1.Transmitter Conducted Power Output

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	24.21	1.32	23.38	<=38.45	Pass
			2	24.19	1.32	23.36	<=38.45	Pass
			5	24.21	1.32	23.38	<=38.45	Pass
		3	0	24.16	1.32	23.33	<=38.45	Pass
			2	24.21	1.32	23.38	<=38.45	Pass
			3	24.16	1.32	23.33	<=38.45	Pass
		6	0	23.17	1.32	22.34	<=38.45	Pass
	819	1	0	24.21	1.32	23.38	<=38.45	Pass
			2	24.23	1.32	23.40	<=38.45	Pass
			5	24.21	1.32	23.38	<=38.45	Pass
		3	0	24.18	1.32	23.35	<=38.45	Pass
			2	24.23	1.32	23.40	<=38.45	Pass
			3	24.20	1.32	23.37	<=38.45	Pass
		6	0	23.16	1.32	22.33	<=38.45	Pass
	823.3	1	0	24.18	1.32	23.35	<=38.45	Pass
			2	24.24	1.32	23.41	<=38.45	Pass
			5	24.25	1.32	23.42	<=38.45	Pass
		3	0	24.20	1.32	23.37	<=38.45	Pass
			2	24.18	1.32	23.35	<=38.45	Pass
			3	24.15	1.32	23.32	<=38.45	Pass
		6	0	23.18	1.32	22.35	<=38.45	Pass
16QAM	814.7	1	0	23.45	1.32	22.62	<=38.45	Pass
			2	23.40	1.32	22.57	<=38.45	Pass
			5	23.34	1.32	22.51	<=38.45	Pass
		3	0	23.27	1.32	22.44	<=38.45	Pass
			2	23.31	1.32	22.48	<=38.45	Pass
			3	23.25	1.32	22.42	<=38.45	Pass
		6	0	22.24	1.32	21.41	<=38.45	Pass
	819	1	0	23.34	1.32	22.51	<=38.45	Pass
			2	23.30	1.32	22.47	<=38.45	Pass
			5	23.31	1.32	22.48	<=38.45	Pass
		3	0	23.35	1.32	22.52	<=38.45	Pass
			2	23.27	1.32	22.44	<=38.45	Pass
			3	23.23	1.32	22.40	<=38.45	Pass
		6	0	22.22	1.32	21.39	<=38.45	Pass
	823.3	1	0	23.29	1.32	22.46	<=38.45	Pass
			2	23.38	1.32	22.55	<=38.45	Pass
			5	23.40	1.32	22.57	<=38.45	Pass
		3	0	23.27	1.32	22.44	<=38.45	Pass
			2	23.25	1.32	22.42	<=38.45	Pass
			3	23.33	1.32	22.50	<=38.45	Pass
		6	0	22.20	1.32	21.37	<=38.45	Pass
64QAM	814.7	1	0	22.39	1.32	21.56	<=38.45	Pass
			2	22.33	1.32	21.50	<=38.45	Pass
			5	22.36	1.32	21.53	<=38.45	Pass
		3	0	22.32	1.32	21.49	<=38.45	Pass
			2	22.27	1.32	21.44	<=38.45	Pass
			3	22.25	1.32	21.42	<=38.45	Pass
		6	0	21.19	1.32	20.36	<=38.45	Pass
	819	1	0	22.41	1.32	21.58	<=38.45	Pass

			2	22.41	1.32	21.58	<=38.45	Pass
			5	22.32	1.32	21.49	<=38.45	Pass
		3	0	22.26	1.32	21.43	<=38.45	Pass
			2	22.24	1.32	21.41	<=38.45	Pass
			3	22.22	1.32	21.39	<=38.45	Pass
		6	0	21.18	1.32	20.35	<=38.45	Pass
	823.3	1	0	22.37	1.32	21.54	<=38.45	Pass
			2	22.44	1.32	21.61	<=38.45	Pass
			5	22.29	1.32	21.46	<=38.45	Pass
		3	0	22.28	1.32	21.45	<=38.45	Pass
			2	22.25	1.32	21.42	<=38.45	Pass
			3	22.26	1.32	21.43	<=38.45	Pass
		6	0	21.20	1.32	20.37	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B26a_3MHz_ERP

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	24.14	1.32	23.31	<=38.45	Pass
			7	24.27	1.32	23.44	<=38.45	Pass
			14	24.15	1.32	23.32	<=38.45	Pass
		8	0	23.19	1.32	22.36	<=38.45	Pass
			4	23.25	1.32	22.42	<=38.45	Pass
			7	23.20	1.32	22.37	<=38.45	Pass
		15	0	23.22	1.32	22.39	<=38.45	Pass
	819	1	0	24.12	1.32	23.29	<=38.45	Pass
			7	24.27	1.32	23.44	<=38.45	Pass
			14	24.17	1.32	23.34	<=38.45	Pass
		8	0	23.23	1.32	22.40	<=38.45	Pass
			4	23.24	1.32	22.41	<=38.45	Pass
			7	23.23	1.32	22.40	<=38.45	Pass
		15	0	23.23	1.32	22.40	<=38.45	Pass
	822.5	1	0	24.14	1.32	23.31	<=38.45	Pass
			7	24.29	1.32	23.46	<=38.45	Pass
			14	24.20	1.32	23.37	<=38.45	Pass
		8	0	23.25	1.32	22.42	<=38.45	Pass
			4	23.27	1.32	22.44	<=38.45	Pass
			7	23.22	1.32	22.39	<=38.45	Pass
		15	0	23.24	1.32	22.41	<=38.45	Pass
16QAM	815.5	1	0	23.37	1.32	22.54	<=38.45	Pass
			7	23.37	1.32	22.54	<=38.45	Pass
			14	23.39	1.32	22.56	<=38.45	Pass
		8	0	22.26	1.32	21.43	<=38.45	Pass
			4	22.25	1.32	21.42	<=38.45	Pass
			7	22.26	1.32	21.43	<=38.45	Pass
		15	0	22.20	1.32	21.37	<=38.45	Pass
	819	1	0	23.38	1.32	22.55	<=38.45	Pass
			7	23.35	1.32	22.52	<=38.45	Pass
			14	23.29	1.32	22.46	<=38.45	Pass
		8	0	22.27	1.32	21.44	<=38.45	Pass
			4	22.32	1.32	21.49	<=38.45	Pass
			7	22.23	1.32	21.40	<=38.45	Pass
		15	0	22.22	1.32	21.39	<=38.45	Pass
	822.5	1	0	23.39	1.32	22.56	<=38.45	Pass
			7	23.51	1.32	22.68	<=38.45	Pass
			14	23.40	1.32	22.57	<=38.45	Pass
		8	0	22.25	1.32	21.42	<=38.45	Pass

			4	22.30	1.32	21.47	<=38.45	Pass
			7	22.22	1.32	21.39	<=38.45	Pass
		15	0	22.25	1.32	21.42	<=38.45	Pass
			0	22.30	1.32	21.47	<=38.45	Pass
		1	7	22.34	1.32	21.51	<=38.45	Pass
			14	22.35	1.32	21.52	<=38.45	Pass
	815.5		0	21.29	1.32	20.46	<=38.45	Pass
		8	4	21.22	1.32	20.39	<=38.45	Pass
			7	21.23	1.32	20.40	<=38.45	Pass
		15	0	21.26	1.32	20.43	<=38.45	Pass
			0	22.30	1.32	21.47	<=38.45	Pass
		1	7	22.42	1.32	21.59	<=38.45	Pass
			14	22.47	1.32	21.64	<=38.45	Pass
64QAM	819		0	21.29	1.32	20.46	<=38.45	Pass
		8	4	21.29	1.32	20.46	<=38.45	Pass
			7	21.18	1.32	20.35	<=38.45	Pass
		15	0	21.24	1.32	20.41	<=38.45	Pass
			0	22.40	1.32	21.57	<=38.45	Pass
		1	7	22.37	1.32	21.54	<=38.45	Pass
			14	22.44	1.32	21.61	<=38.45	Pass
	822.5		0	21.28	1.32	20.45	<=38.45	Pass
		8	4	21.27	1.32	20.44	<=38.45	Pass
			7	21.20	1.32	20.37	<=38.45	Pass
		15	0	21.29	1.32	20.46	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
			0	24.29	1.32	23.46	<=38.45	Pass
		1	13	24.32	1.32	23.49	<=38.45	Pass
			24	24.29	1.32	23.46	<=38.45	Pass
	816.5		0	23.15	1.32	22.32	<=38.45	Pass
		12	6	23.27	1.32	22.44	<=38.45	Pass
			13	23.21	1.32	22.38	<=38.45	Pass
		25	0	23.24	1.32	22.41	<=38.45	Pass
			0	24.25	1.32	23.42	<=38.45	Pass
		1	13	24.30	1.32	23.47	<=38.45	Pass
			24	24.26	1.32	23.43	<=38.45	Pass
QPSK	819		0	23.16	1.32	22.33	<=38.45	Pass
		12	6	23.27	1.32	22.44	<=38.45	Pass
			13	23.22	1.32	22.39	<=38.45	Pass
		25	0	23.20	1.32	22.37	<=38.45	Pass
			0	24.25	1.32	23.42	<=38.45	Pass
		1	13	24.37	1.32	23.54	<=38.45	Pass
			24	24.23	1.32	23.40	<=38.45	Pass
	821.5		0	23.15	1.32	22.32	<=38.45	Pass
		12	6	23.26	1.32	22.43	<=38.45	Pass
			13	23.21	1.32	22.38	<=38.45	Pass
		25	0	23.24	1.32	22.41	<=38.45	Pass
			0	23.48	1.32	22.65	<=38.45	Pass
		1	13	23.48	1.32	22.65	<=38.45	Pass
			24	23.34	1.32	22.51	<=38.45	Pass
16QAM	816.5		0	22.19	1.32	21.36	<=38.45	Pass
		12	6	22.31	1.32	21.48	<=38.45	Pass
			13	22.24	1.32	21.41	<=38.45	Pass
		25	0	22.25	1.32	21.42	<=38.45	Pass

	819	1	0	23.41	1.32	22.58	<=38.45	Pass
			13	23.40	1.32	22.57	<=38.45	Pass
			24	23.32	1.32	22.49	<=38.45	Pass
		12	0	22.18	1.32	21.35	<=38.45	Pass
			6	22.29	1.32	21.46	<=38.45	Pass
			13	22.24	1.32	21.41	<=38.45	Pass
		25	0	22.21	1.32	21.38	<=38.45	Pass
	821.5	1	0	23.45	1.32	22.62	<=38.45	Pass
			13	23.36	1.32	22.53	<=38.45	Pass
			24	23.38	1.32	22.55	<=38.45	Pass
		12	0	22.19	1.32	21.36	<=38.45	Pass
			6	22.28	1.32	21.45	<=38.45	Pass
			13	22.23	1.32	21.40	<=38.45	Pass
		25	0	22.27	1.32	21.44	<=38.45	Pass
64QAM	816.5	1	0	22.44	1.32	21.61	<=38.45	Pass
			13	22.53	1.32	21.70	<=38.45	Pass
			24	22.31	1.32	21.48	<=38.45	Pass
		12	0	21.17	1.32	20.34	<=38.45	Pass
			6	21.29	1.32	20.46	<=38.45	Pass
			13	21.23	1.32	20.40	<=38.45	Pass
		25	0	21.28	1.32	20.45	<=38.45	Pass
	819	1	0	22.32	1.32	21.49	<=38.45	Pass
			13	22.45	1.32	21.62	<=38.45	Pass
			24	22.26	1.32	21.43	<=38.45	Pass
		12	0	21.19	1.32	20.36	<=38.45	Pass
			6	21.30	1.32	20.47	<=38.45	Pass
			13	21.26	1.32	20.43	<=38.45	Pass
		25	0	21.34	1.32	20.51	<=38.45	Pass
	821.5	1	0	22.36	1.32	21.53	<=38.45	Pass
			13	22.50	1.32	21.67	<=38.45	Pass
			24	22.35	1.32	21.52	<=38.45	Pass
		12	0	21.21	1.32	20.38	<=38.45	Pass
			6	21.30	1.32	20.47	<=38.45	Pass
			13	21.22	1.32	20.39	<=38.45	Pass
		25	0	21.22	1.32	20.39	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	24.25	1.32	23.42	<=38.45	Pass
			25	24.22	1.32	23.39	<=38.45	Pass
			49	24.25	1.32	23.42	<=38.45	Pass
		25	0	23.18	1.32	22.35	<=38.45	Pass
			13	23.30	1.32	22.47	<=38.45	Pass
			25	23.24	1.32	22.41	<=38.45	Pass
		50	0	23.26	1.32	22.43	<=38.45	Pass
16QAM	819	1	0	23.41	1.32	22.58	<=38.45	Pass
			25	23.44	1.32	22.61	<=38.45	Pass
			49	23.48	1.32	22.65	<=38.45	Pass
		25	0	22.20	1.32	21.37	<=38.45	Pass
			13	22.30	1.32	21.47	<=38.45	Pass
			25	22.24	1.32	21.41	<=38.45	Pass
		50	0	22.27	1.32	21.44	<=38.45	Pass
64QAM	819	1	0	22.48	1.32	21.65	<=38.45	Pass
			25	22.54	1.32	21.71	<=38.45	Pass
			49	22.39	1.32	21.56	<=38.45	Pass

		25	0	21.23	1.32	20.40	<=38.45	Pass
			13	21.28	1.32	20.45	<=38.45	Pass
			25	21.30	1.32	20.47	<=38.45	Pass
		50	0	21.26	1.32	20.43	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_10MHz

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	3.3	-3.300	-0.0040	-2.5 to 2.5	Pass
					3.8	-1.800	-0.0022	-2.5 to 2.5	Pass
					4.4	-2.500	-0.0031	-2.5 to 2.5	Pass
				-30	3.8	-3.200	-0.0039	-2.5 to 2.5	Pass
				-20	3.8	-1.800	-0.0022	-2.5 to 2.5	Pass
				-10	3.8	-2.500	-0.0031	-2.5 to 2.5	Pass
				0	3.8	-0.600	-0.0007	-2.5 to 2.5	Pass
				10	3.8	-1.500	-0.0018	-2.5 to 2.5	Pass
				30	3.8	-1.100	-0.0013	-2.5 to 2.5	Pass
				40	3.8	-2.900	-0.0035	-2.5 to 2.5	Pass
				50	3.8	-1.900	-0.0023	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.3	-3.800	-0.0046	-2.5 to 2.5	Pass
					3.8	-2.100	-0.0026	-2.5 to 2.5	Pass
					4.4	-0.200	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	0.500	0.0006	-2.5 to 2.5	Pass
				-20	3.8	-0.600	-0.0007	-2.5 to 2.5	Pass
				-10	3.8	-1.600	-0.0020	-2.5 to 2.5	Pass
				0	3.8	-1.000	-0.0012	-2.5 to 2.5	Pass
				10	3.8	-0.500	-0.0006	-2.5 to 2.5	Pass
				30	3.8	-1.800	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-2.700	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-2.200	-0.0027	-2.5 to 2.5	Pass
64QAM	819	50	0	20	3.3	-0.600	-0.0007	-2.5 to 2.5	Pass
					3.8	16.300	0.0199	-2.5 to 2.5	Pass
					4.4	-10.600	-0.0129	-2.5 to 2.5	Pass
				-30	3.8	-2.200	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	5.000	0.0061	-2.5 to 2.5	Pass
				-10	3.8	20.600	0.0252	-2.5 to 2.5	Pass
				0	3.8	-6.800	-0.0083	-2.5 to 2.5	Pass
				10	3.8	2.800	0.0034	-2.5 to 2.5	Pass
				30	3.8	7.400	0.0090	-2.5 to 2.5	Pass
				40	3.8	-14.600	-0.0178	-2.5 to 2.5	Pass
				50	3.8	15.900	0.0194	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26a_OBW

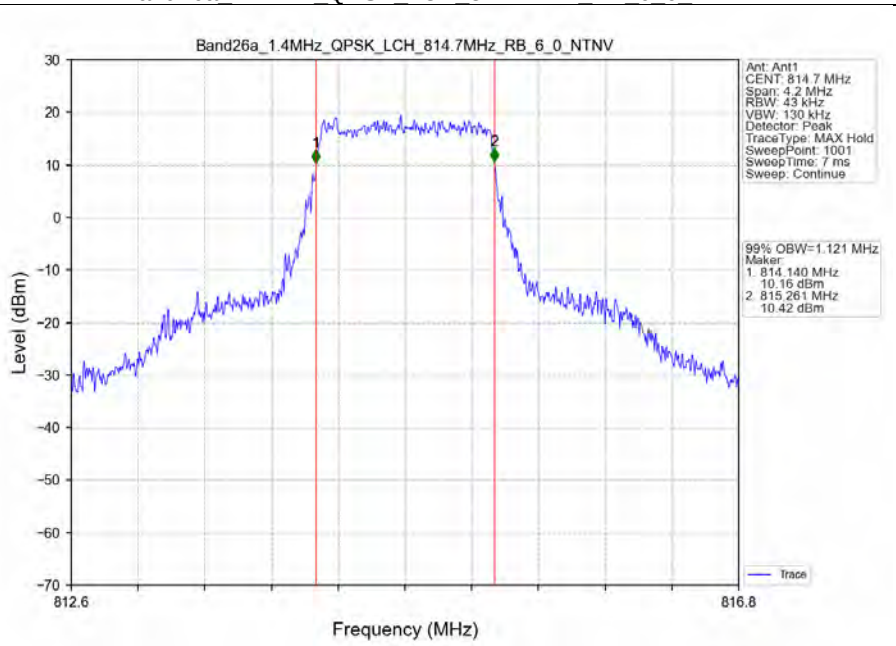
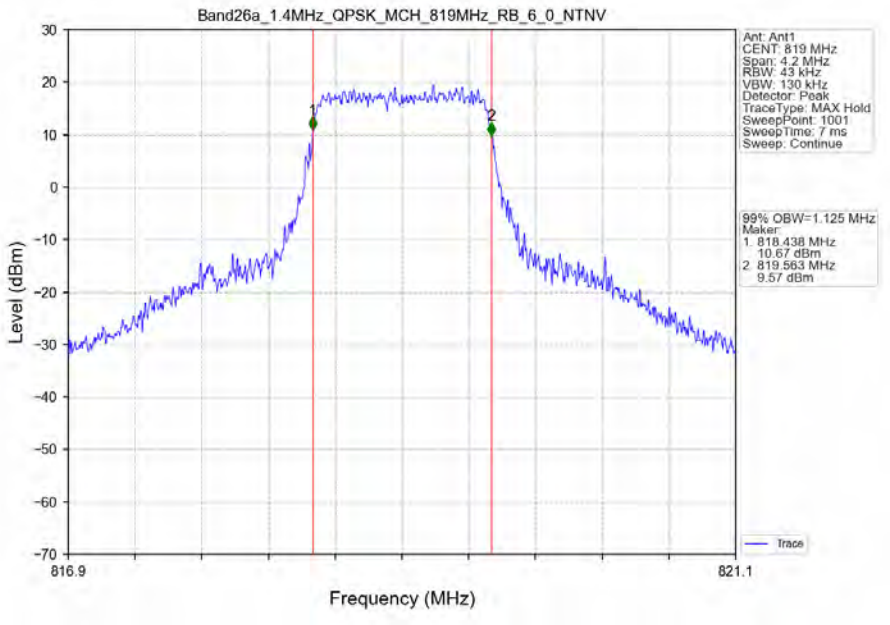
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.121	/	Pass
		819	6	0	1.125	/	Pass
		823.3	6	0	1.115	/	Pass
	16QAM	814.7	6	0	1.122	/	Pass
		819	6	0	1.124	/	Pass
		823.3	6	0	1.124	/	Pass
	64QAM	814.7	6	0	1.122	/	Pass
		819	6	0	1.116	/	Pass
		823.3	6	0	1.111	/	Pass
3	QPSK	815.5	15	0	2.732	/	Pass
		819	15	0	2.725	/	Pass
		822.5	15	0	2.730	/	Pass
	16QAM	815.5	15	0	2.725	/	Pass
		819	15	0	2.737	/	Pass
		822.5	15	0	2.735	/	Pass
	64QAM	815.5	15	0	2.719	/	Pass
		819	15	0	2.730	/	Pass
		822.5	15	0	2.729	/	Pass
5	QPSK	816.5	25	0	4.539	/	Pass
		819	25	0	4.551	/	Pass
		821.5	25	0	4.570	/	Pass
	16QAM	816.5	25	0	4.552	/	Pass
		819	25	0	4.558	/	Pass
		821.5	25	0	4.562	/	Pass
	64QAM	816.5	25	0	4.565	/	Pass
		819	25	0	4.596	/	Pass
		821.5	25	0	4.557	/	Pass
10	QPSK	819	50	0	9.093	/	Pass
	16QAM	819	50	0	9.103	/	Pass
	64QAM	819	50	0	9.067	/	Pass

3.1.2 Band26a_XDB

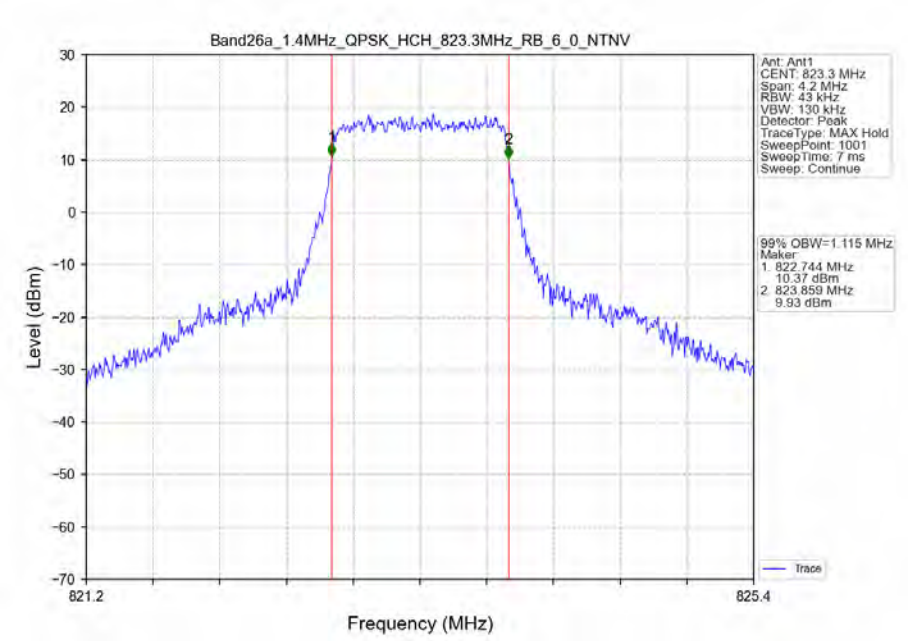
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.398	/	Pass
		819	6	0	1.388	/	Pass
		823.3	6	0	1.384	/	Pass
	16QAM	814.7	6	0	1.417	/	Pass
		819	6	0	1.406	/	Pass
		823.3	6	0	1.423	/	Pass
	64QAM	814.7	6	0	1.383	/	Pass
		819	6	0	1.398	/	Pass
		823.3	6	0	1.378	/	Pass
3	QPSK	815.5	15	0	3.152	/	Pass
		819	15	0	3.120	/	Pass
		822.5	15	0	3.102	/	Pass
	16QAM	815.5	15	0	3.081	/	Pass
		819	15	0	3.125	/	Pass
		822.5	15	0	3.094	/	Pass
	64QAM	815.5	15	0	3.082	/	Pass
		819	15	0	3.102	/	Pass
		822.5	15	0	3.090	/	Pass
5	QPSK	816.5	25	0	5.156	/	Pass
		819	25	0	5.273	/	Pass
		821.5	25	0	5.207	/	Pass
	16QAM	816.5	25	0	5.170	/	Pass
		819	25	0	5.264	/	Pass
		821.5	25	0	5.176	/	Pass
	64QAM	816.5	25	0	5.279	/	Pass
		819	25	0	5.249	/	Pass
		821.5	25	0	5.178	/	Pass
10	QPSK	819	50	0	10.152	/	Pass
	16QAM	819	50	0	10.238	/	Pass
	64QAM	819	50	0	10.122	/	Pass

