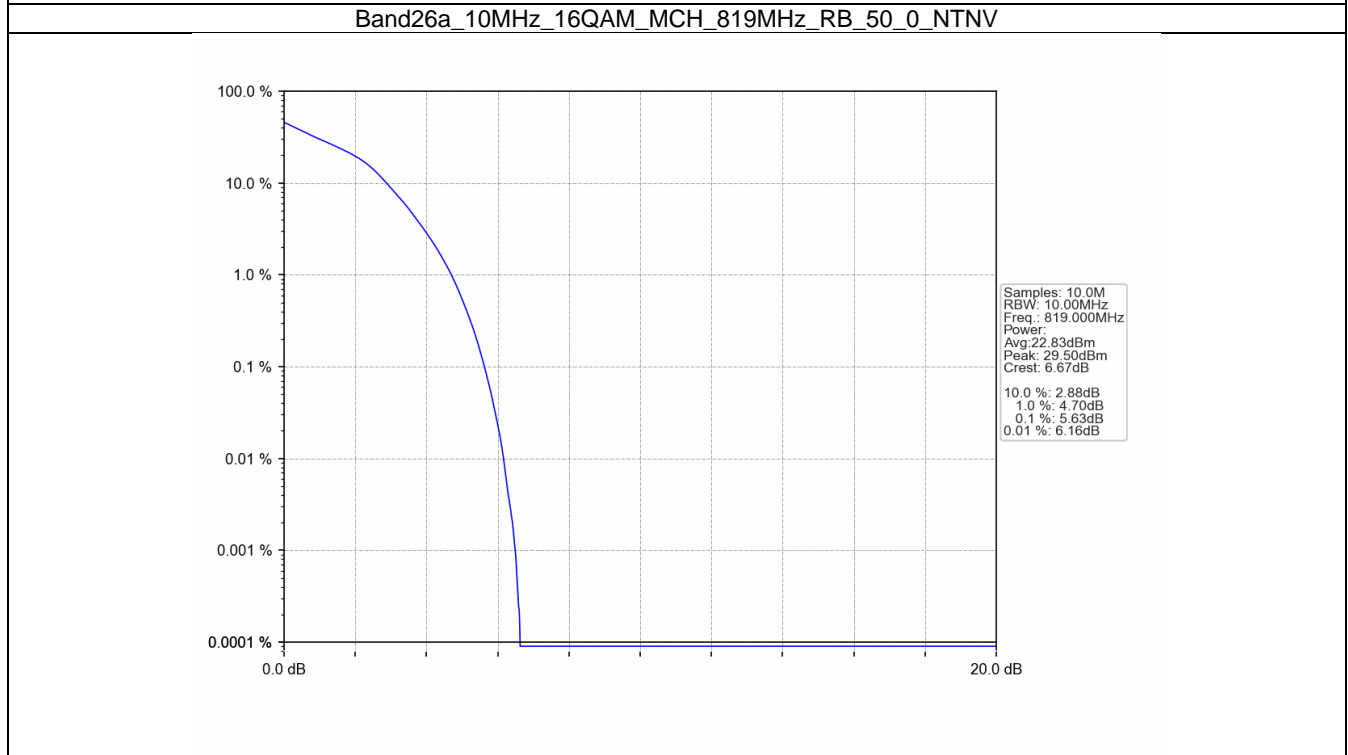
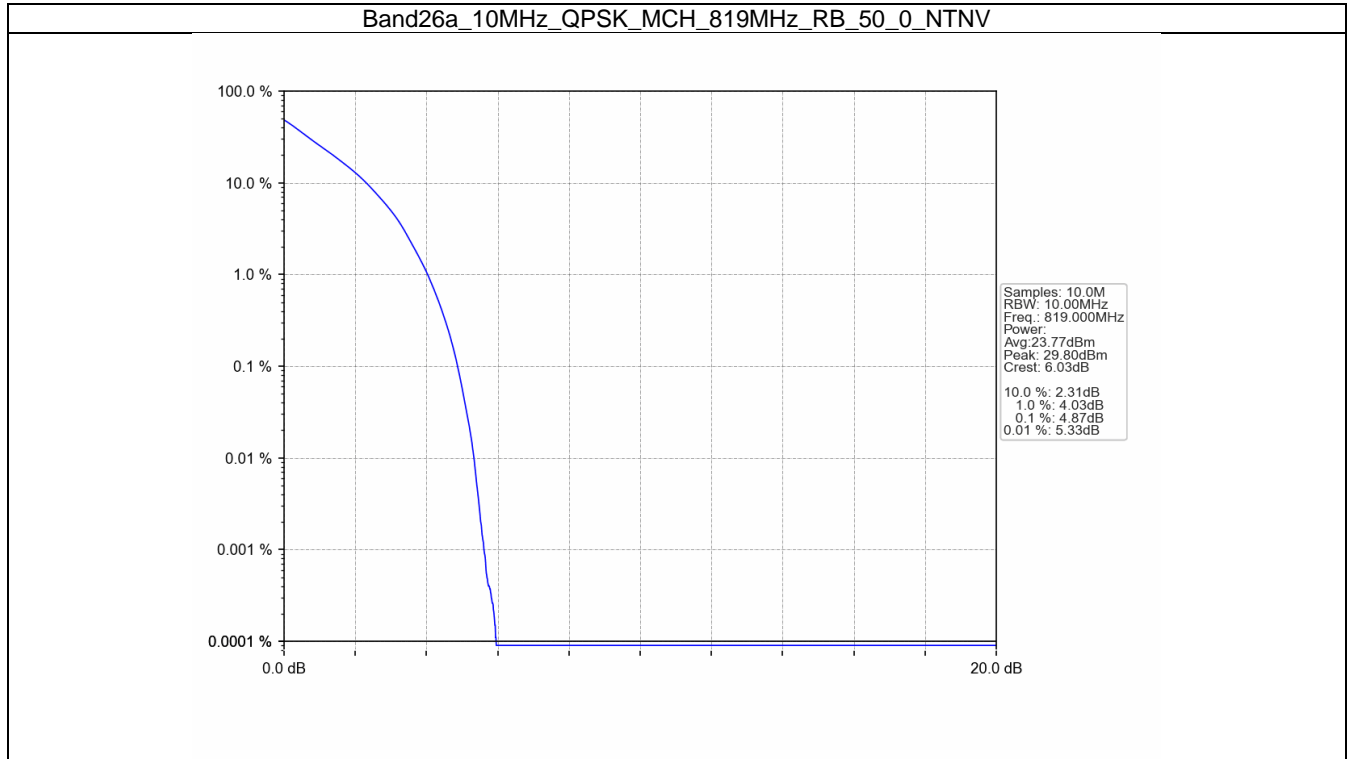


