1. Transmitter Conducted Power Output (External Antenna)

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)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	23.52	<=50	Pass
			2	23.48	<=50	Pass
			5	23.92	<=50	Pass
		3	0	23.55	<=50	Pass
			2	23.57	<=50	Pass
			3	23.54	<=50	Pass
		6	0	22.72	<=50	Pass
	819	1	0	23.59	<=50	Pass
			2	23.53	<=50	Pass
			5	23.59	<=50	Pass
		3	0	23.61	<=50	Pass
			2	23.61	<=50	Pass
			3	23.52	<=50	Pass
		6	0	22.56	<=50	Pass
	823.3	1	0	23.67	<=50	Pass
			2	23.65	<=50	Pass
			5	23.64	<=50	Pass
		3	0	23.53	<=50	Pass
			2	23.53	<=50	Pass
			3	23.50	<=50	Pass
		6	0	22.59	<=50	Pass
16QAM	814.7	1	0	21.89	<=50	Pass
			2	22.37	<=50	Pass
			5	22.38	<=50	Pass
		3	0	22.71	<=50	Pass
			2	22.89	<=50	Pass
			3	22.65	<=50	Pass
		6	0	21.83	<=50	Pass
	819	1	0	21.91	<=50	Pass
			2	22.33	<=50	Pass
			5	22.30	<=50	Pass
		3	0	22.55	<=50	Pass
			2	22.71	<=50	Pass
			3	22.57	<=50	Pass
		6	0	21.57	<=50	Pass
	823.3	1	0	22.41	<=50	Pass
			2	22.42	<=50	Pass
			5	22.43	<=50	Pass
		3	0	22.64	<=50	Pass
			2	22.78	<=50	Pass
			3	22.68	<=50	Pass
		6	0	21.58	<=50	Pass
64QAM	814.7	1	0	22.48	<=50	Pass
			2	22.31	<=50	Pass
			5	22.41	<=50	Pass
		3	0	22.12	<=50	Pass
			2	22.64	<=50	Pass
			3	22.59	<=50	Pass
		6	0	21.76	<=50	Pass

	819	1	0	22.29	<=50	Pass
			2	22.34	<=50	Pass
			5	22.26	<=50	Pass
		3	0	22.55	<=50	Pass
			2	22.58	<=50	Pass
			3	22.63	<=50	Pass
		6	0	21.84	<=50	Pass
	823.3	1	0	22.32	<=50	Pass
			2	22.29	<=50	Pass
			5	22.38	<=50	Pass
		3	0	22.42	<=50	Pass
			2	22.57	<=50	Pass
			3	22.60	<=50	Pass
		6	0	21.63	<=50	Pass

1.1.2 B26a_3MHz_ERP

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	23.83	<=50	Pass
			7	23.99	<=50	Pass
			14	23.41	<=50	Pass
		8	0	22.54	<=50	Pass
			4	22.47	<=50	Pass
			7	22.30	<=50	Pass
		15	0	22.59	<=50	Pass
	819	1	0	23.49	<=50	Pass
			7	23.72	<=50	Pass
			14	23.34	<=50	Pass
		8	0	22.38	<=50	Pass
			4	22.24	<=50	Pass
			7	22.64	<=50	Pass
		15	0	22.62	<=50	Pass
	822.5	1	0	23.51	<=50	Pass
			7	23.76	<=50	Pass
			14	23.54	<=50	Pass
		8	0	22.63	<=50	Pass
			4	22.54	<=50	Pass
			7	22.62	<=50	Pass
		15	0	22.55	<=50	Pass
16QAM	815.5	1	0	22.13	<=50	Pass
			7	22.59	<=50	Pass
			14	22.52	<=50	Pass
		8	0	21.60	<=50	Pass
			4	21.54	<=50	Pass
			7	21.67	<=50	Pass
		15	0	21.41	<=50	Pass
	819	1	0	22.22	<=50	Pass
			7	22.38	<=50	Pass
			14	22.14	<=50	Pass
		8	0	21.53	<=50	Pass
			4	21.67	<=50	Pass
			7	21.49	<=50	Pass
		15	0	21.49	<=50	Pass
	822.5	1	0	22.51	<=50	Pass
			7	22.61	<=50	Pass

			14	22.24	<=50	Pass
		8	0	21.50	<=50	Pass
			4	21.52	<=50	Pass
			7	21.24	<=50	Pass
		15	0	21.70	<=50	Pass
64QAM	815.5	1	0	22.27	<=50	Pass
			7	22.31	<=50	Pass
			14	22.23	<=50	Pass
		8	0	21.55	<=50	Pass
			4	21.40	<=50	Pass
			7	21.62	<=50	Pass
		15	0	21.43	<=50	Pass
	819	1	0	22.08	<=50	Pass
			7	22.34	<=50	Pass
			14	21.99	<=50	Pass
		8	0	21.48	<=50	Pass
			4	21.55	<=50	Pass
			7	21.59	<=50	Pass
		15	0	21.55	<=50	Pass
	822.5	1	0	22.25	<=50	Pass
			7	22.43	<=50	Pass
			14	21.91	<=50	Pass
		8	0	21.35	<=50	Pass
			4	21.42	<=50	Pass
			7	21.33	<=50	Pass
		15	0	21.68	<=50	Pass