3.2 Test Graph

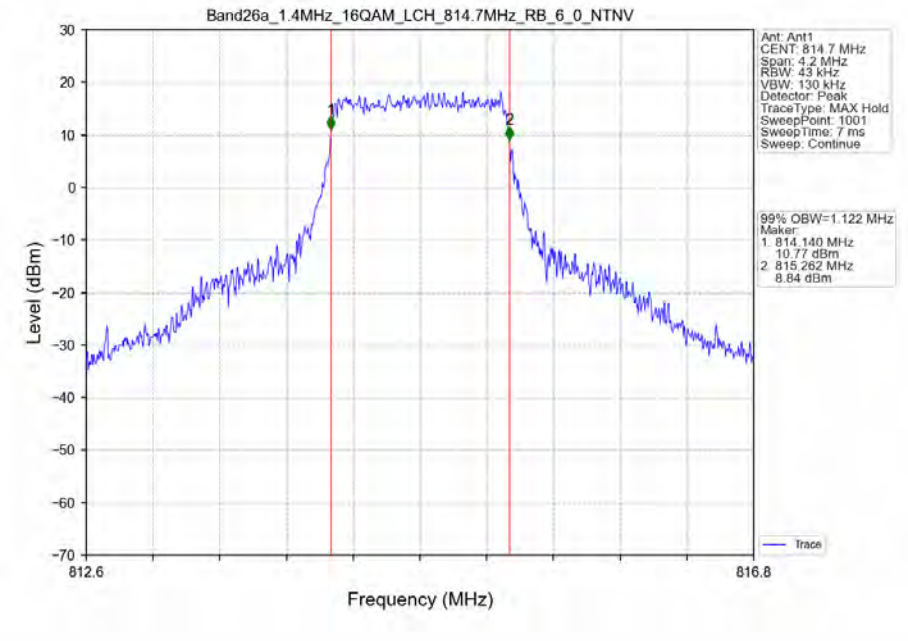
3.2.1 Band26a_OBW

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV


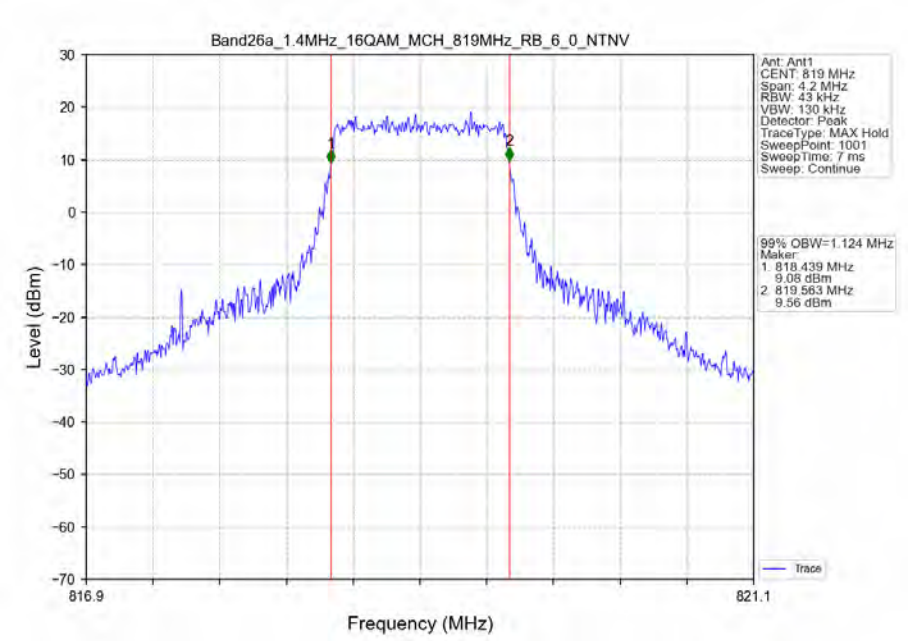
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



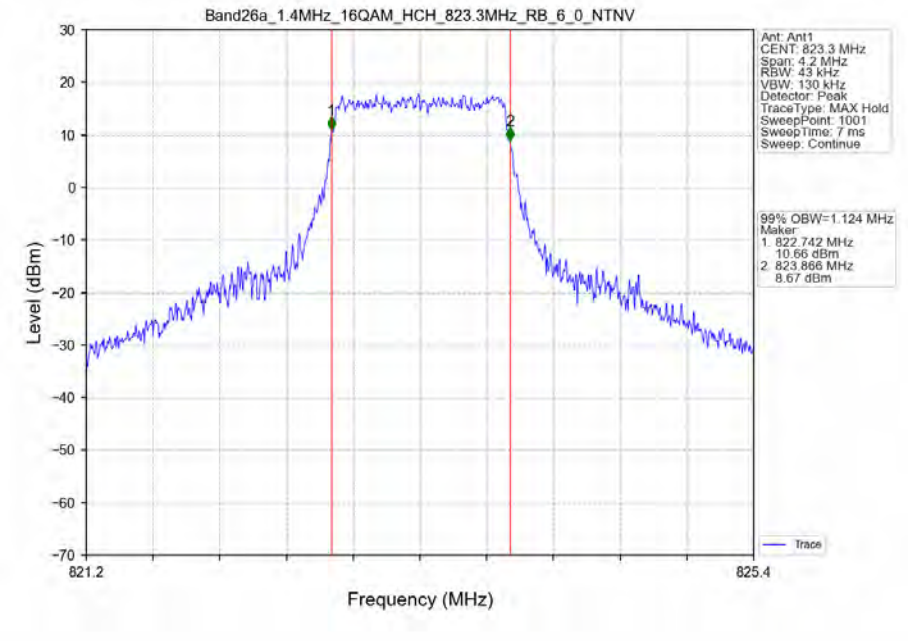
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



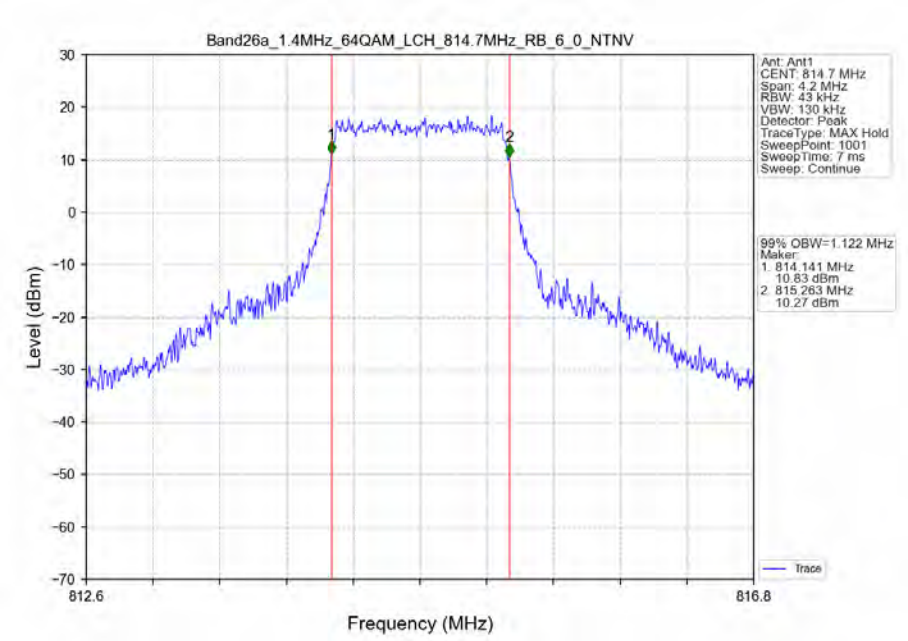
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



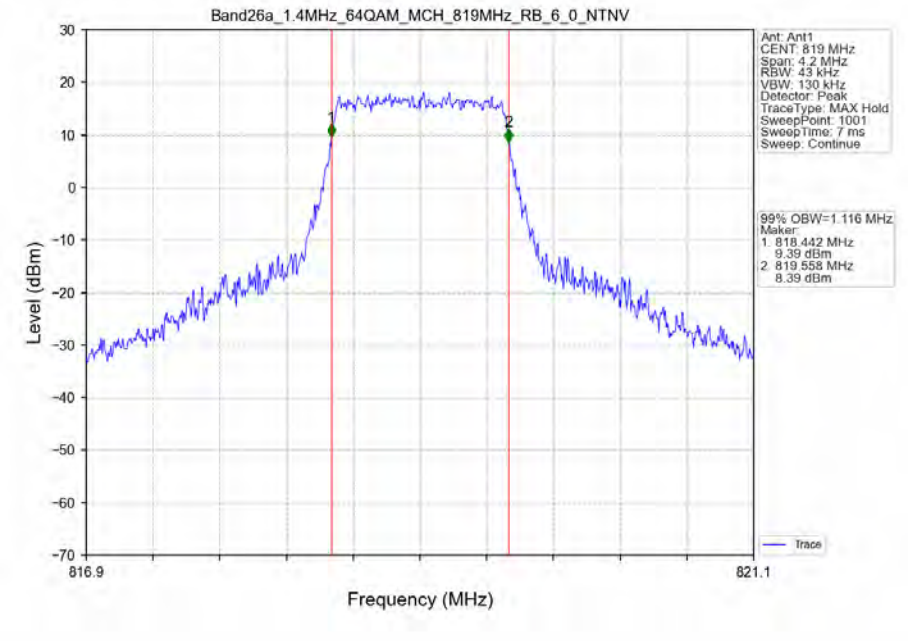
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



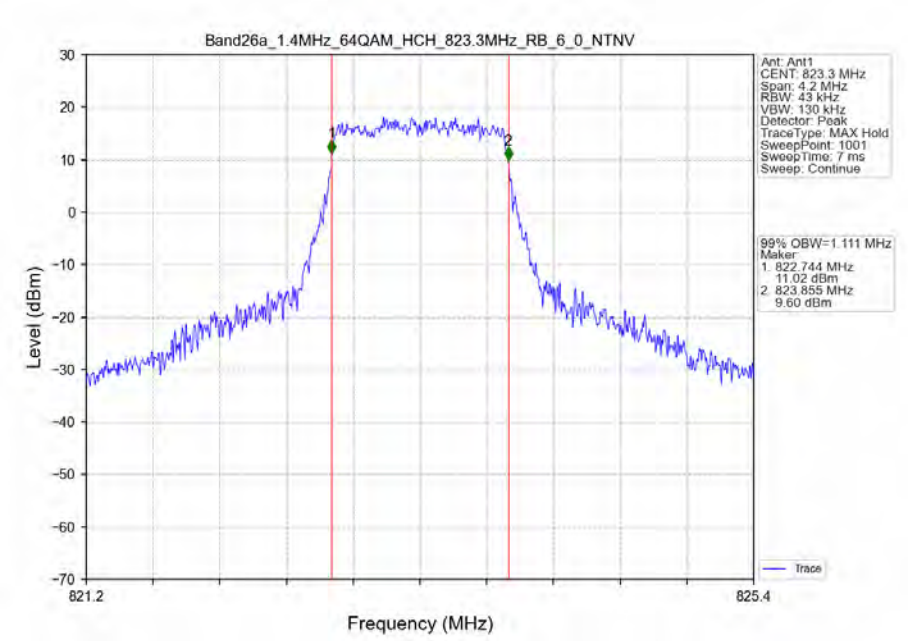
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



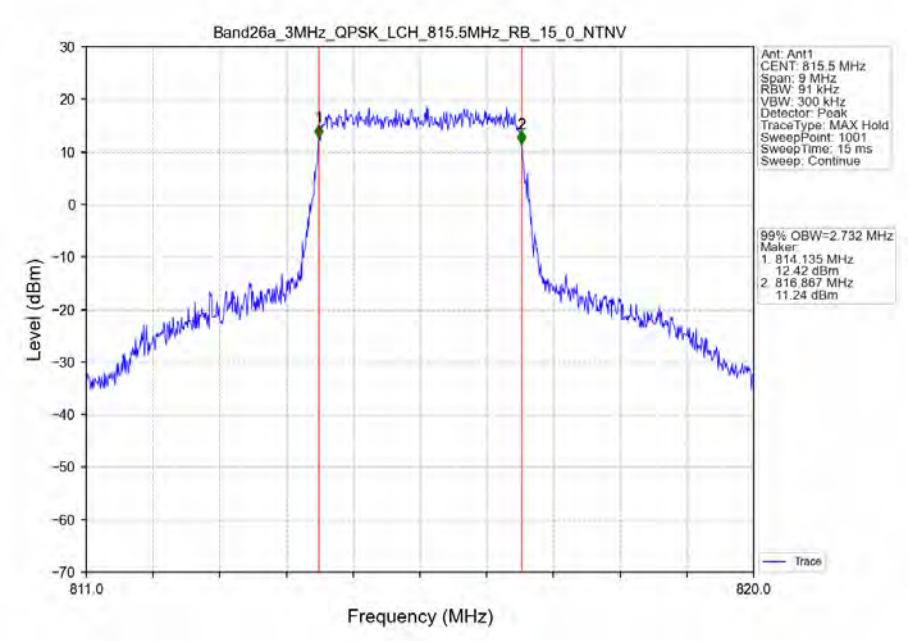
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



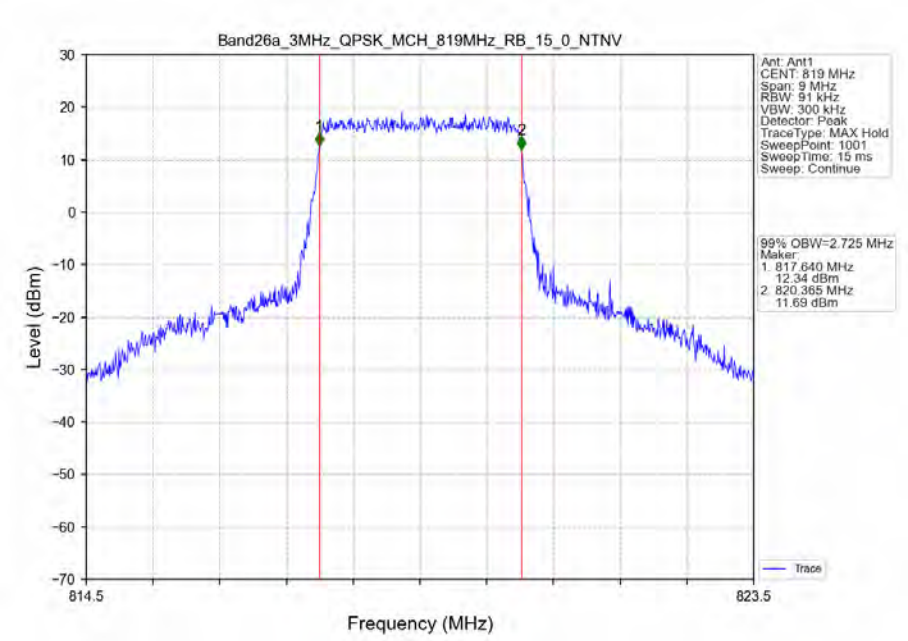
Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



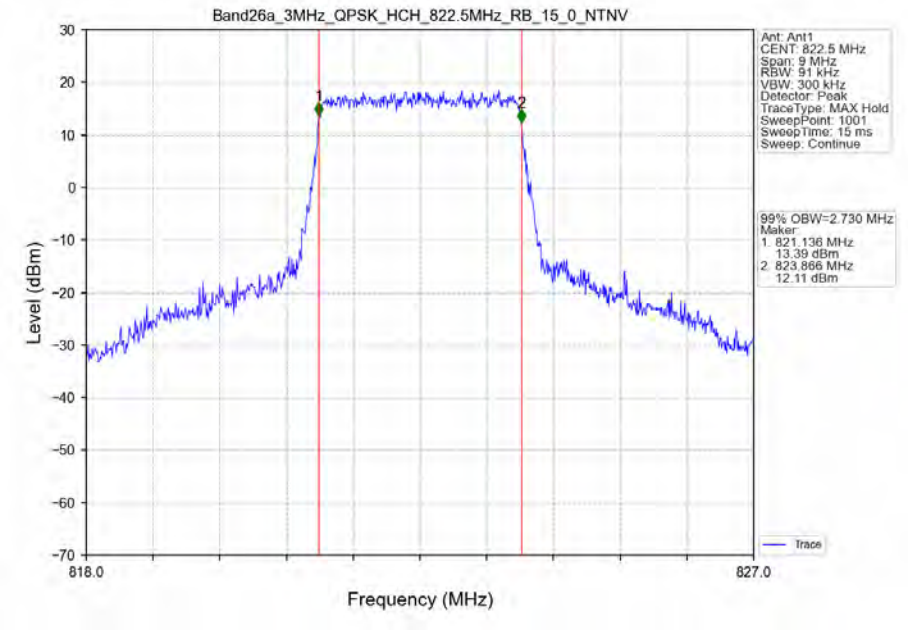
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



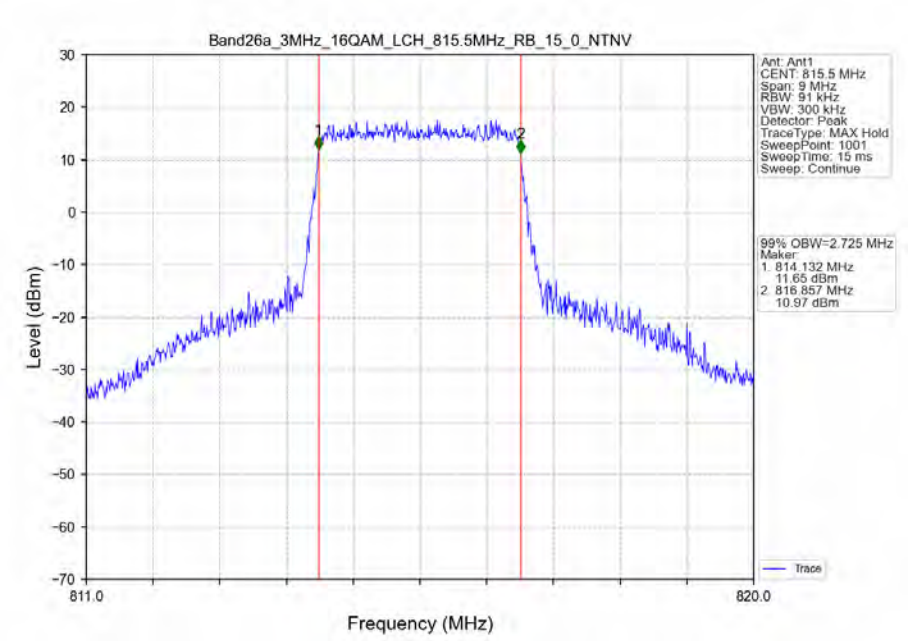
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



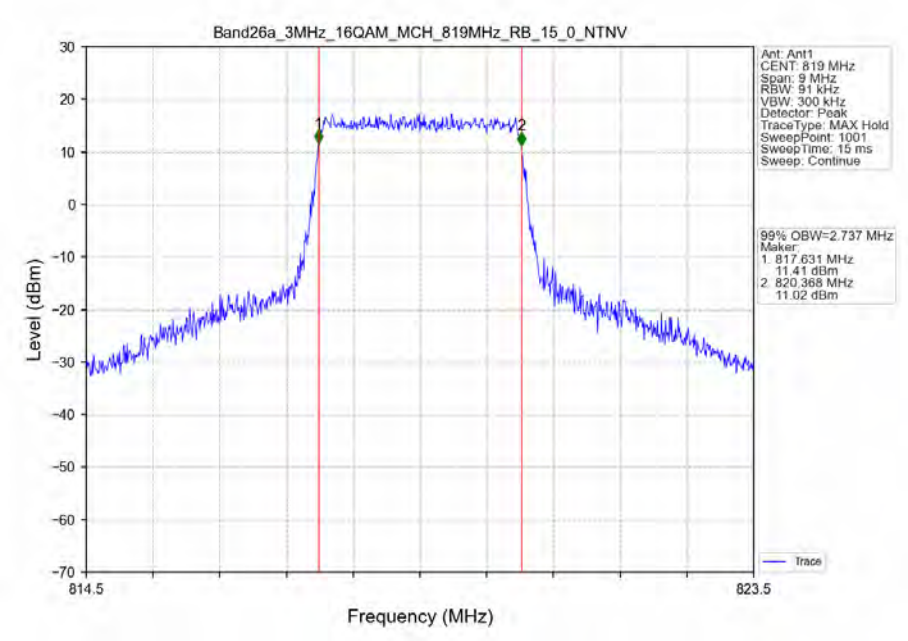
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



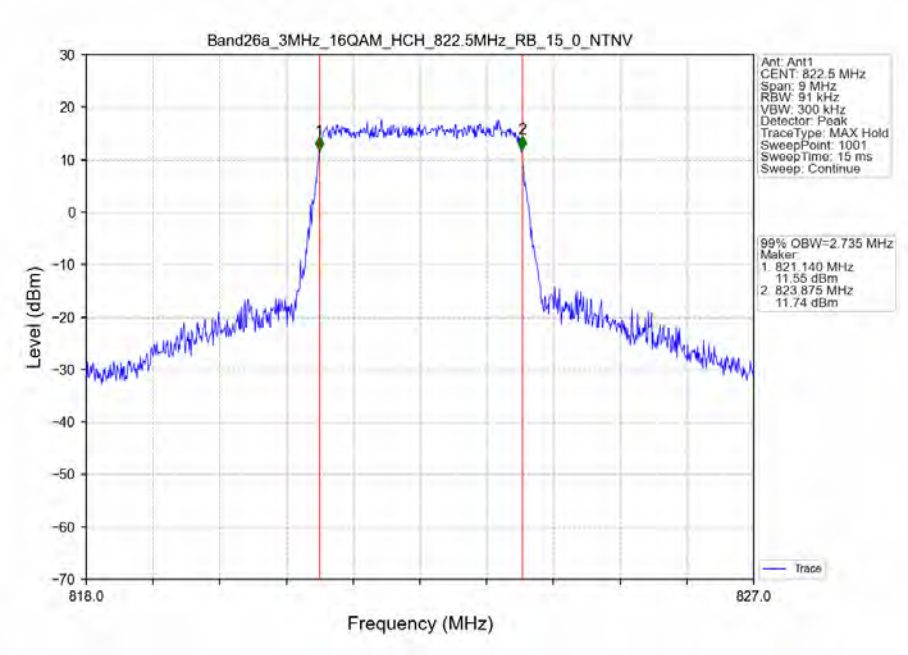
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