5.4 B26a\_10MHz

5.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	4.87	<=13	Pass
16QAM	819	50	0	5.63	<=13	Pass

5.4.2 Test Graph



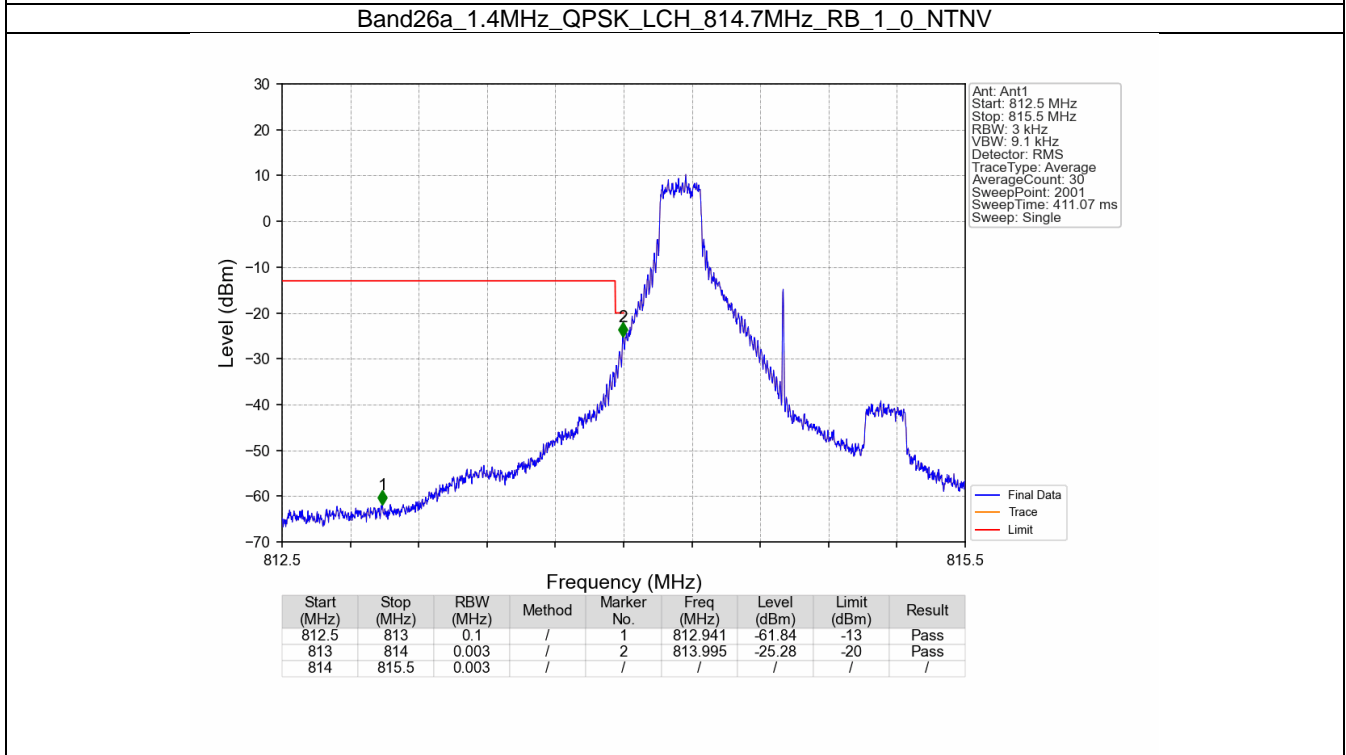
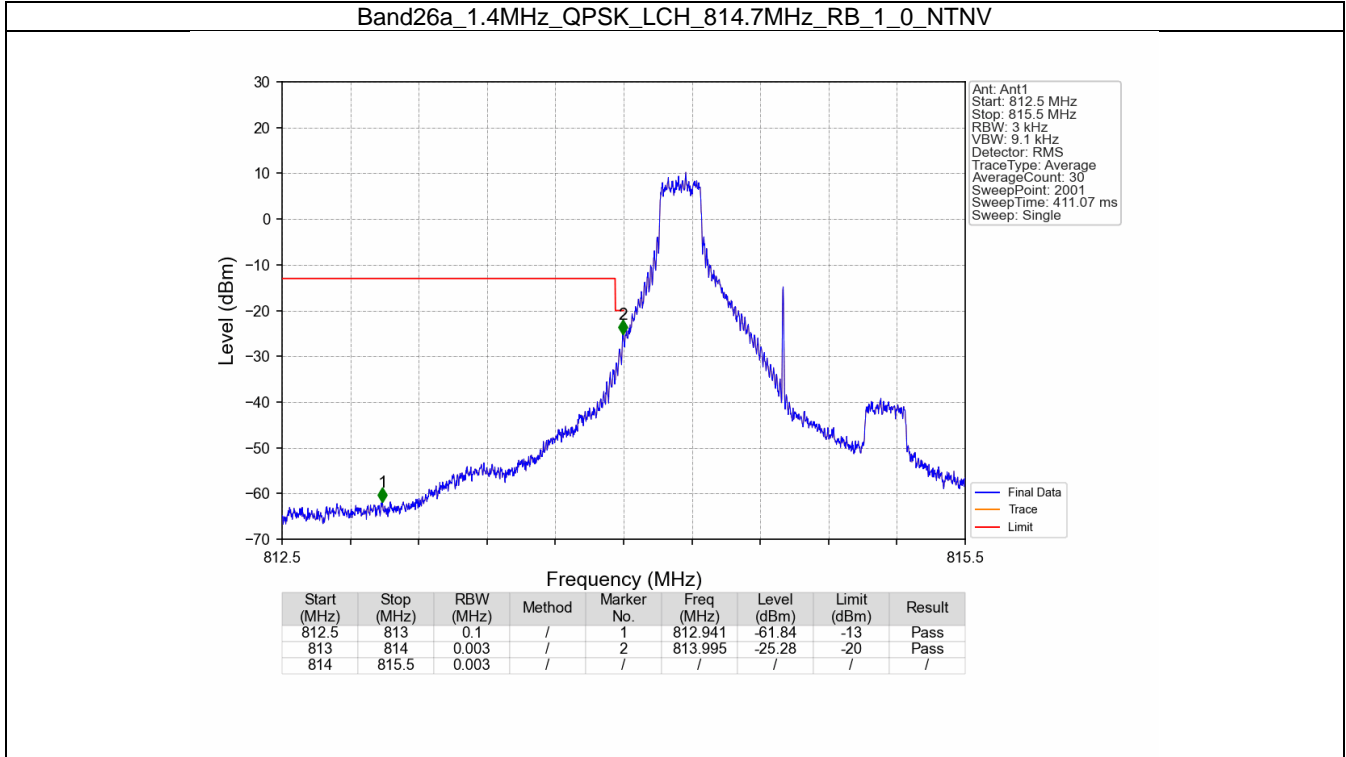
## 6. Spurious Emission