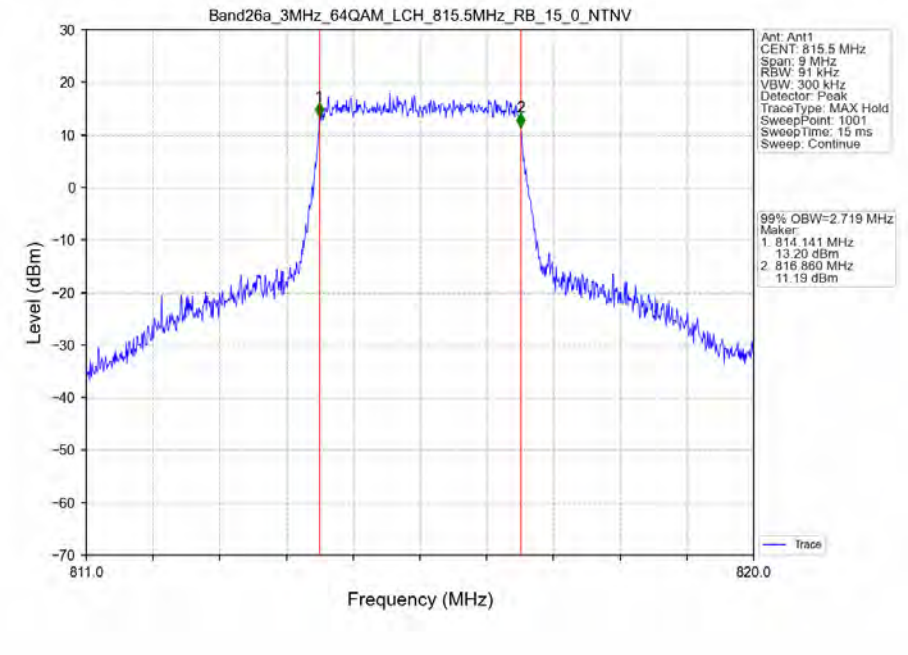
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



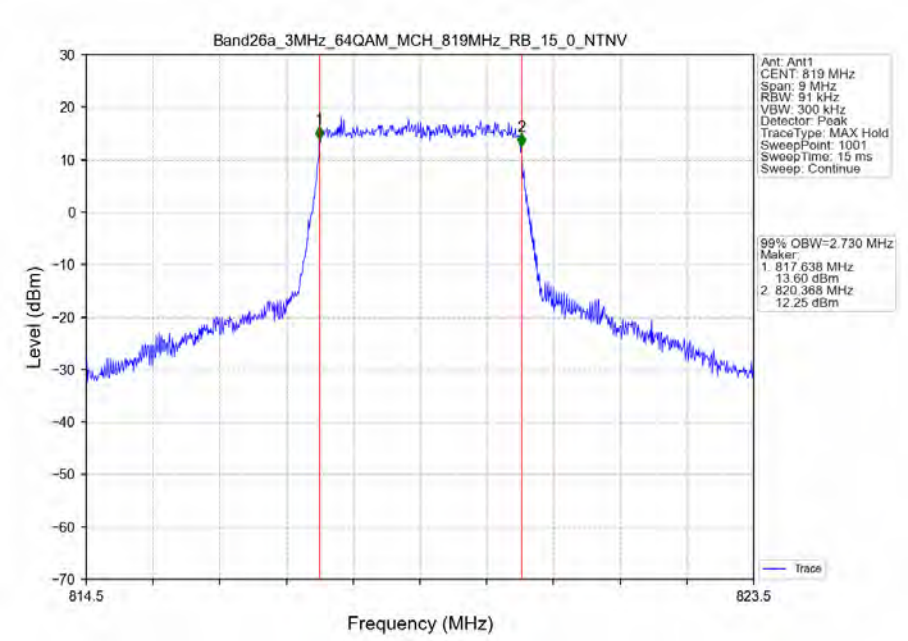
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



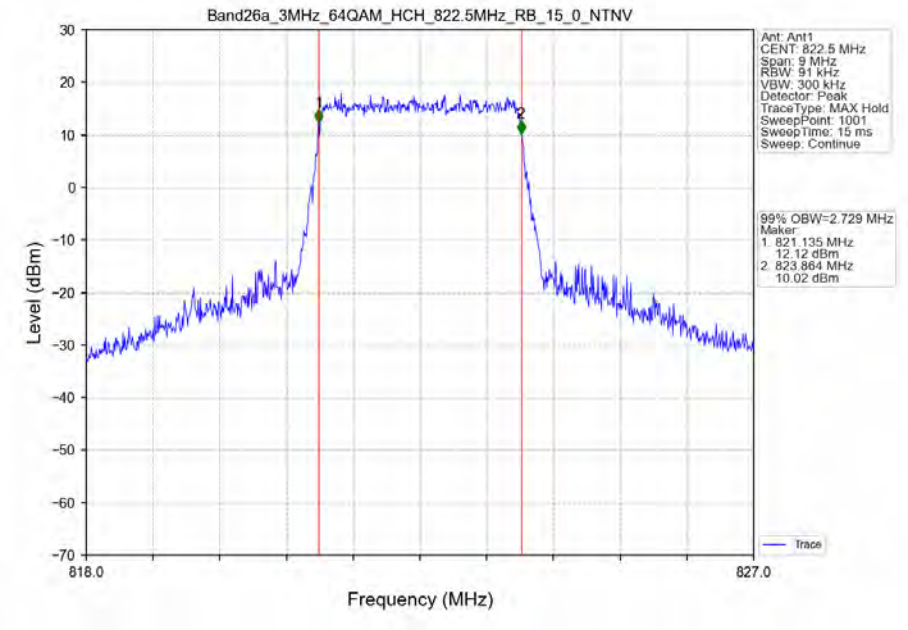
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



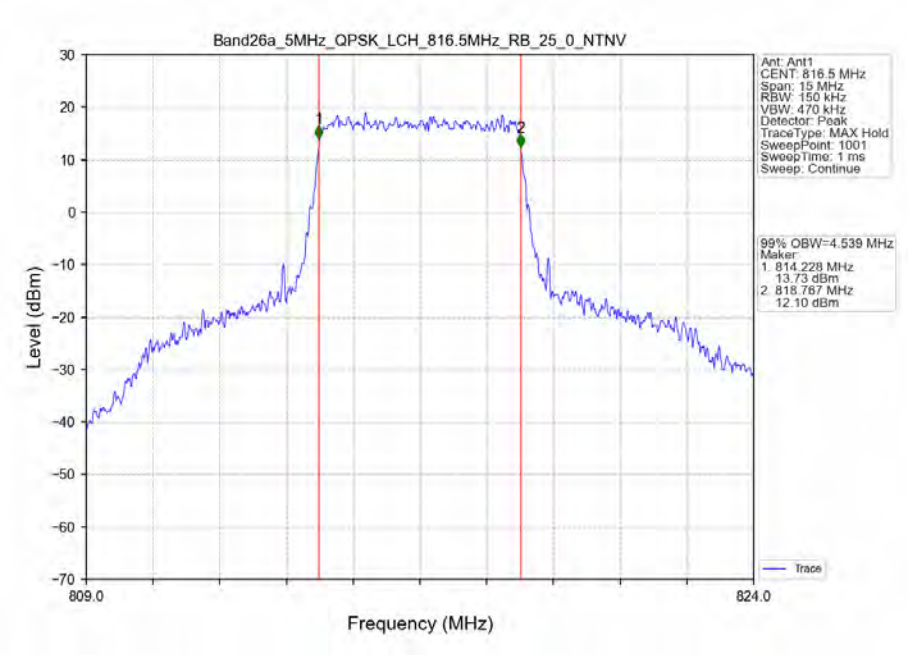
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



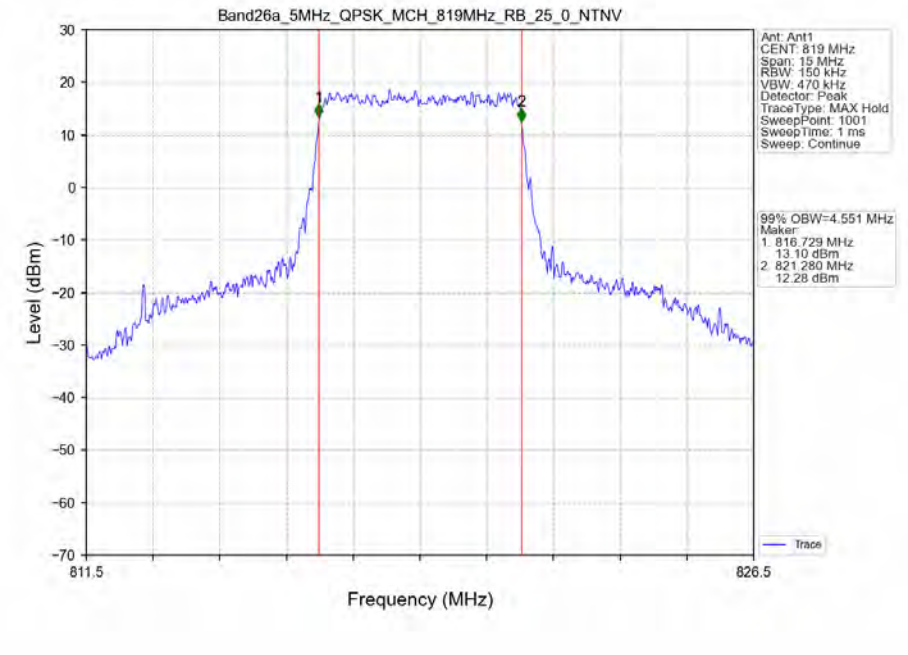
Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



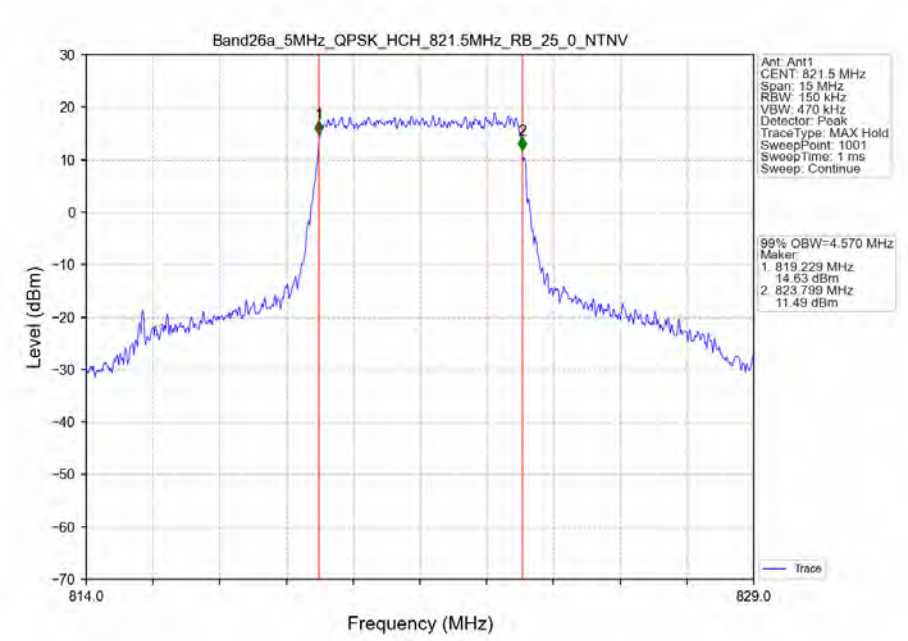
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



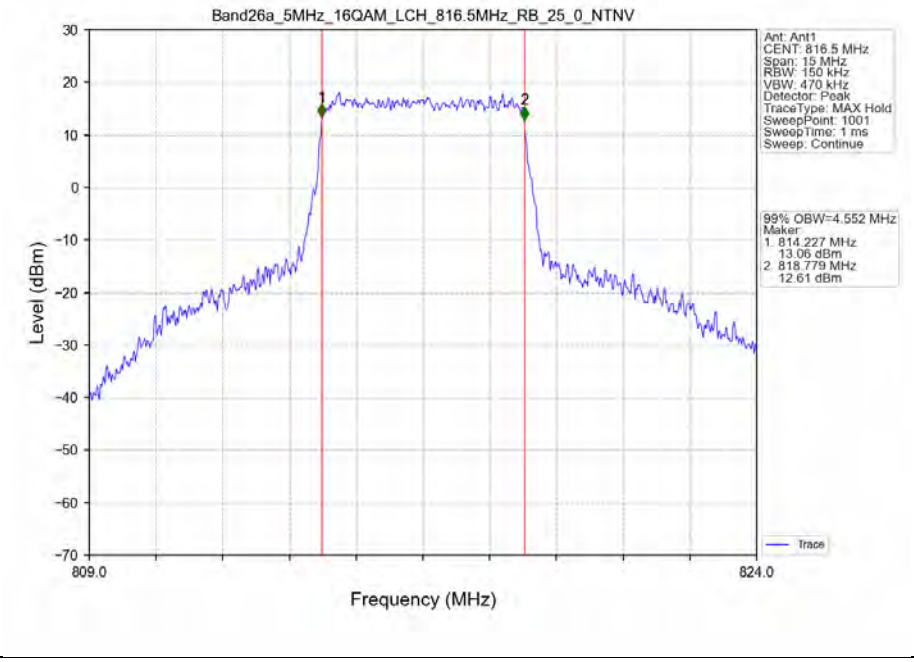
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



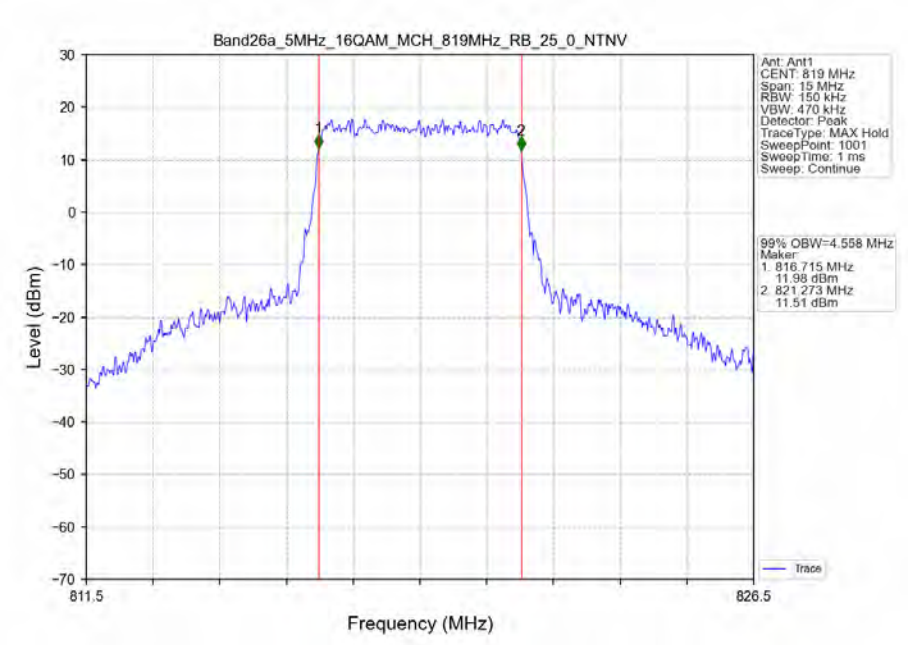
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



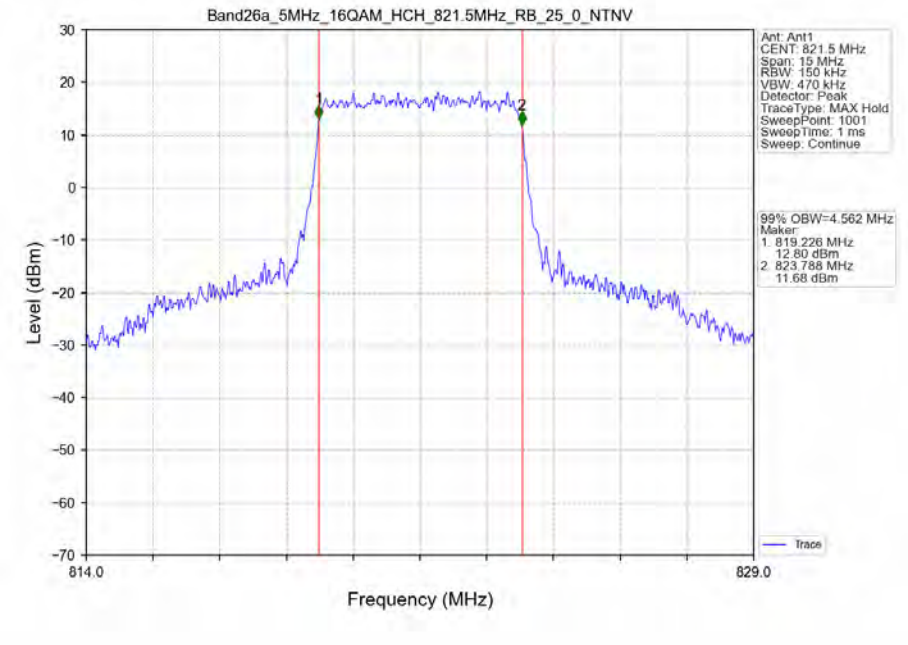
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



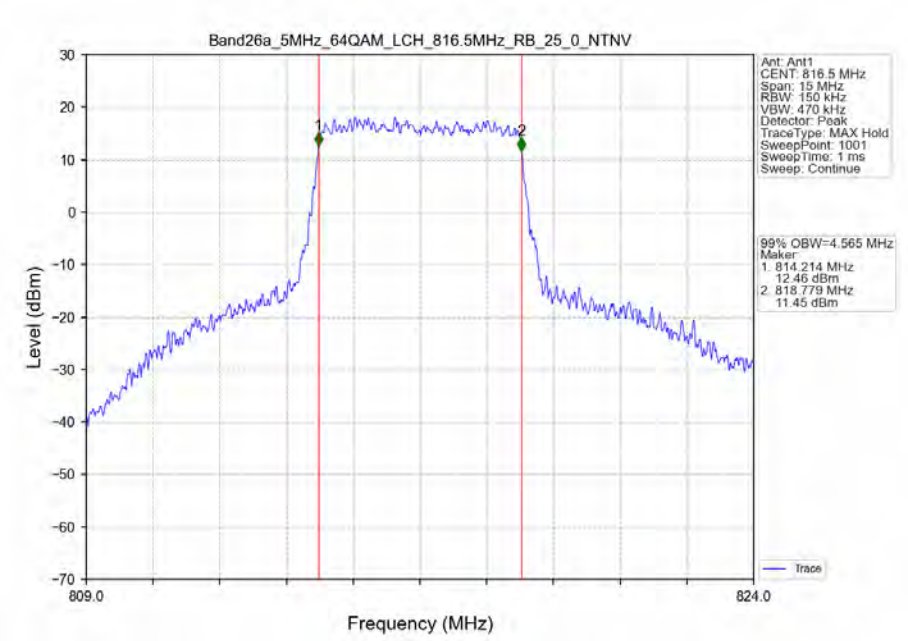
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



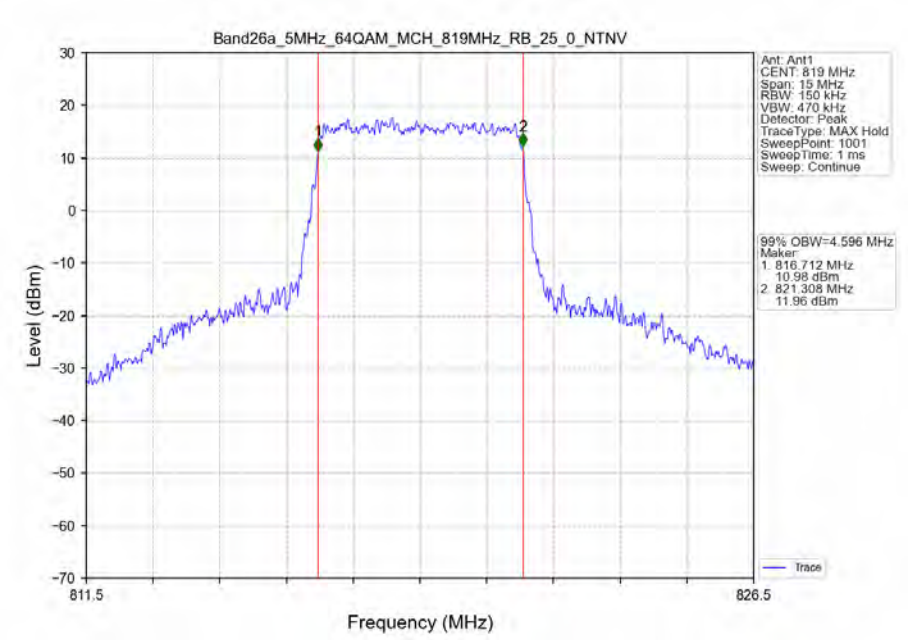
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



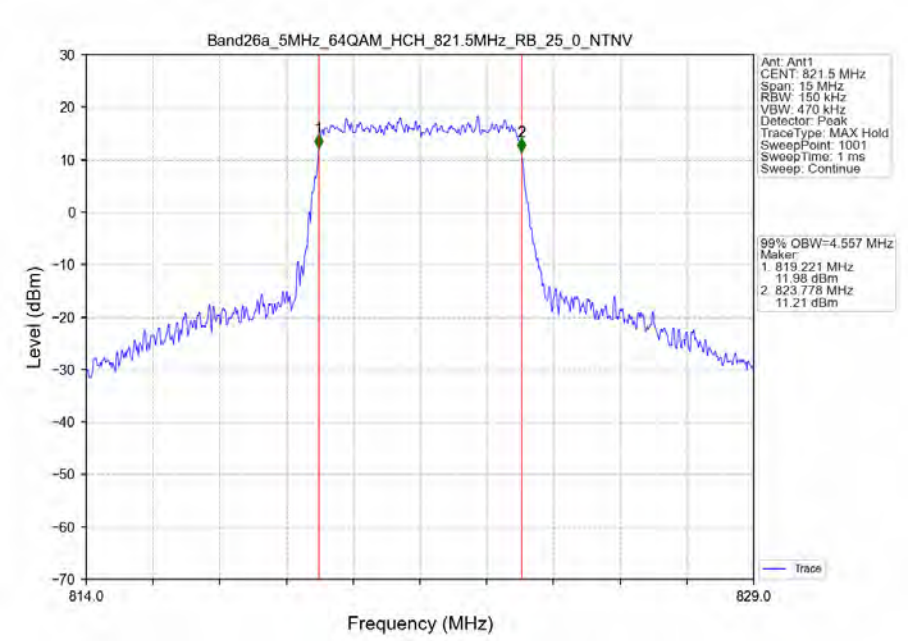
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



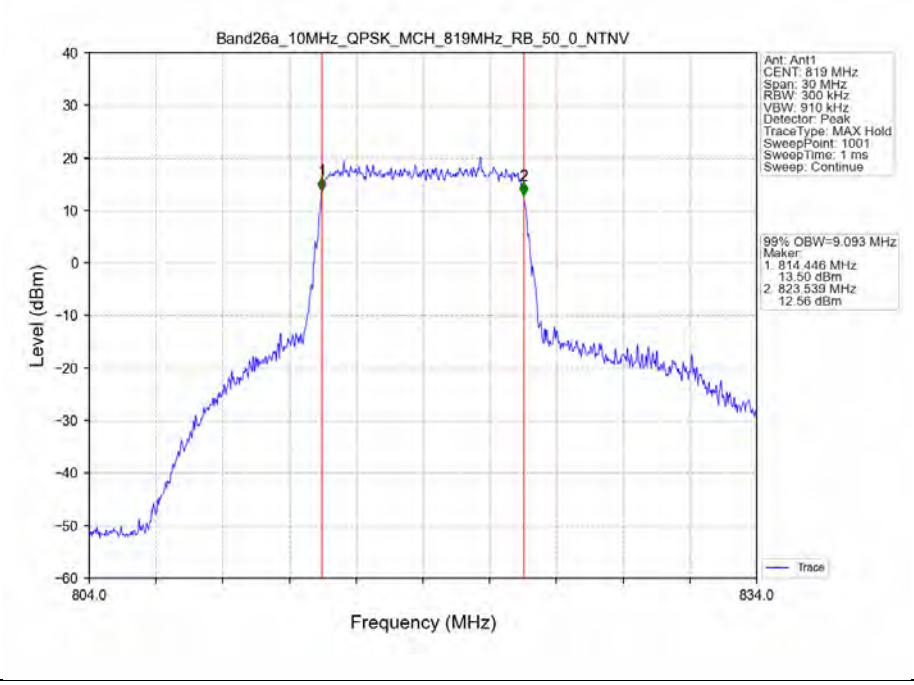
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



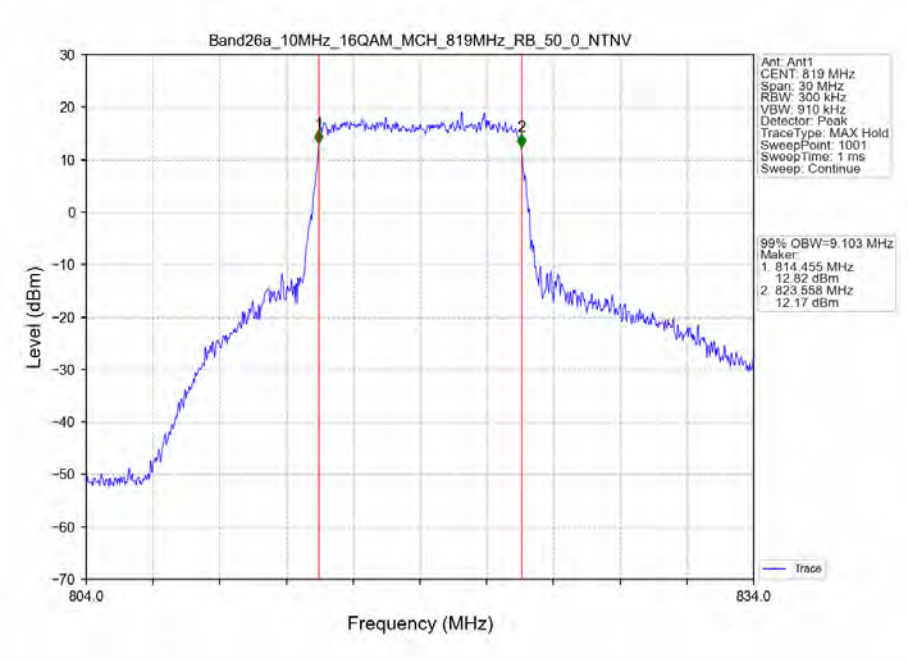
Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



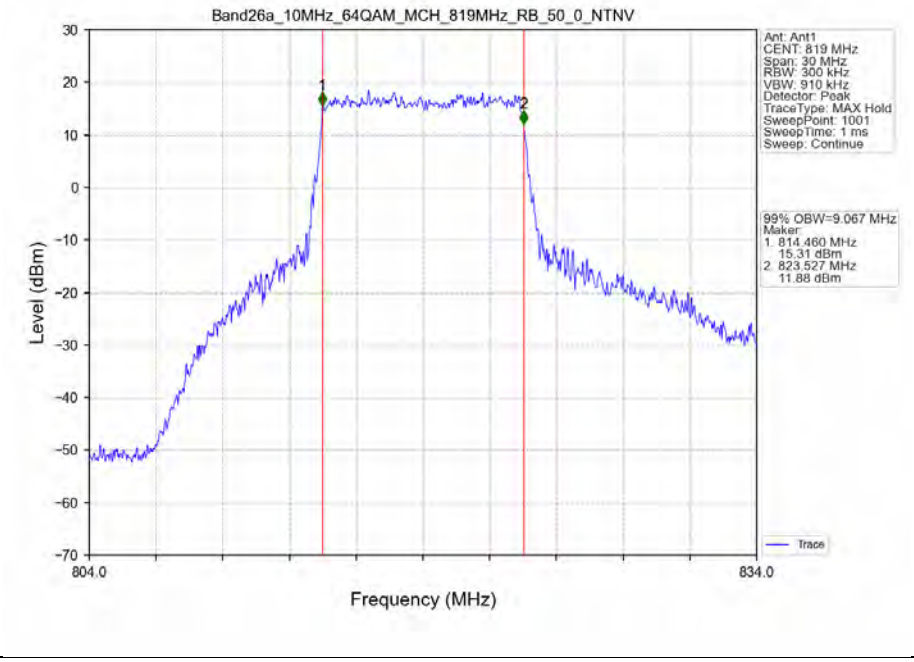
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



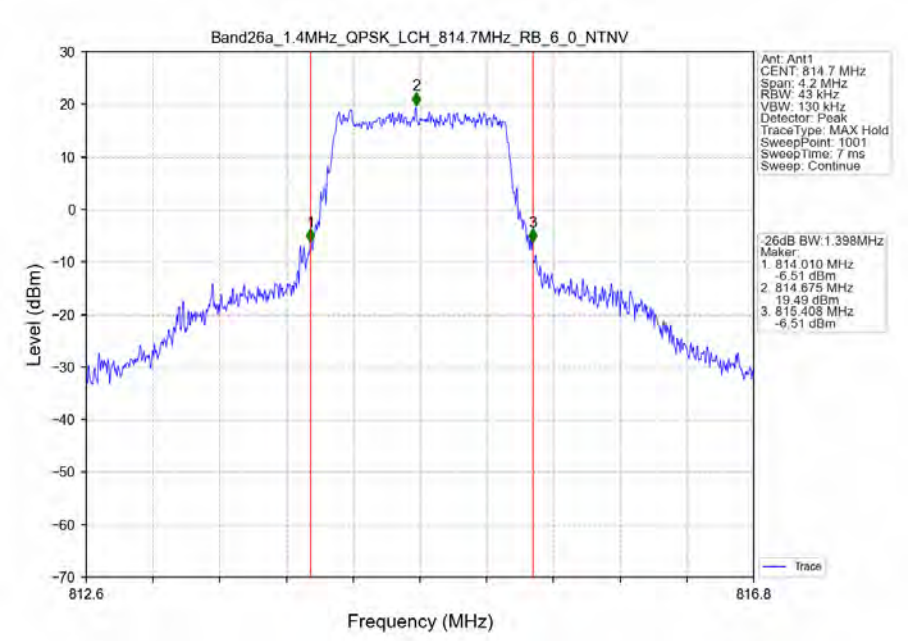
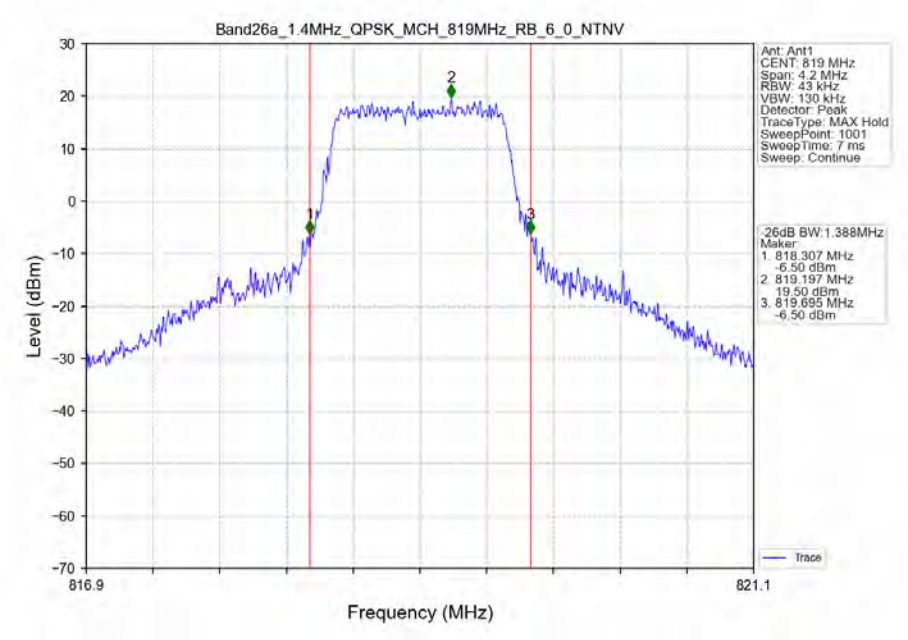
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



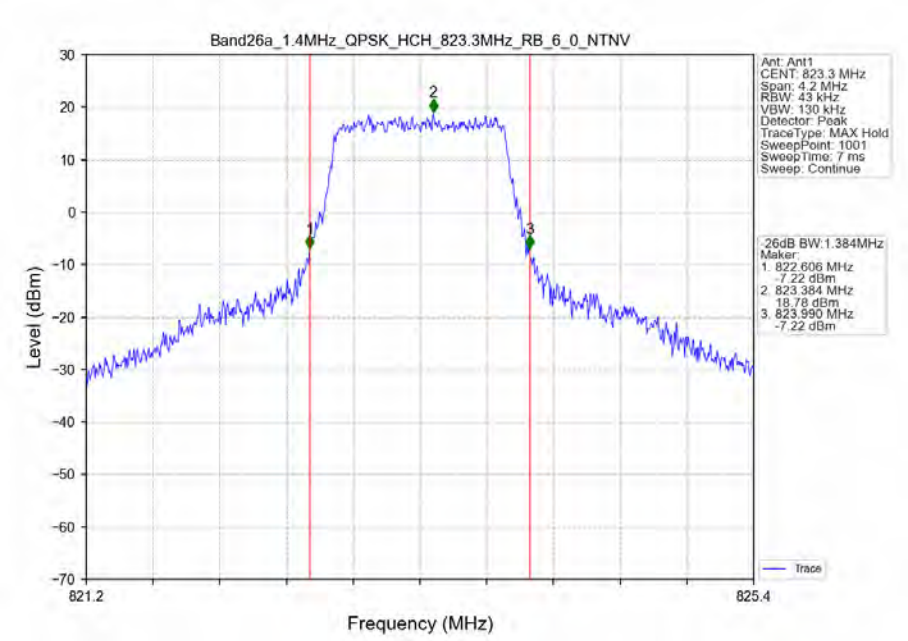
Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



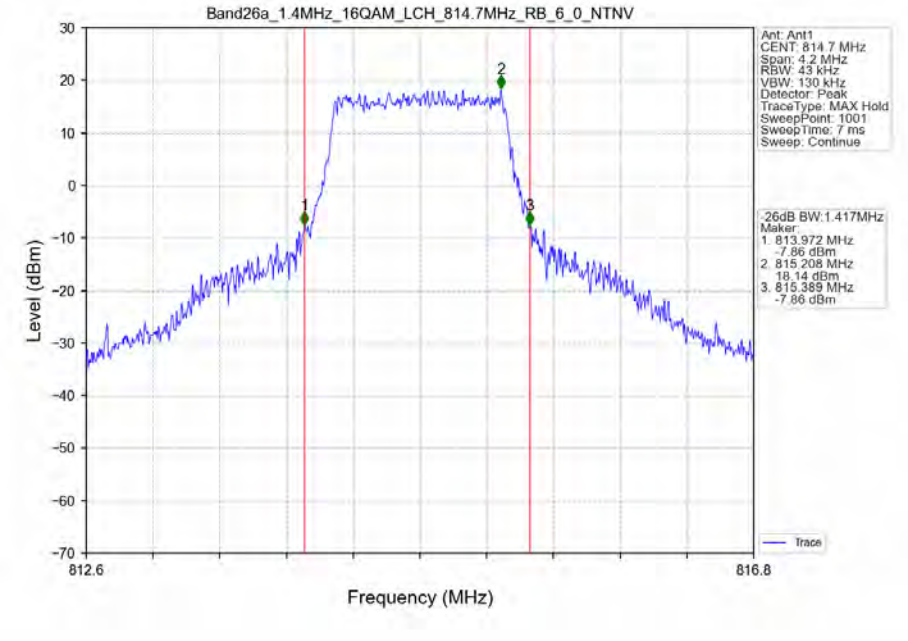
3.2.2 Band26a_XDB

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV


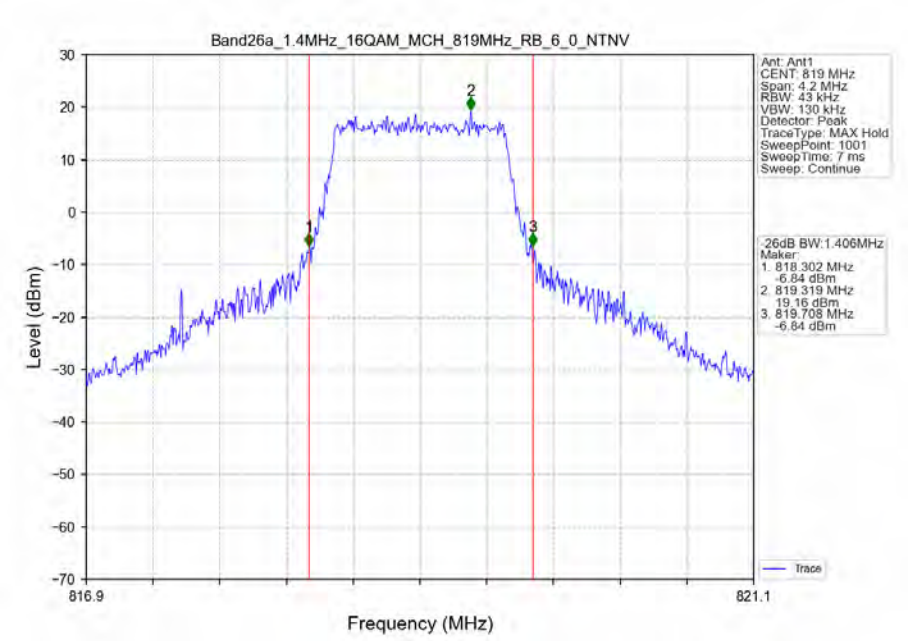
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



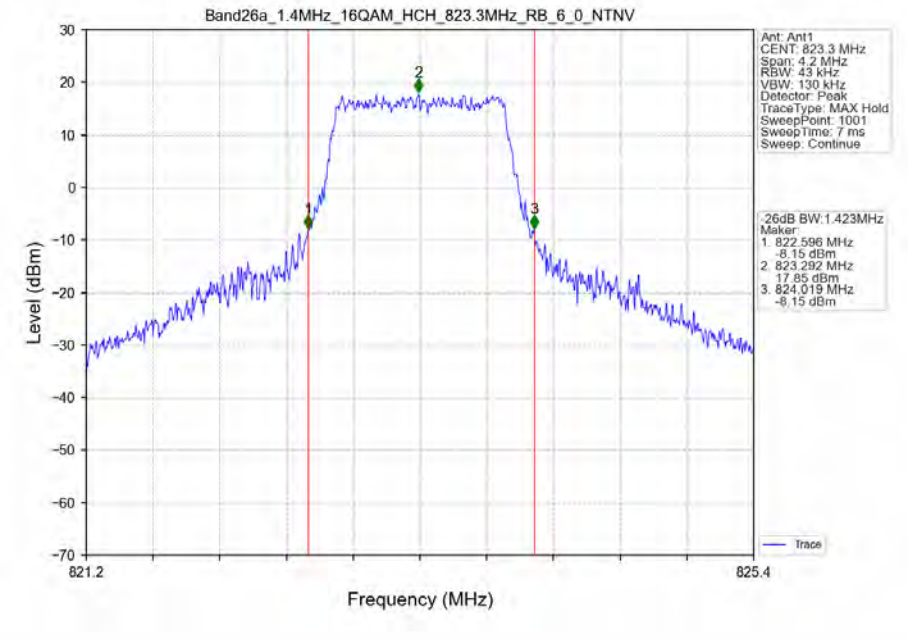
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



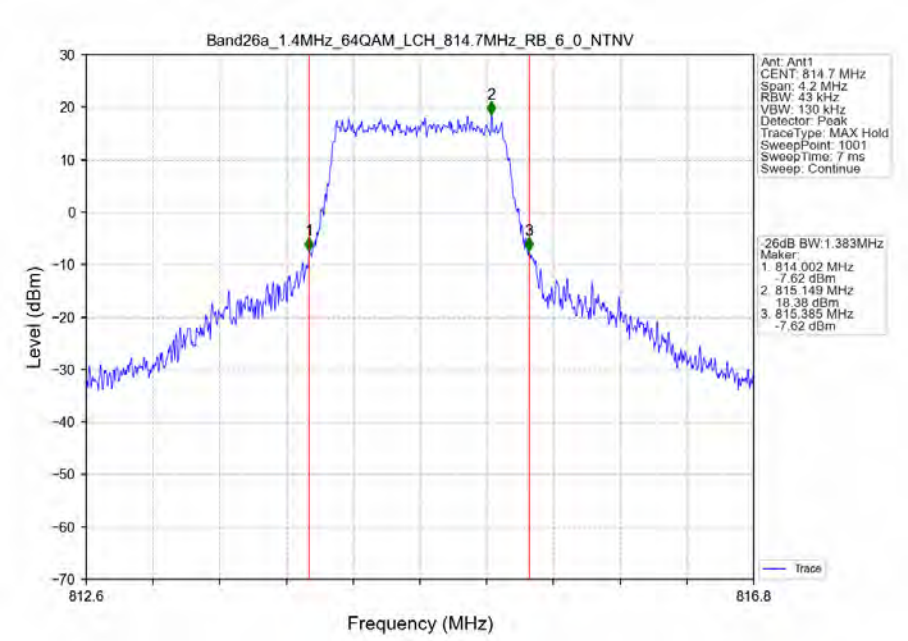
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



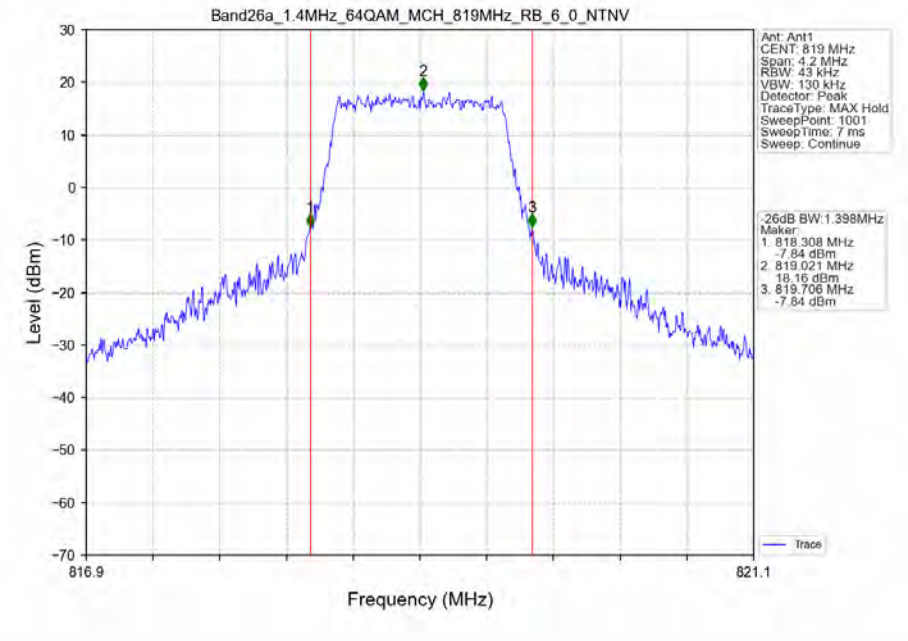
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



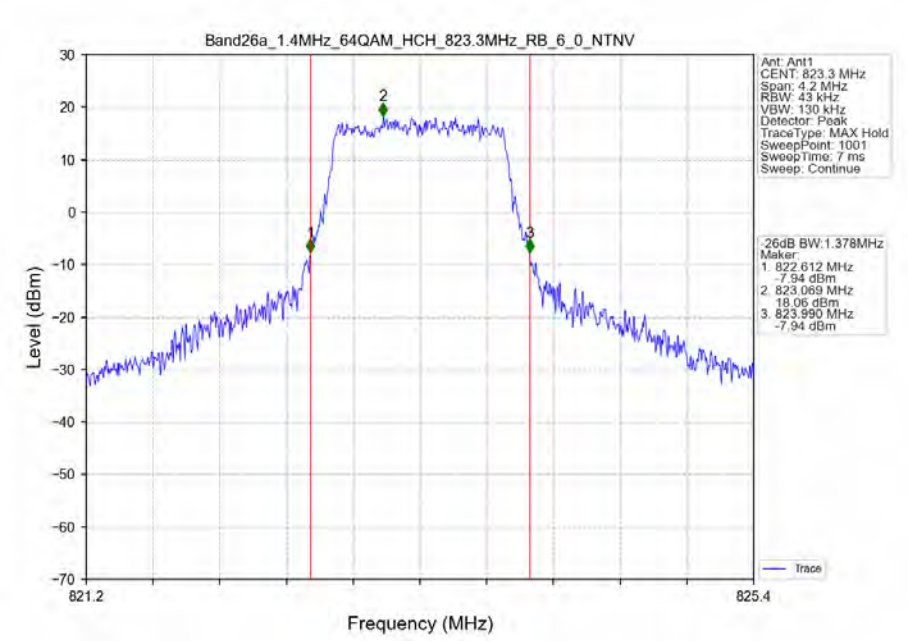
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



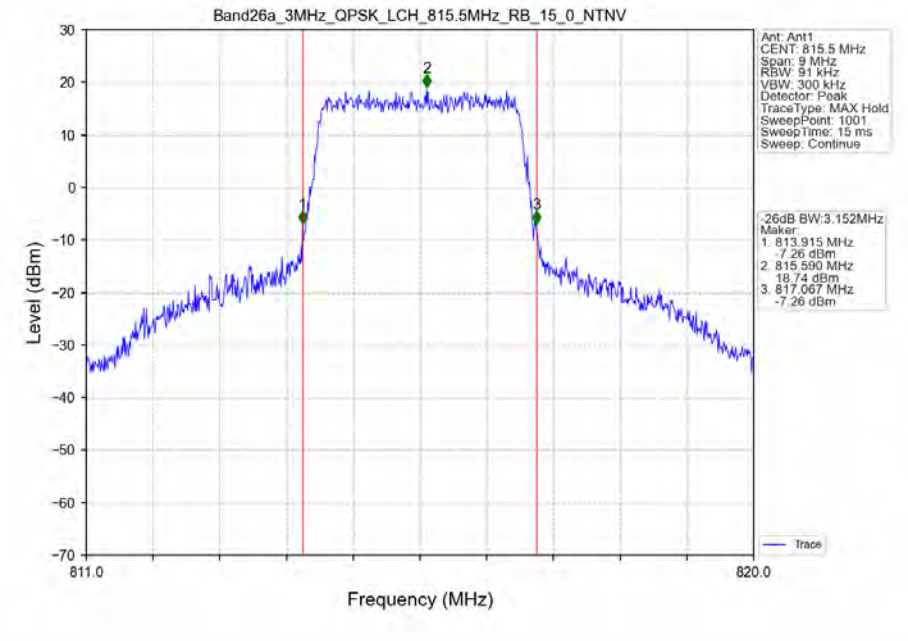
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