### 6.1 B26a\_1.4MHz

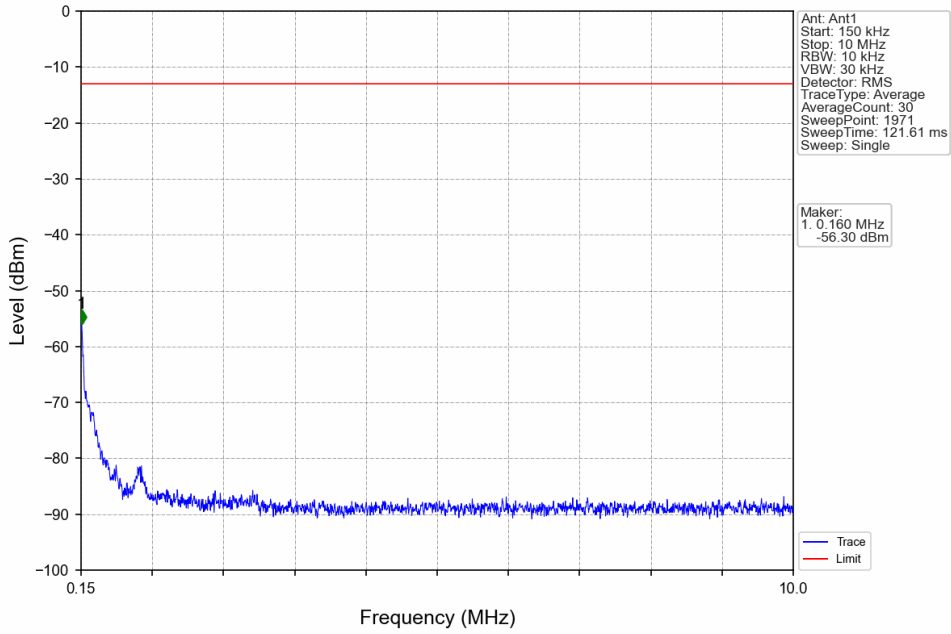
#### 6.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 Test Graph



Band26a\_1.4MHz\_QPSK\_LCH\_814.7MHz\_RB\_1\_0\_NTNV



Band26a\_1.4MHz\_QPSK\_LCH\_814.7MHz\_RB\_1\_0\_NTNV