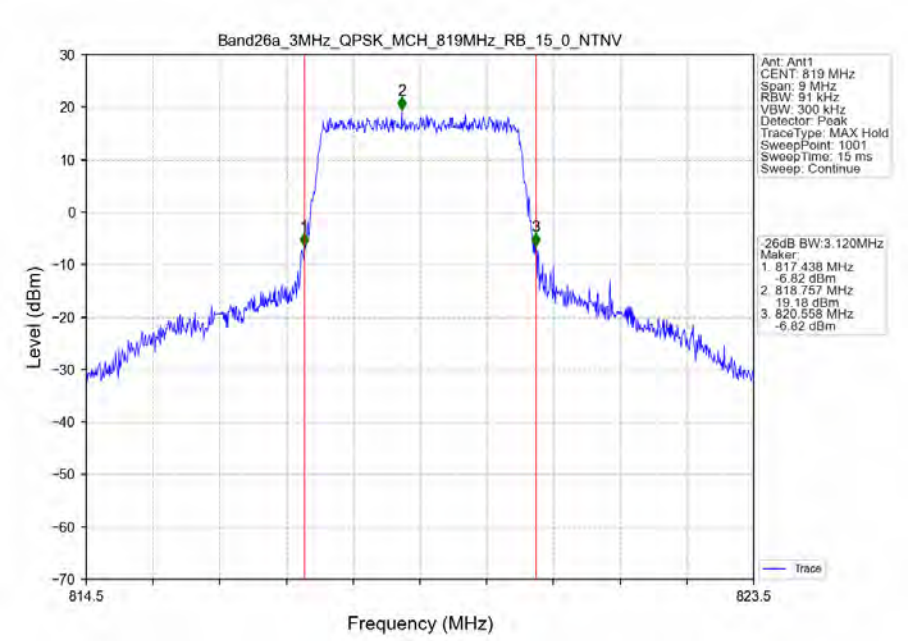
Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



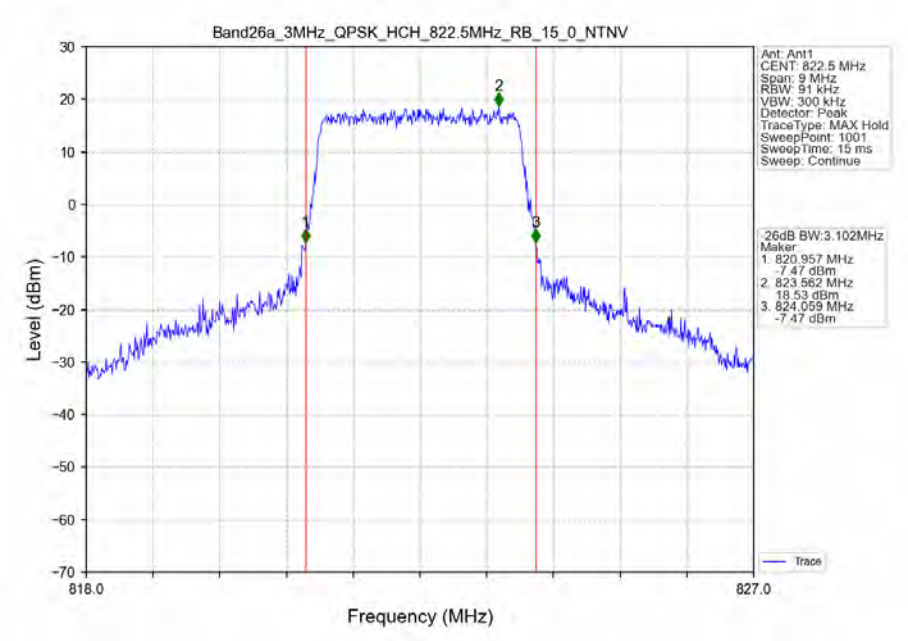
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



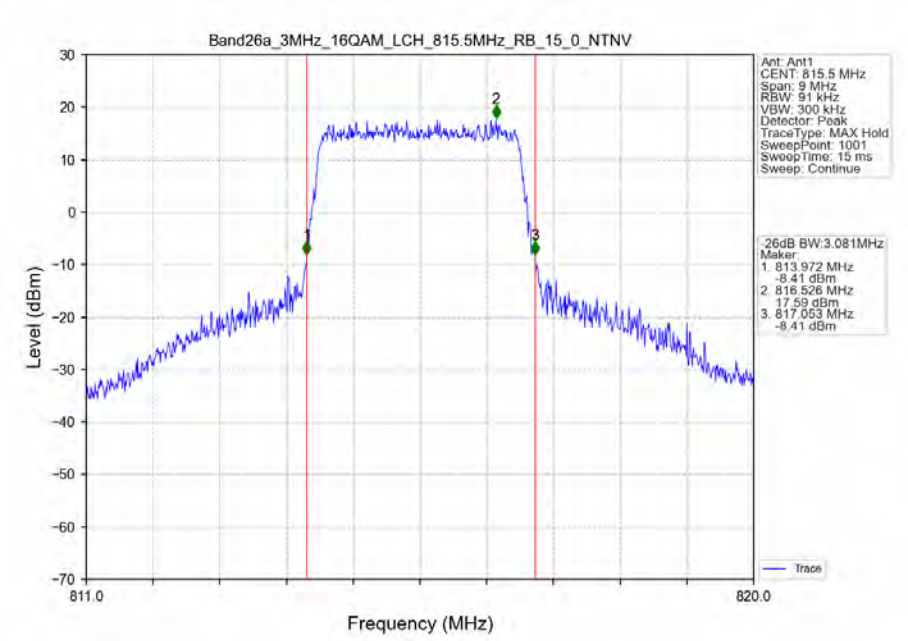
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



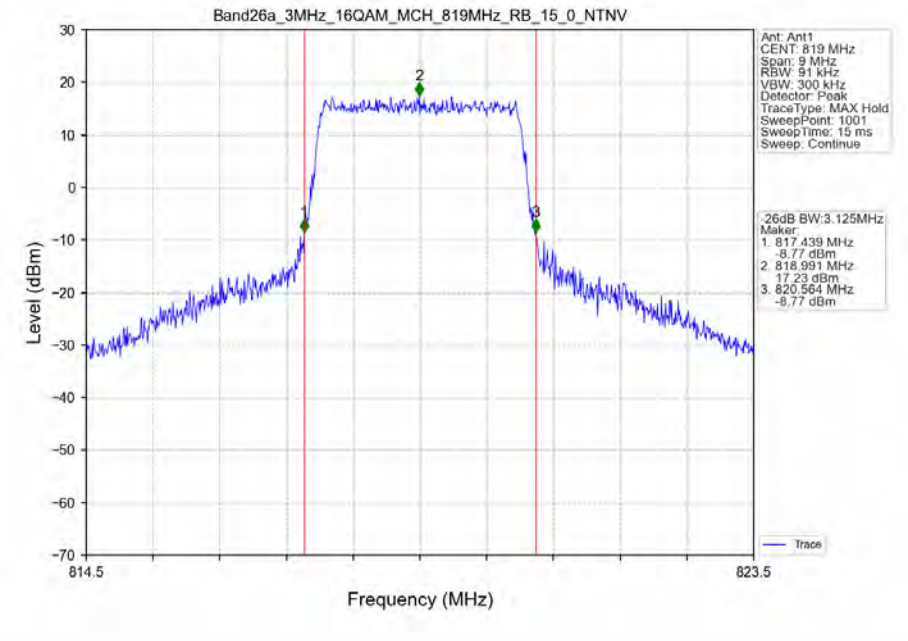
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



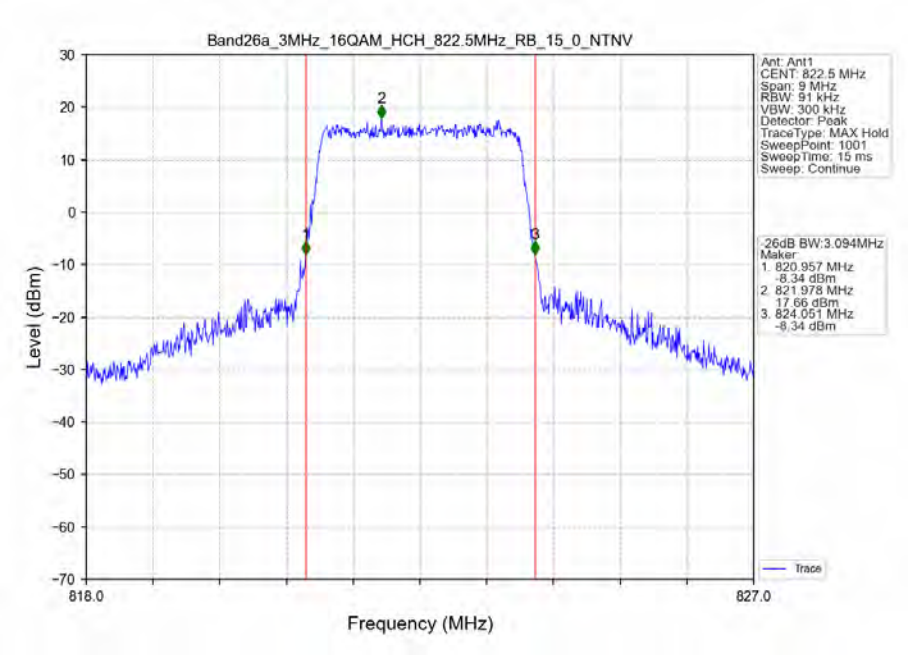
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



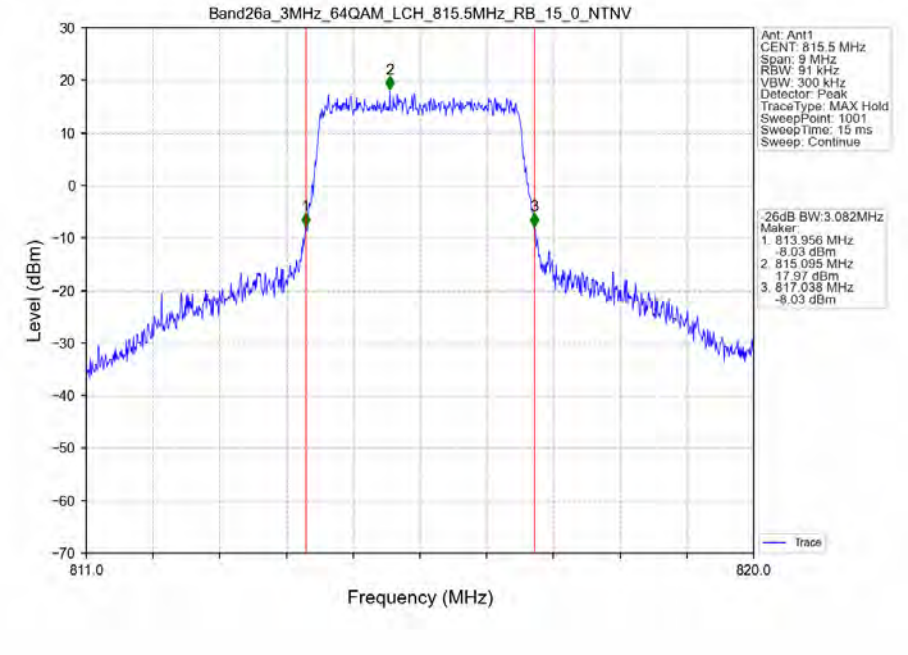
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



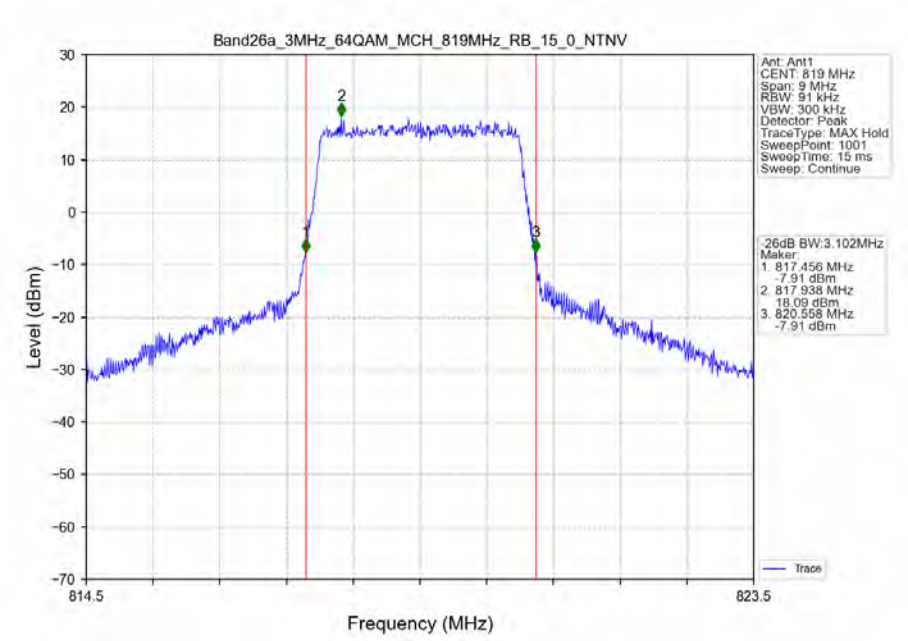
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



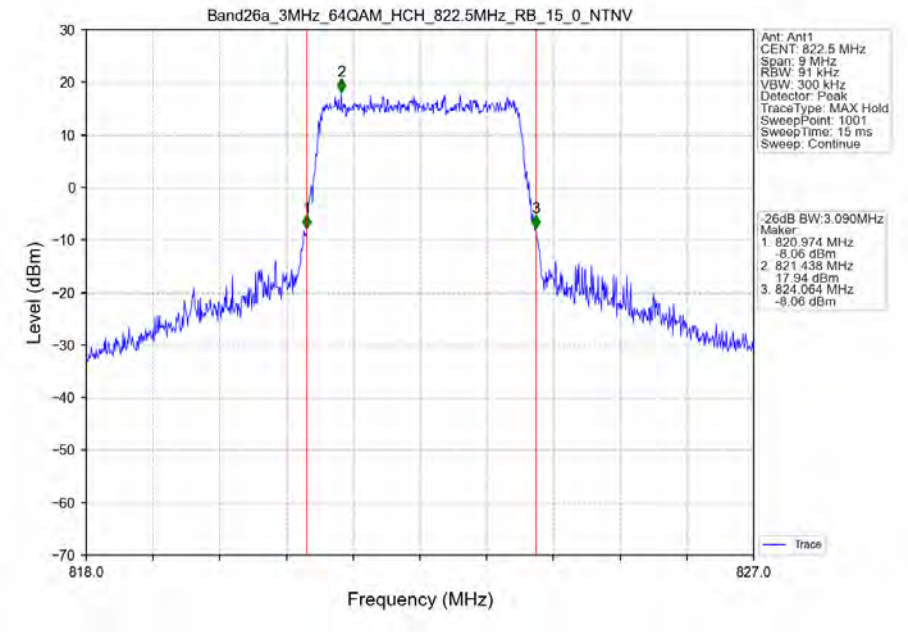
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



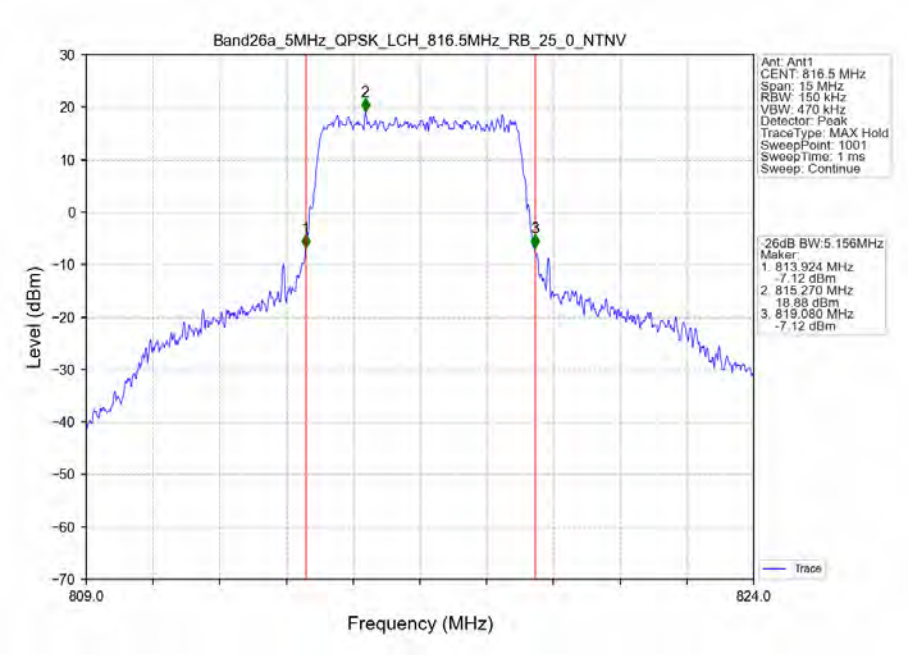
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



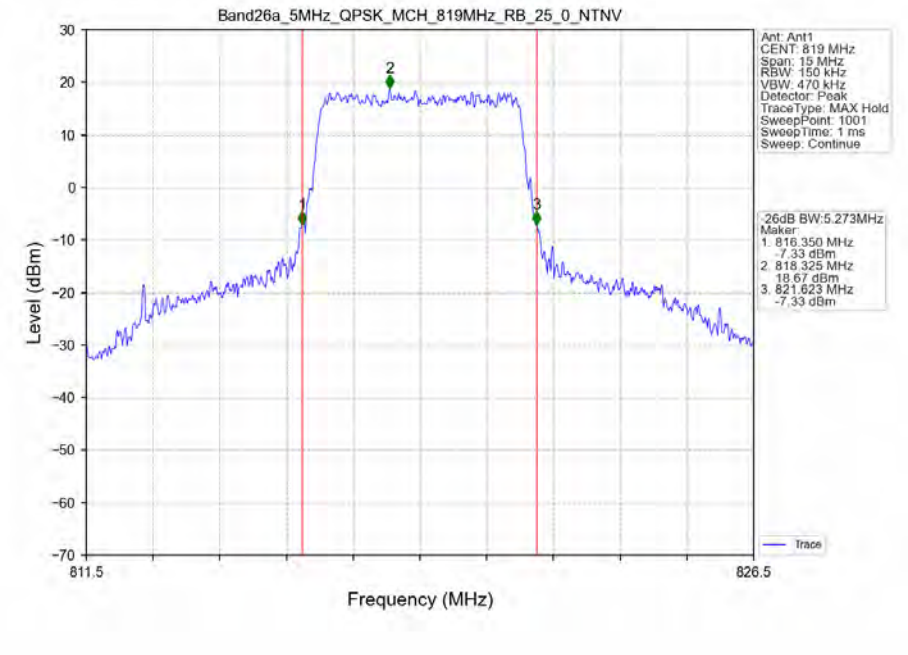
Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



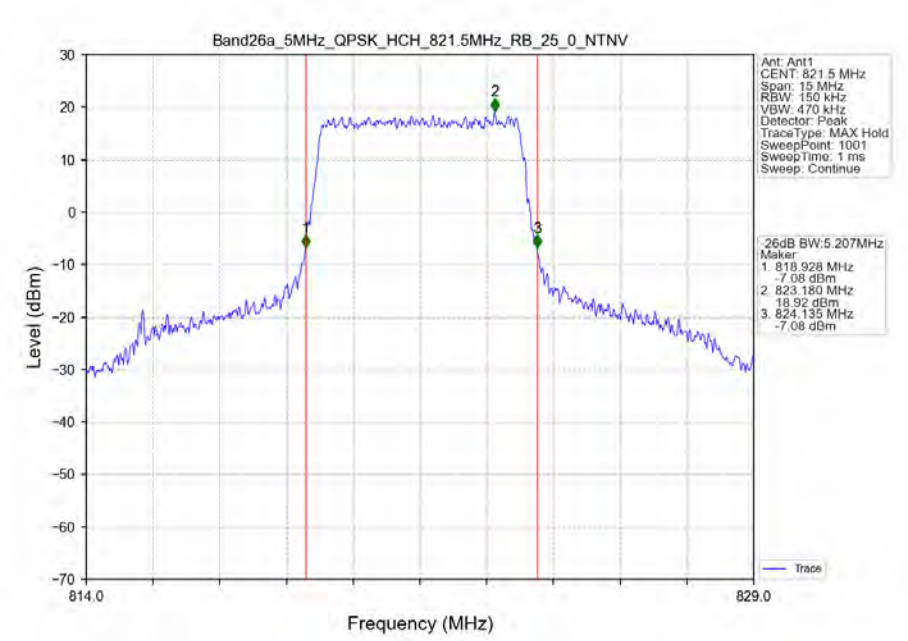
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



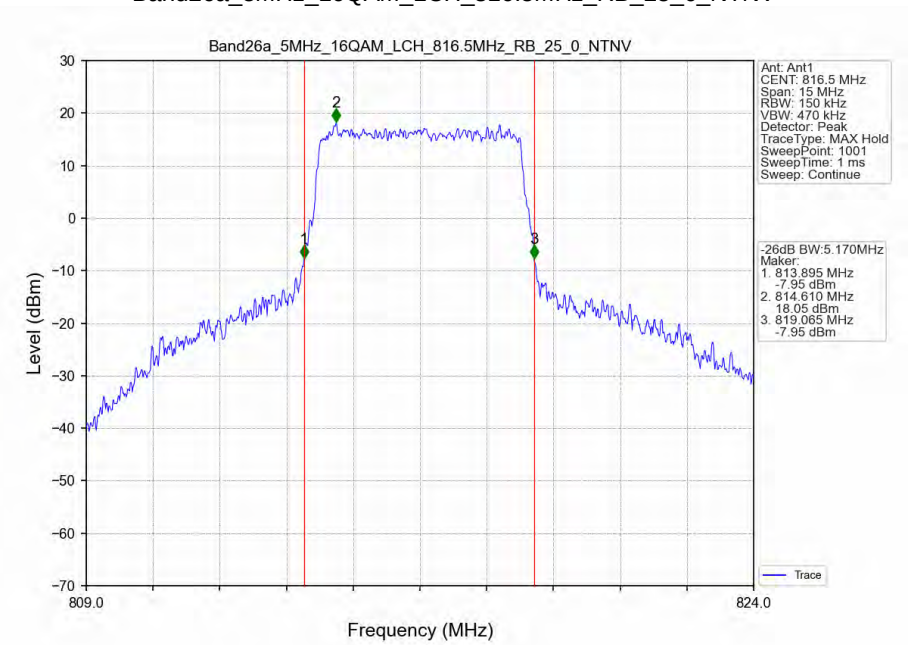
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



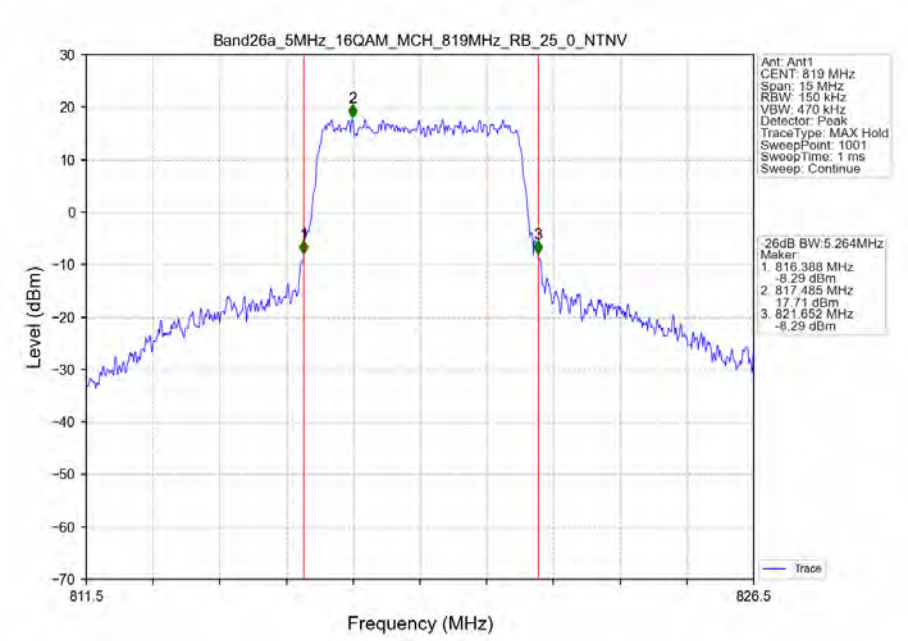
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



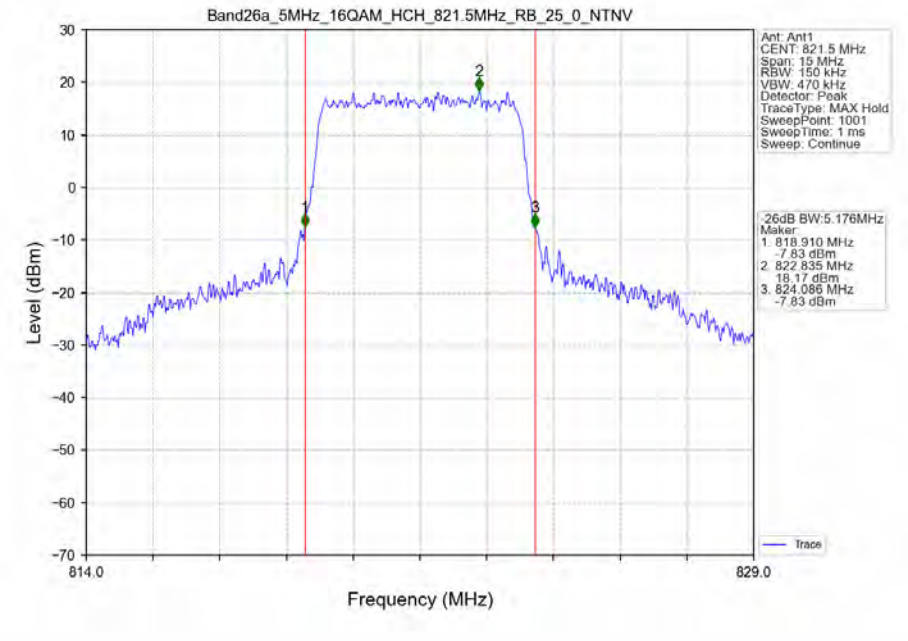
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



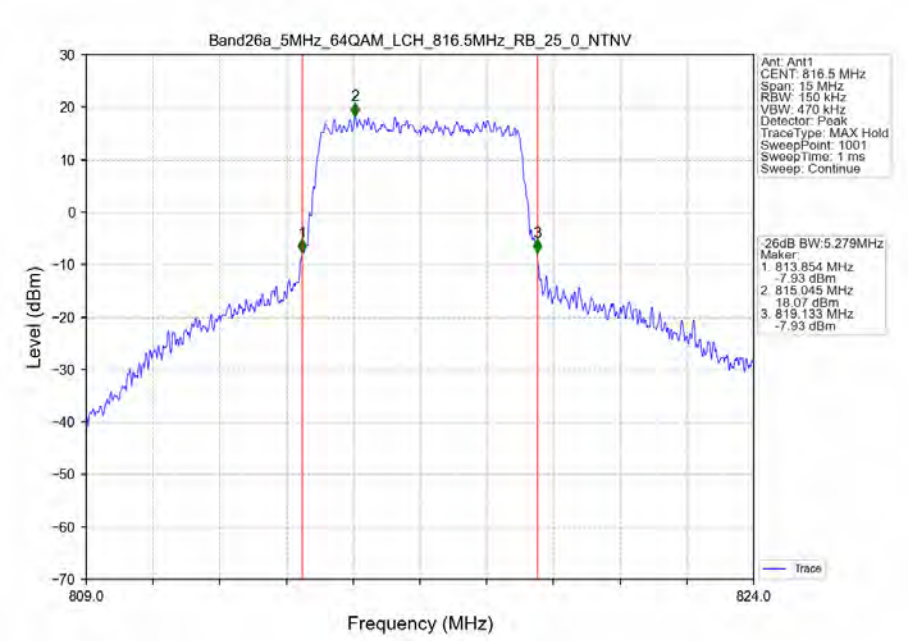
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



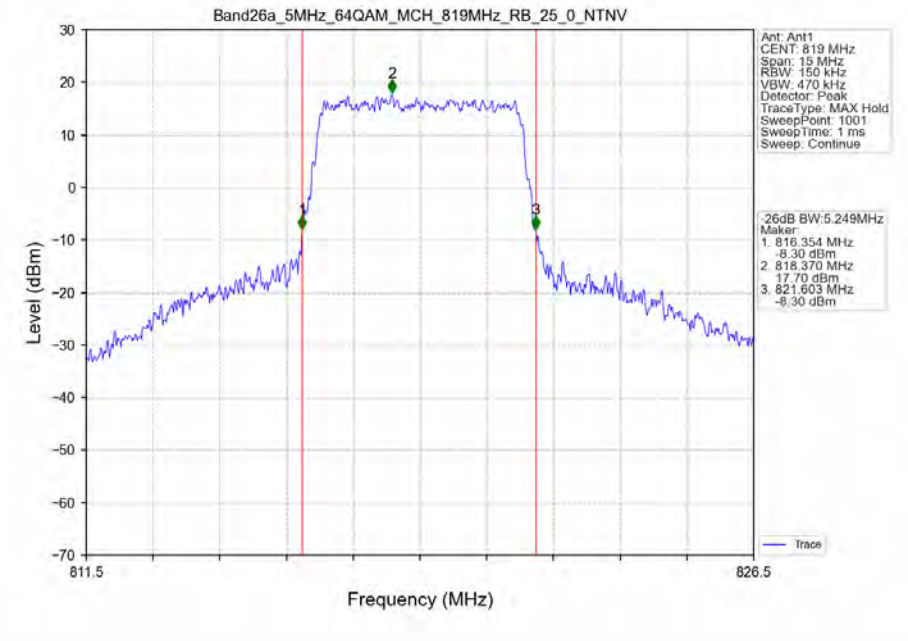
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



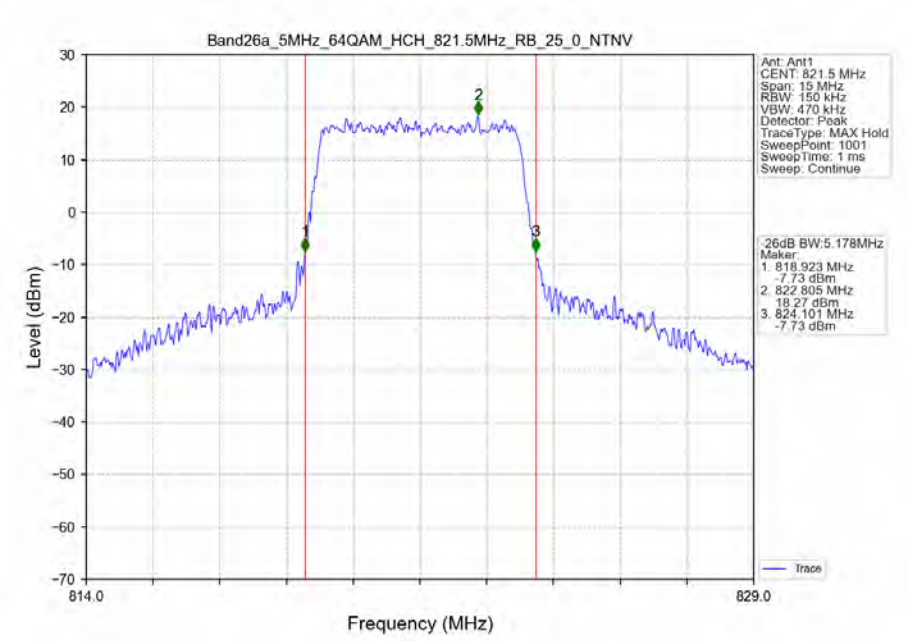
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



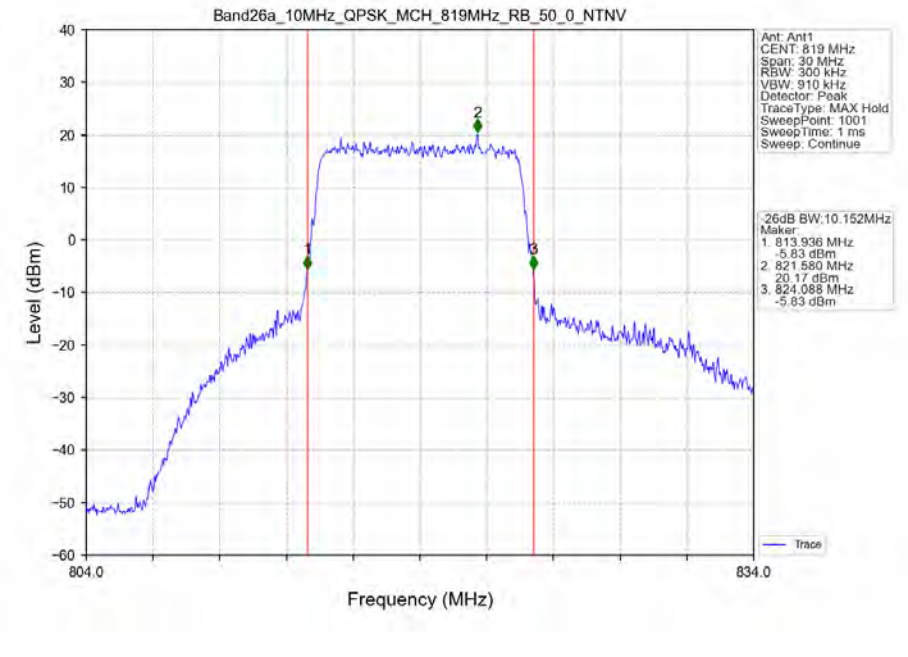
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



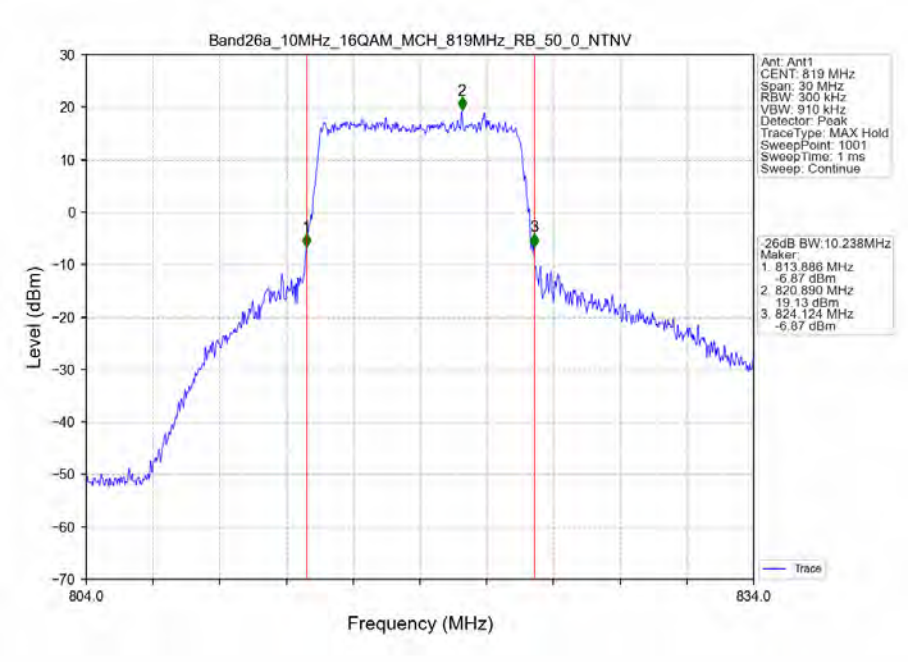
Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



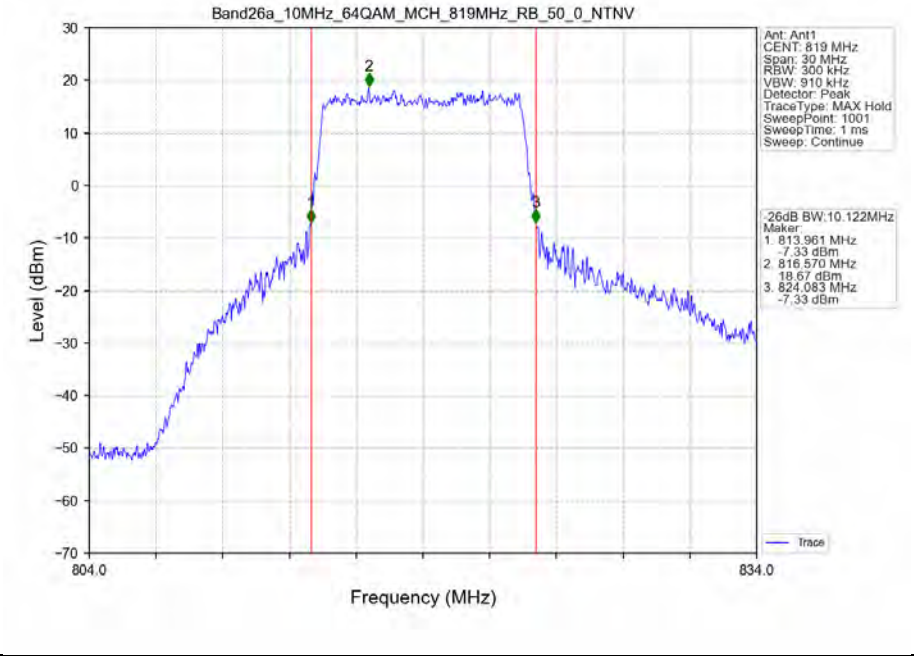
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



4. Peak-Average Ratio

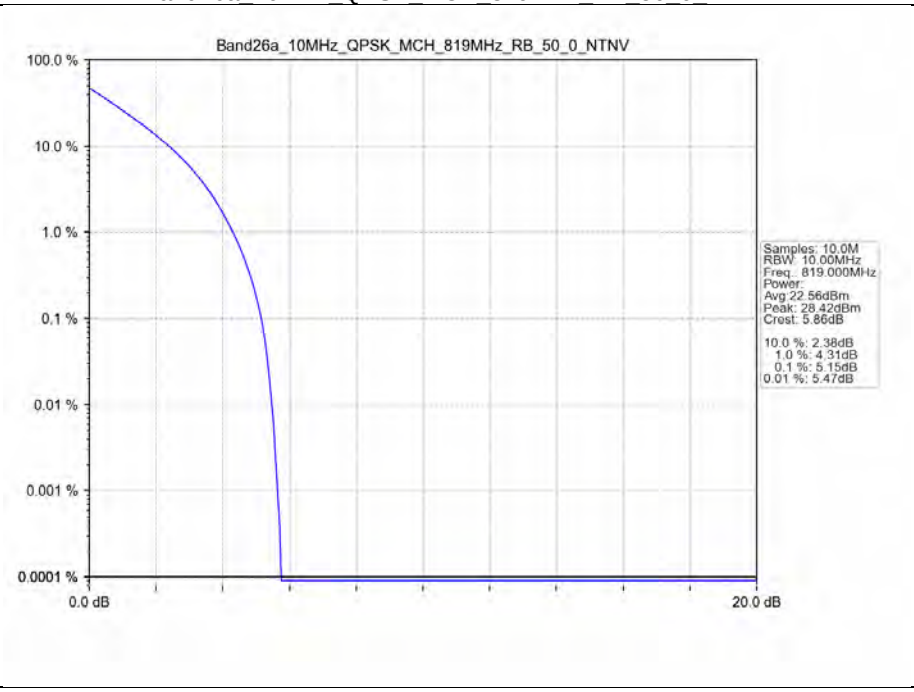
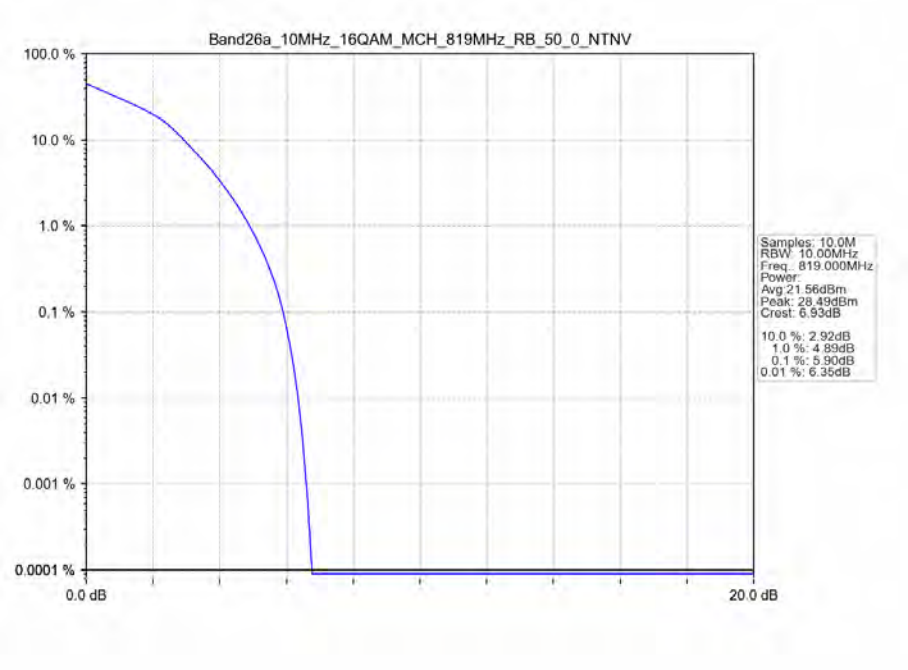
4.1 Test Result

4.1.1 B26a_10MHz

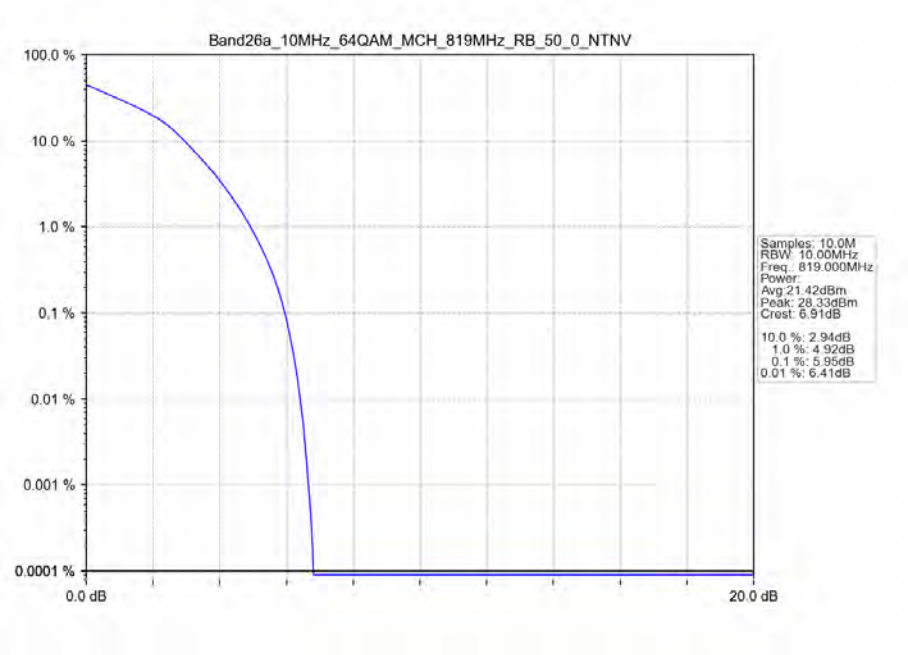
Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.15	<=13	Pass
16QAM	819	50	0	5.90	<=13	Pass
64QAM	819	50	0	5.95	<=13	Pass

4.2 Test Graph

4.2.1 B26a_10MHz

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV


Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
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
	819	1	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

5.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

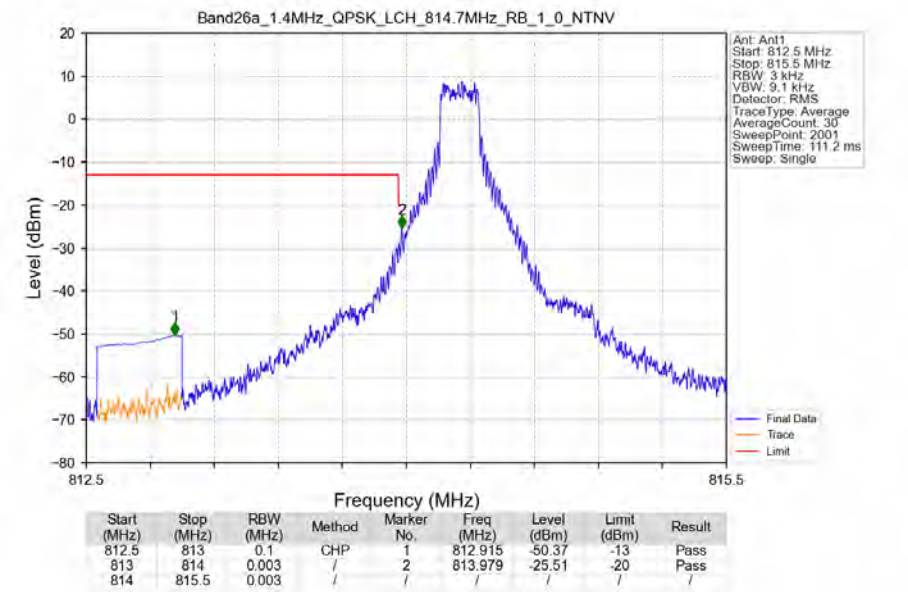
5.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

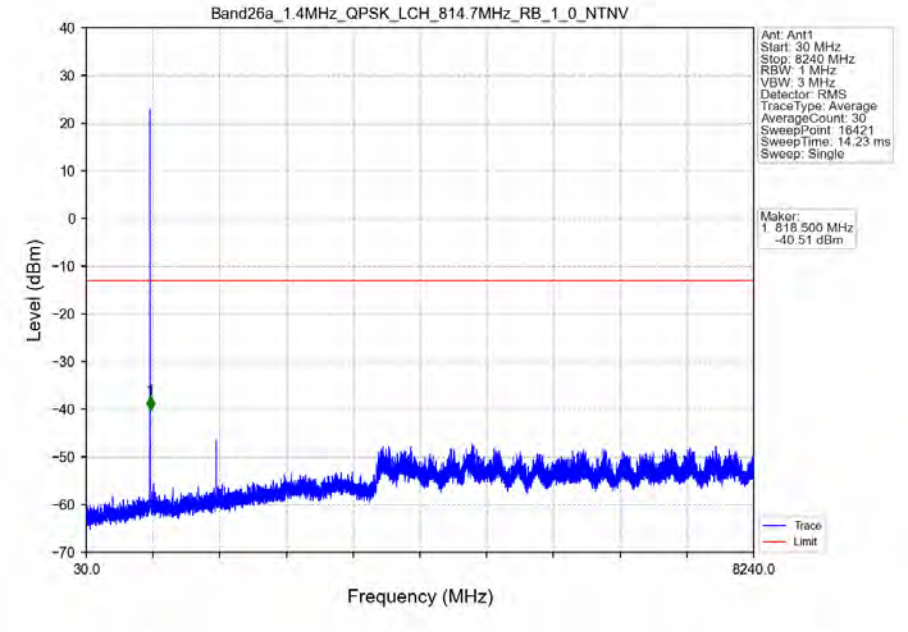
5.2.1 B26a_1.4MHz

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

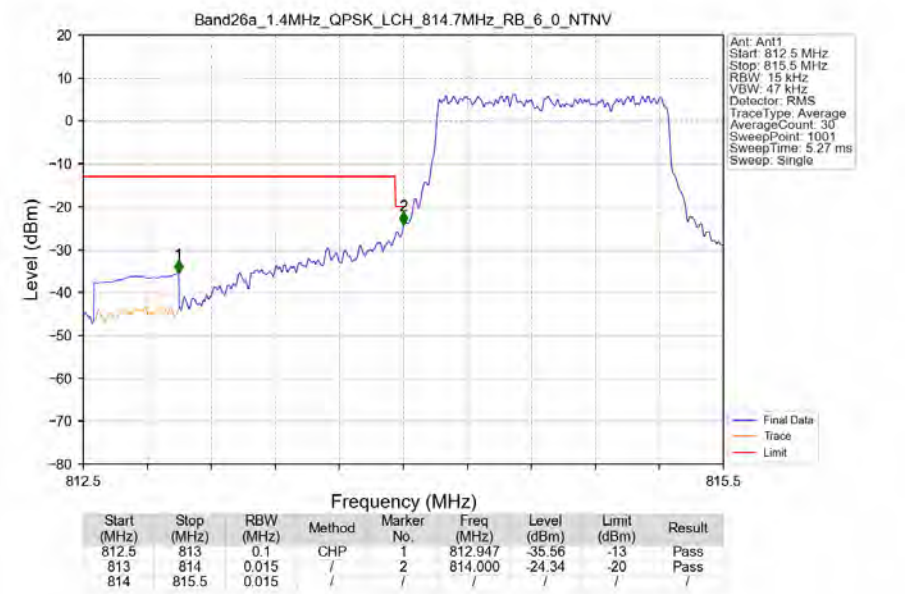


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.915	-50.37	-13	Pass
813	814	0.003	/	2	813.979	-25.51	-20	Pass
814	815.5	0.003	/	/	/	/	/	/

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

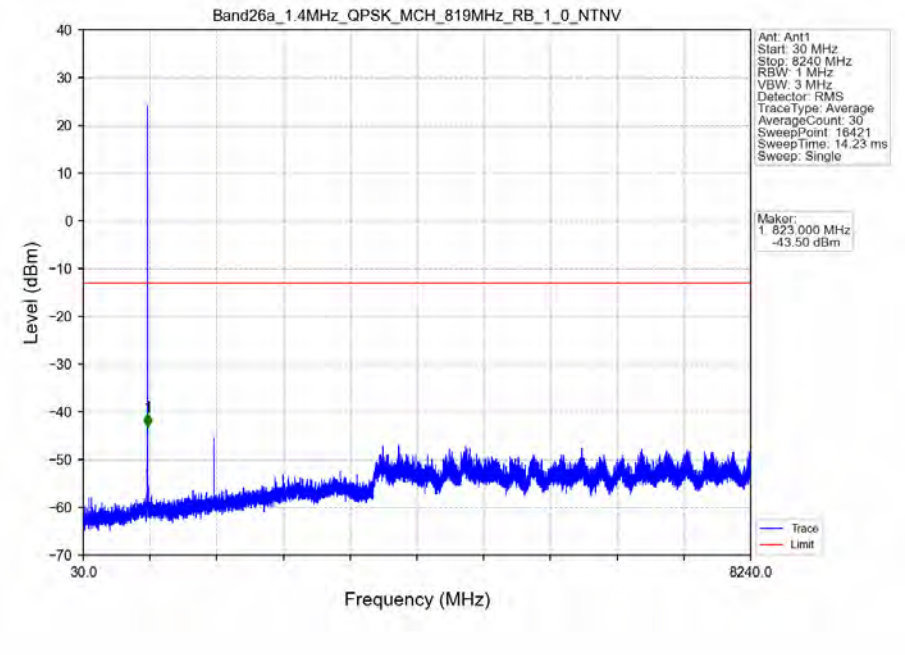


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

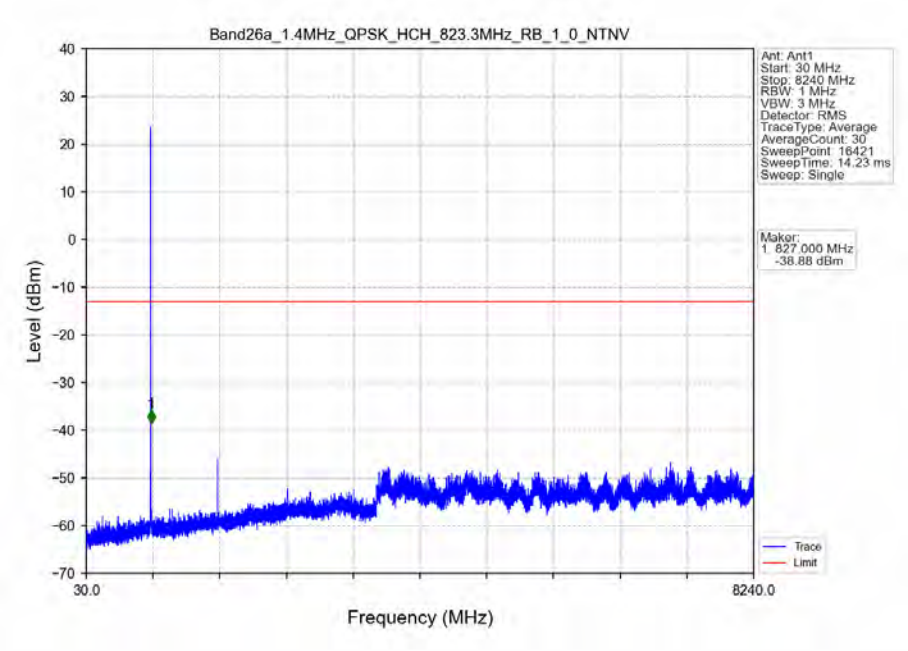


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	CHP	1	812.947	-35.56	-13	Pass
813	814	0.015	/	2	814.000	-24.34	-20	Pass
814	815.5	0.015	/	/	/	/	/	/

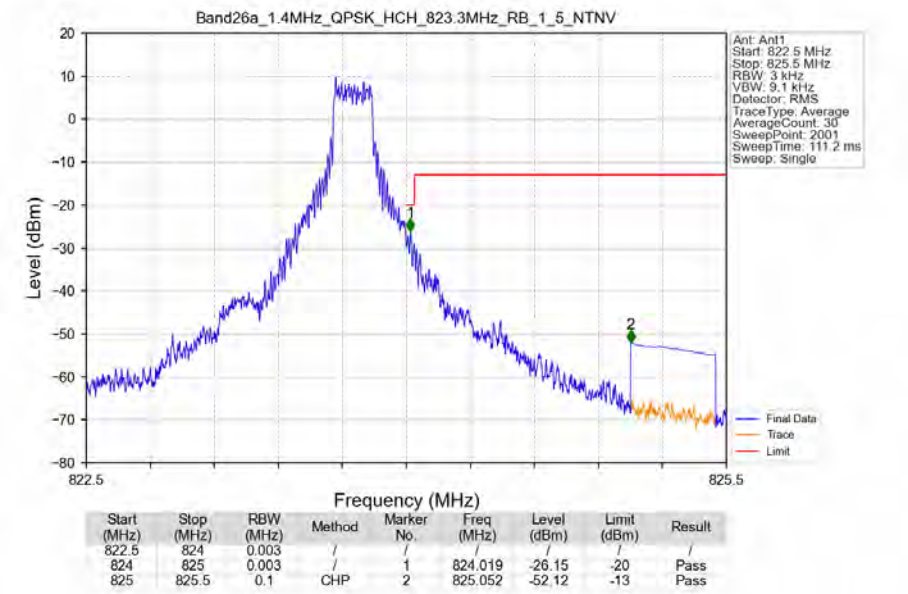
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

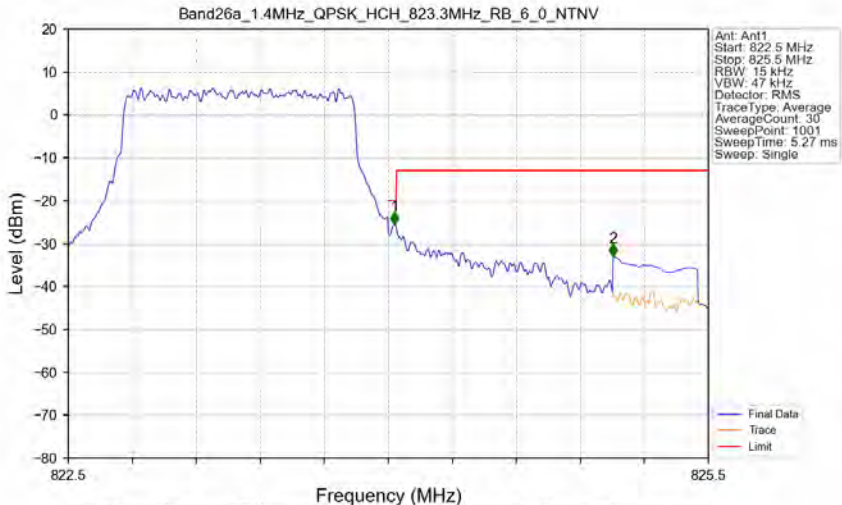


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



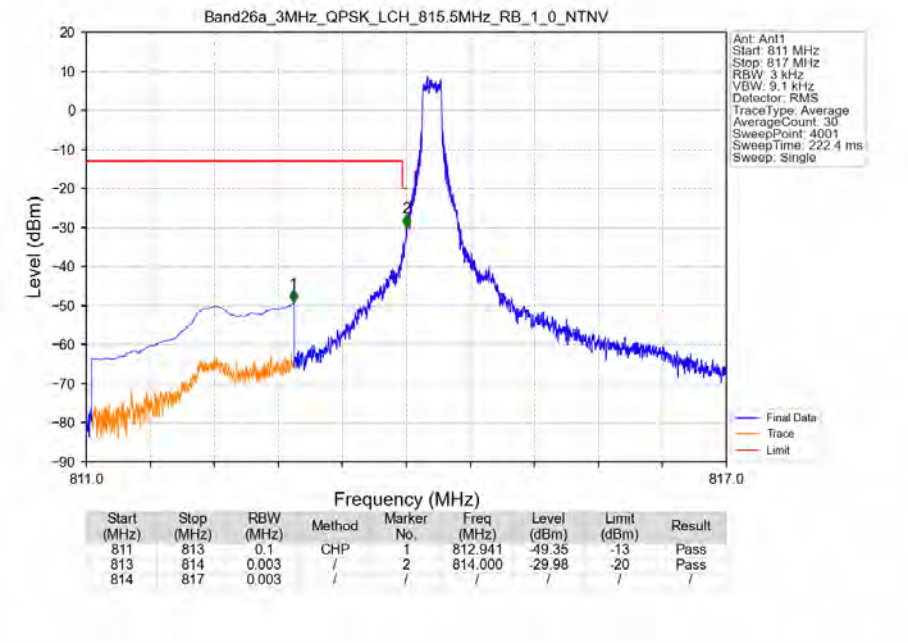
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.019	-26.15	-20	Pass
825	825.5	0.1	CHP	2	825.052	-52.12	-13	Pass

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV

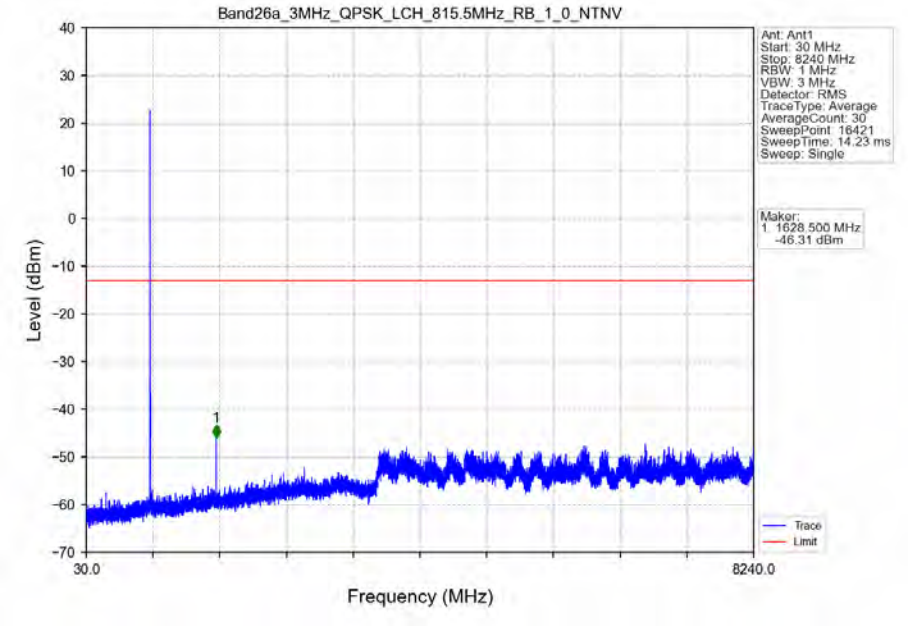


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.015	/	/	/	/	/	/
824	825	0.015	/	1	824.030	-25.62	-20	Pass
825	825.5	0.1	CHP	2	825.053	-33.11	-13	Pass

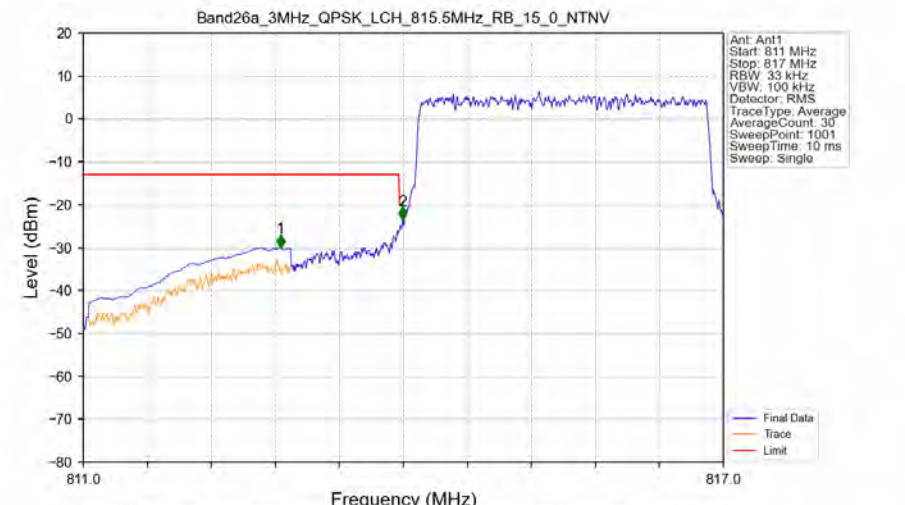
5.2.2 B26a_3MHz

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.941	-49.35	-13	Pass
813	814	0.003	/	2	814.000	-29.98	-20	Pass
814	817	0.003	/	/	/	/	/	/

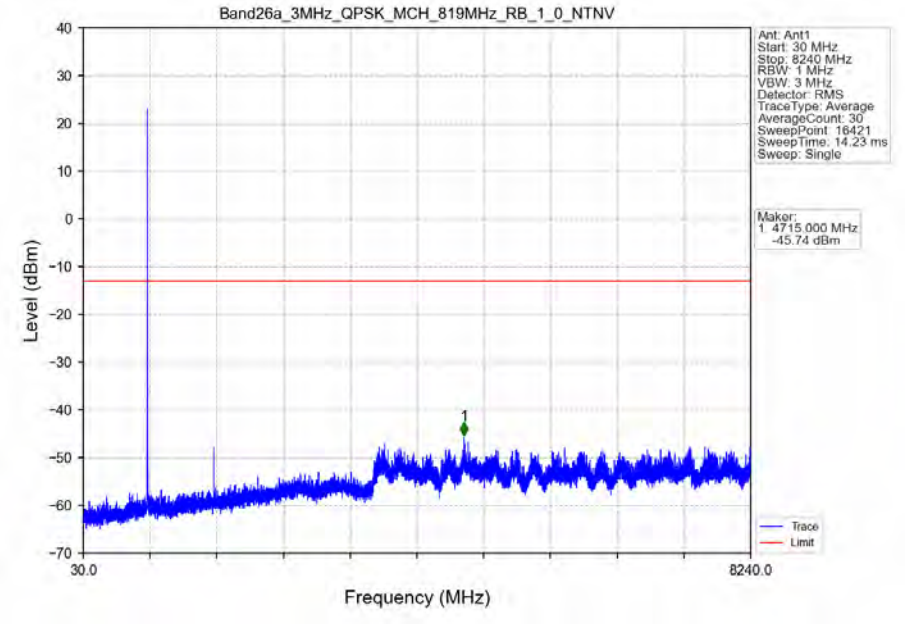
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

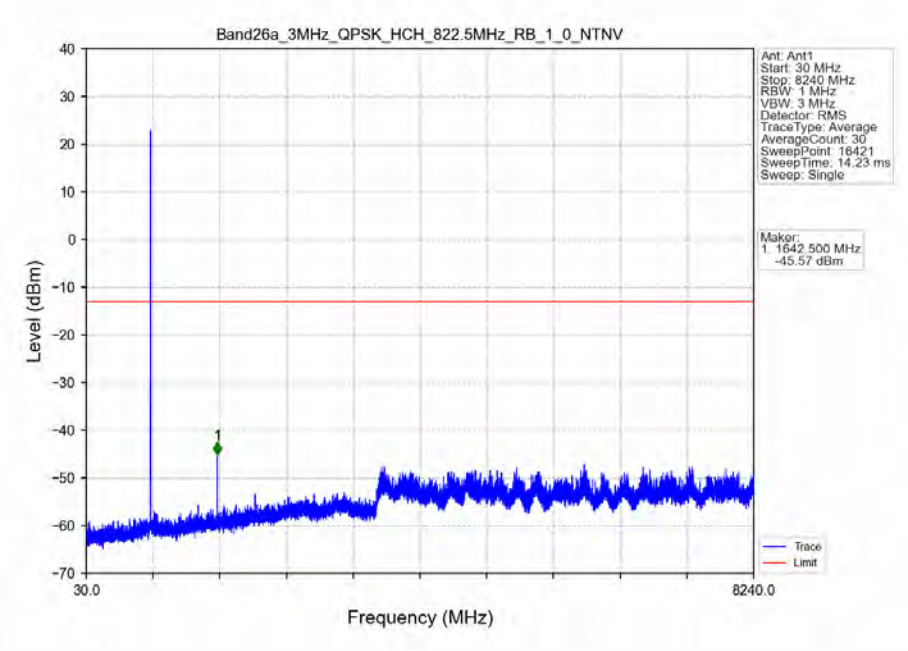


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.848	-30.03	-13	Pass
813	814	0.033	/	2	813.994	-23.58	-20	Pass
814	817	0.033	/	/	/	/	/	/

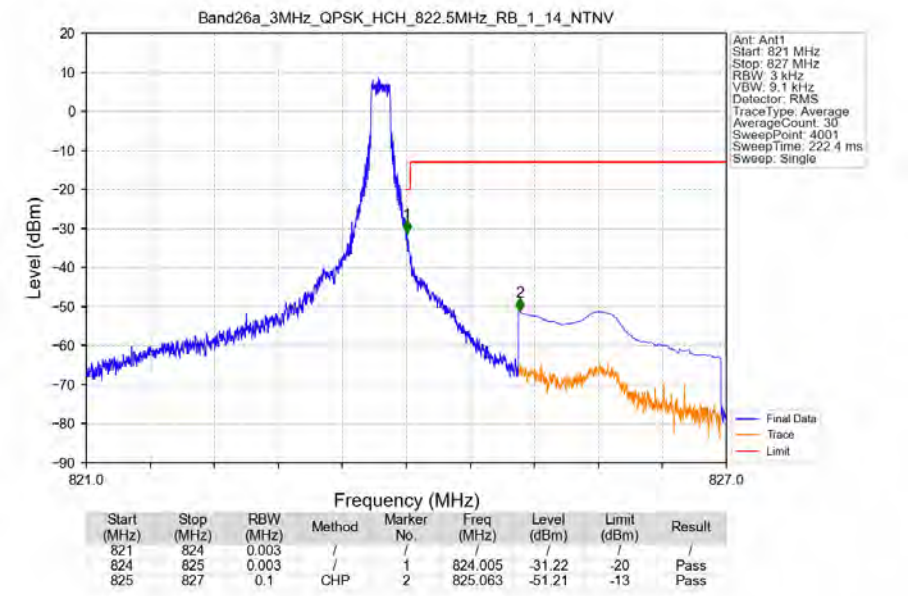
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

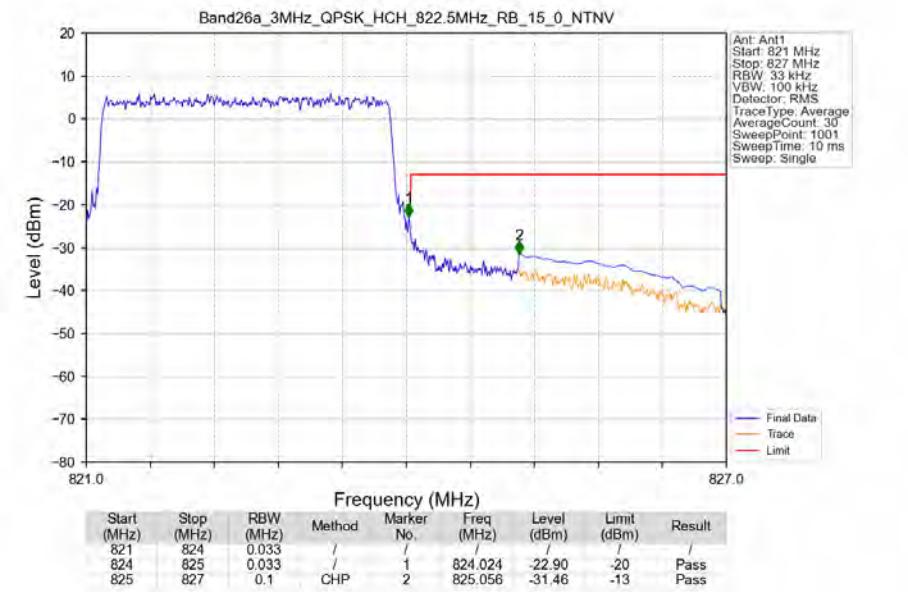


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.005	-31.22	-20	Pass
825	827	0.1	CHP	2	825.063	-51.21	-13	Pass

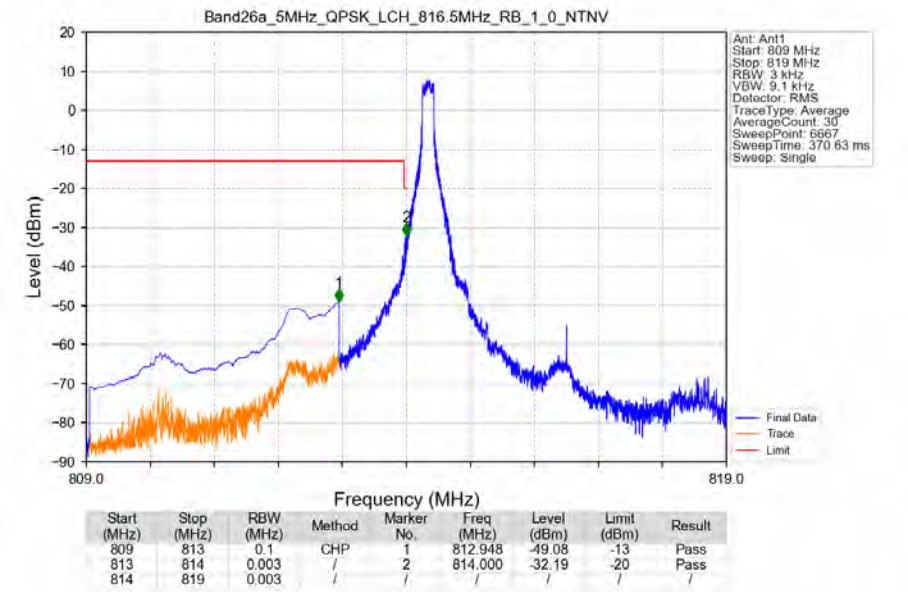
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.024	-22.90	-20	Pass
825	827	0.1	CHP	2	825.056	-31.46	-13	Pass

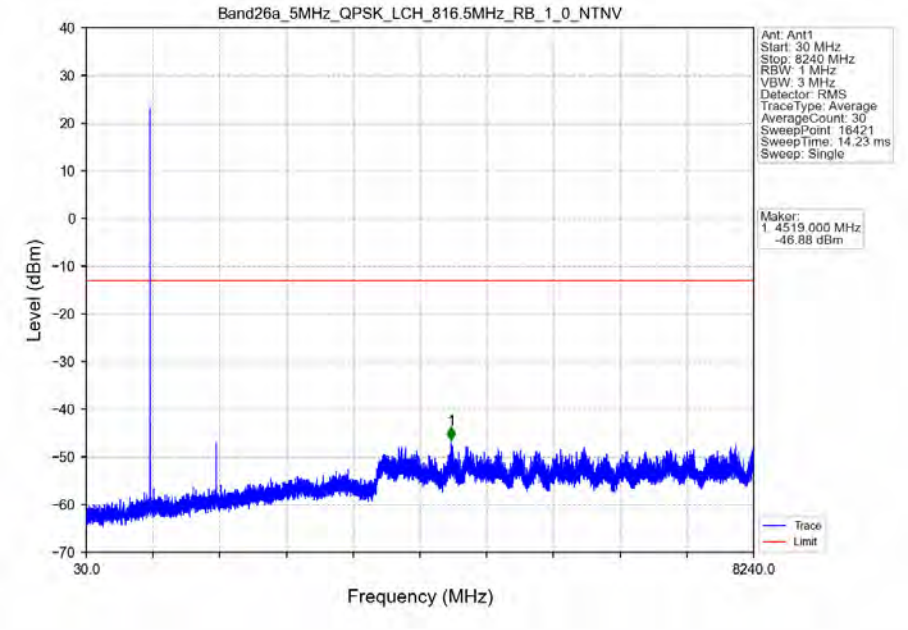
5.2.3 B26a_5MHz

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

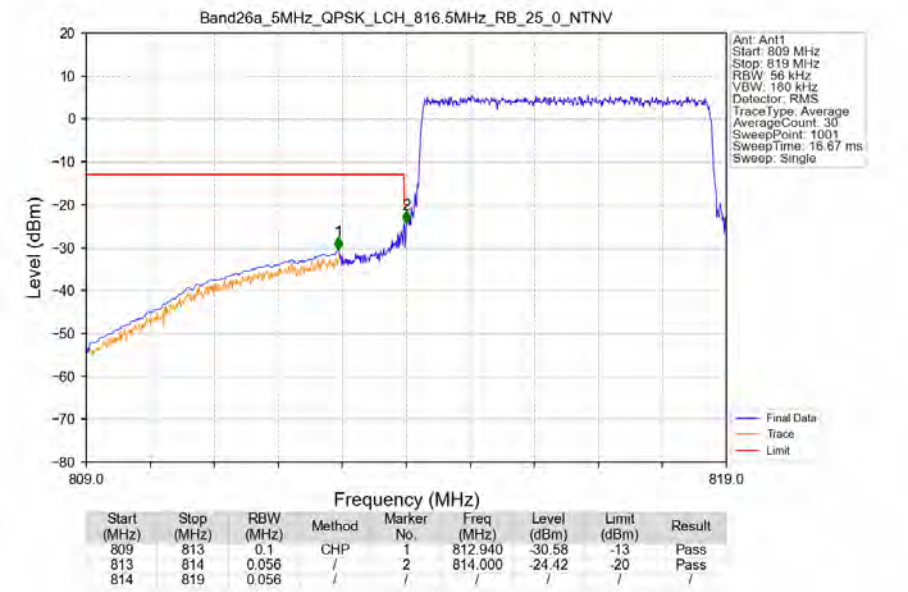


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.948	-49.08	-13	Pass
813	814	0.003	/	2	814.000	-32.19	-20	Pass
814	819	0.003	/	/	/	/	/	/

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

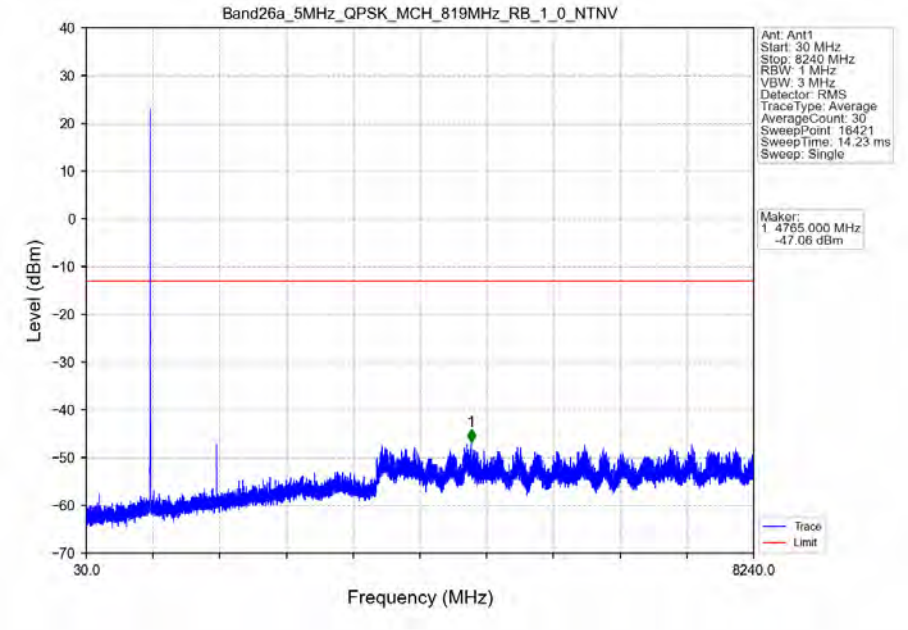


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

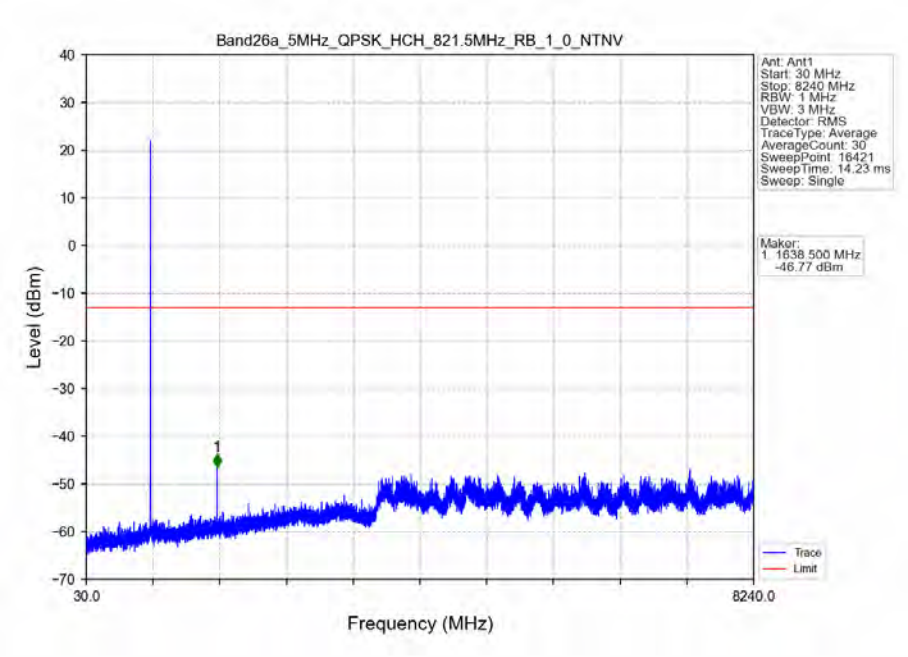


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.940	-30.58	-13	Pass
813	814	0.056	/	2	814.000	-24.42	-20	Pass
814	819	0.056	/	/	/	/	/	/

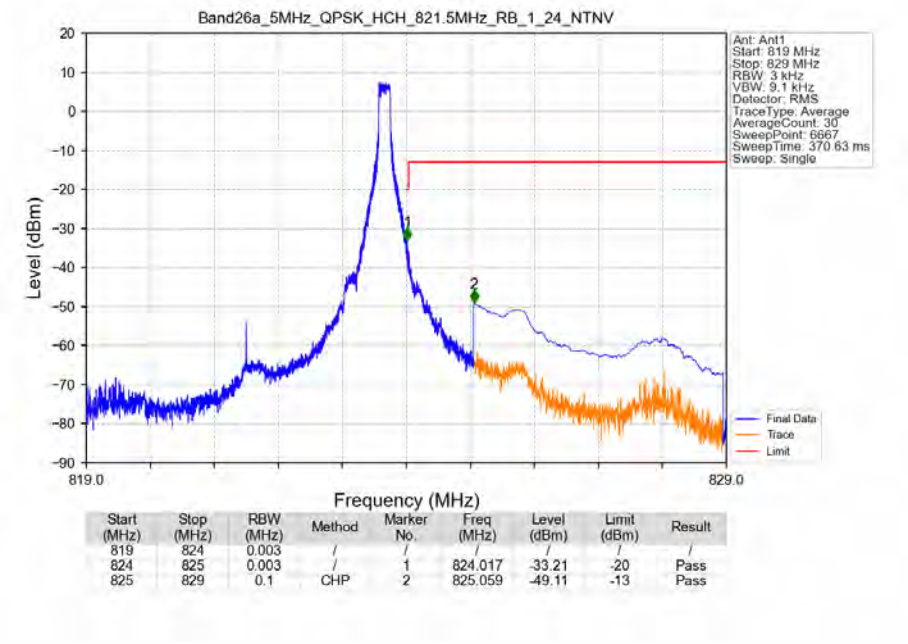
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

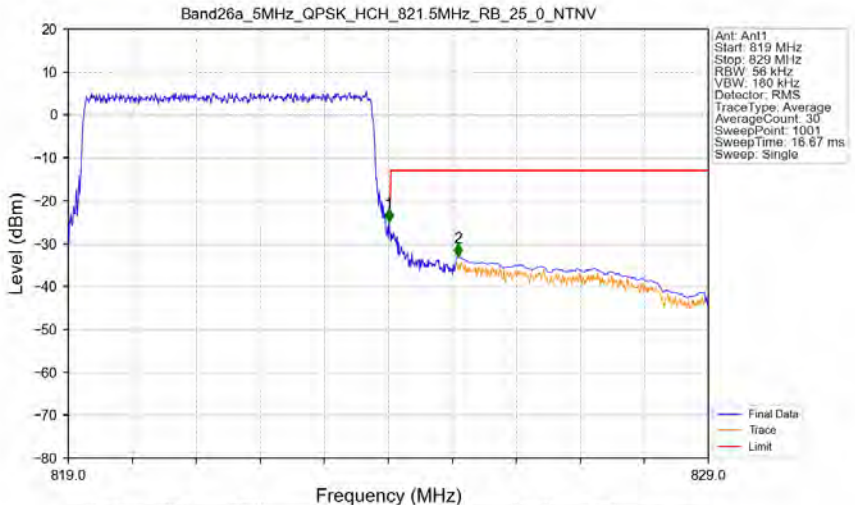


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



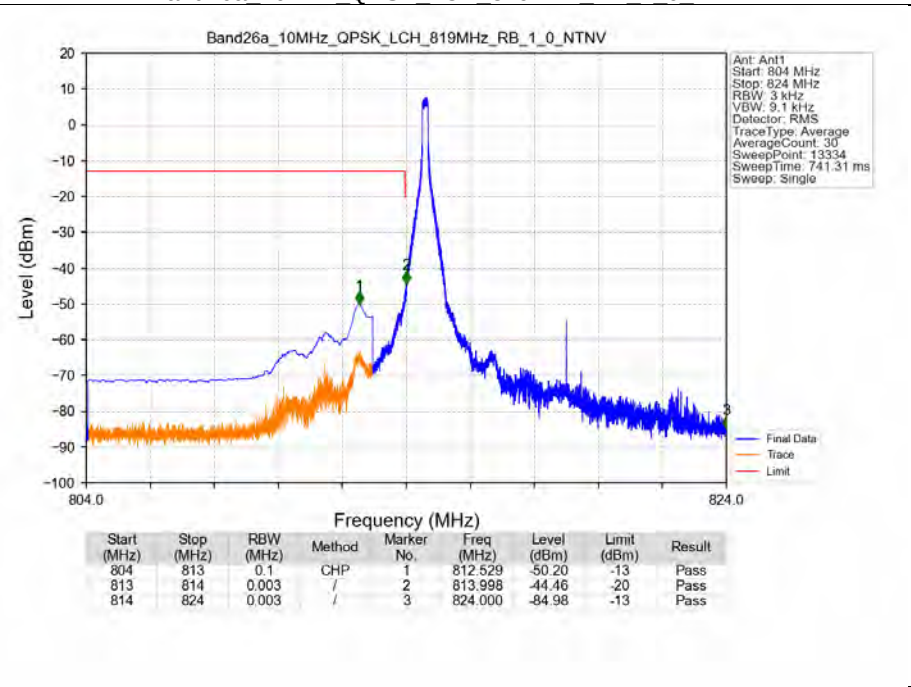
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.017	-33.21	-20	Pass
825	829	0.1	CHP	2	825.059	-49.11	-13	Pass

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV

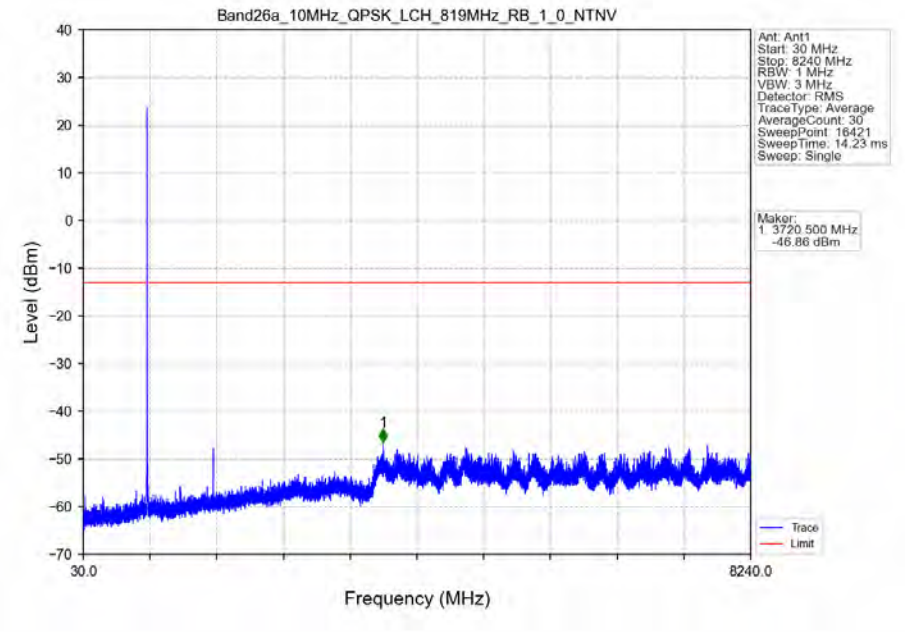


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.056	/	/	/	/	/	/
824	825	0.056	/	1	824.010	-24.94	-20	Pass
825	829	0.1	CHP	2	825.090	-33.06	-13	Pass

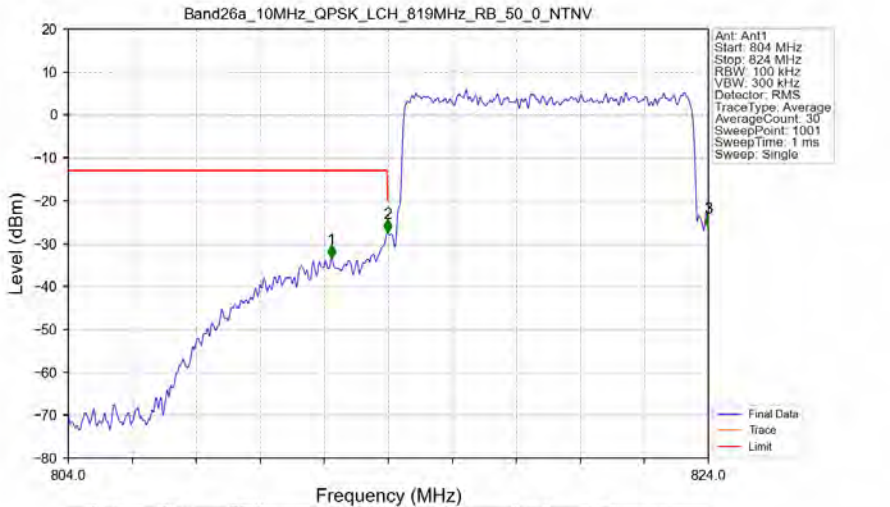
5.2.4 B26a_10MHz

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	812.529	-50.20	-13	Pass
813	814	0.003	/	2	813.998	-44.46	-20	Pass
814	824	0.003	/	3	824.000	-84.98	-13	Pass

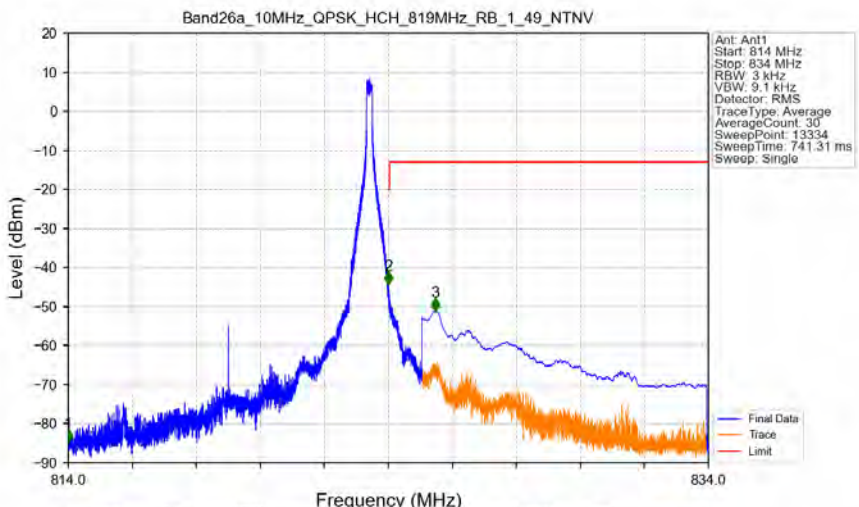
Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



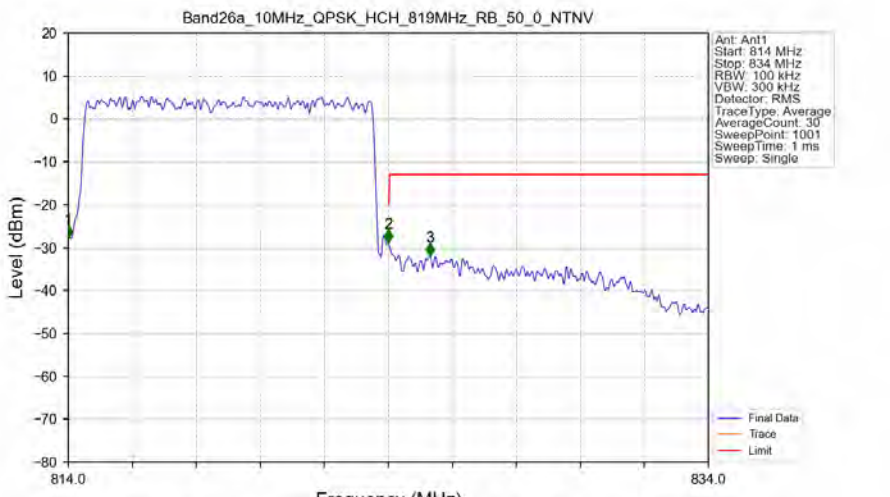
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.220	-33.41	-13	Pass
813	814	0.102	/	2	813.980	-27.49	-20	Pass
814	824	0.102	/	3	824.000	-26.32	-13	Pass

Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	1	814.000	-84.77	-13	Pass
824	824	0.003	/	/	/	/	/	/
824	825	0.003	/	2	824.002	-44.48	-20	Pass
825	834	0.1	CHP	3	825.468	-51.16	-13	Pass

Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.102	/	1	814.000	-27.79	-13	Pass
824	824	0.102	/	/	/	/	/	/
824	825	0.102	/	2	824.000	-28.90	-20	Pass
825	834	0.1	/	3	825.300	-32.06	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26(814-824)-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1643.0	-58.67	-13	-45.67	-62.09	2.1	5.52	Horizontal	Pass
2464.5	-41.56	-13	-28.56	-44.65	2.64	5.73	Horizontal	Pass
3296.0	-56.12	-13	-43.12	-60.62	3.16	7.66	Horizontal	Pass
1643.0	-58.48	-13	-45.48	-61.9	2.1	5.52	Vertical	Pass
2464.5	-40.95	-13	-27.95	-44.04	2.64	5.73	Vertical	Pass
3296.0	-54.92	-13	-41.92	-59.42	3.16	7.66	Vertical	Pass

LTE Band 26(814-824)-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1662.0	-57.05	-13	-44.05	-60.41	2.11	5.47	Horizontal	Pass
2493.0	-57.34	-13	-44.34	-60.48	2.66	5.8	Horizontal	Pass
3324.0	-55.15	-13	-42.15	-59.71	3.17	7.73	Horizontal	Pass
1662.0	-59.11	-13	-46.11	-62.47	2.11	5.47	Vertical	Pass
2493.0	-58.53	-13	-45.53	-61.67	2.66	5.8	Vertical	Pass
3324.0	-55.72	-13	-42.72	-60.28	3.17	7.73	Vertical	Pass

LTE Band 26(814-824)-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
1683.0	-55.2	-13	-42.2	-58.49	2.13	5.42	Horizontal	Pass
2524.5	-58.29	-13	-45.29	-61.49	2.67	5.87	Horizontal	Pass
3366.0	-56.16	-13	-43.16	-60.8	3.2	7.84	Horizontal	Pass
1683.0	-58.61	-13	-45.61	-61.9	2.13	5.42	Vertical	Pass
2524.5	-59.07	-13	-46.07	-62.27	2.67	5.87	Vertical	Pass
3366.0	-55.03	-13	-42.03	-59.67	3.2	7.84	Vertical	Pass

---End of Attachment---