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	23.40	<=50	Pass
			13	23.56	<=50	Pass
			24	23.29	<=50	Pass
		12	0	22.56	<=50	Pass
			6	22.62	<=50	Pass
			13	22.55	<=50	Pass
		25	0	22.64	<=50	Pass
	819	1	0	23.49	<=50	Pass
			13	23.71	<=50	Pass
			24	23.42	<=50	Pass
		12	0	22.61	<=50	Pass
			6	22.61	<=50	Pass
			13	22.48	<=50	Pass
		25	0	22.61	<=50	Pass
	821.5	1	0	23.40	<=50	Pass
			13	23.39	<=50	Pass
			24	23.29	<=50	Pass
		12	0	22.59	<=50	Pass
			6	22.51	<=50	Pass
			13	22.41	<=50	Pass
		25	0	22.53	<=50	Pass
16QAM	816.5	1	0	22.27	<=50	Pass
			13	22.44	<=50	Pass
			24	21.83	<=50	Pass
		12	0	21.36	<=50	Pass

			6	21.69	<=50	Pass
			13	21.65	<=50	Pass
		25	0	21.44	<=50	Pass
	819	1	0	22.26	<=50	Pass
			13	22.26	<=50	Pass
			24	22.11	<=50	Pass
		12	0	21.63	<=50	Pass
			6	21.66	<=50	Pass
			13	21.39	<=50	Pass
		25	0	21.46	<=50	Pass
	821.5	1	0	22.30	<=50	Pass
			13	21.69	<=50	Pass
			24	22.05	<=50	Pass
		12	0	21.48	<=50	Pass
			6	21.49	<=50	Pass
			13	21.29	<=50	Pass
		25	0	21.56	<=50	Pass
64QAM	816.5	1	0	22.00	<=50	Pass
			13	22.29	<=50	Pass
			24	21.60	<=50	Pass
		12	0	21.30	<=50	Pass
			6	21.51	<=50	Pass
			13	21.34	<=50	Pass
		25	0	21.55	<=50	Pass
	819	1	0	21.93	<=50	Pass
			13	22.13	<=50	Pass
			24	21.85	<=50	Pass
		12	0	21.27	<=50	Pass
			6	21.61	<=50	Pass
			13	21.22	<=50	Pass
		25	0	21.53	<=50	Pass
	821.5	1	0	22.35	<=50	Pass
			13	22.39	<=50	Pass
			24	21.36	<=50	Pass
		12	0	21.55	<=50	Pass
			6	21.54	<=50	Pass
			13	21.26	<=50	Pass
		25	0	21.52	<=50	Pass

1.1.4 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	23.54	<=50	Pass
			25	23.80	<=50	Pass
			49	23.55	<=50	Pass
		25	0	22.57	<=50	Pass
			13	22.56	<=50	Pass
			25	22.46	<=50	Pass
		50	0	22.55	<=50	Pass
16QAM	819	1	0	22.25	<=50	Pass
			25	22.09	<=50	Pass
			49	22.18	<=50	Pass
		25	0	21.63	<=50	Pass
			13	21.57	<=50	Pass
			25	21.43	<=50	Pass

		50	0	21.43	<=50	Pass
64QAM	819	1	0	22.09	<=50	Pass
			25	22.43	<=50	Pass
			49	21.87	<=50	Pass
		25	0	21.59	<=50	Pass
			13	21.60	<=50	Pass
			25	21.51	<=50	Pass
		50	0	21.57	<=50	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_10MHz

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	LV	-1.300	-0.0016	-2.5 to 2.5	Pass
					NV	-2.400	-0.0029	-2.5 to 2.5	Pass
					HV	-1.100	-0.0013	-2.5 to 2.5	Pass
				-30	NV	-0.700	-0.0009	-2.5 to 2.5	Pass
				-20	NV	-1.100	-0.0013	-2.5 to 2.5	Pass
				-10	NV	-1.600	-0.0020	-2.5 to 2.5	Pass
				0	NV	-1.100	-0.0013	-2.5 to 2.5	Pass
				10	NV	-2.100	-0.0026	-2.5 to 2.5	Pass
				30	NV	-1.500	-0.0018	-2.5 to 2.5	Pass
				40	NV	-1.100	-0.0013	-2.5 to 2.5	Pass
				50	NV	-1.800	-0.0022	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26a_OBW

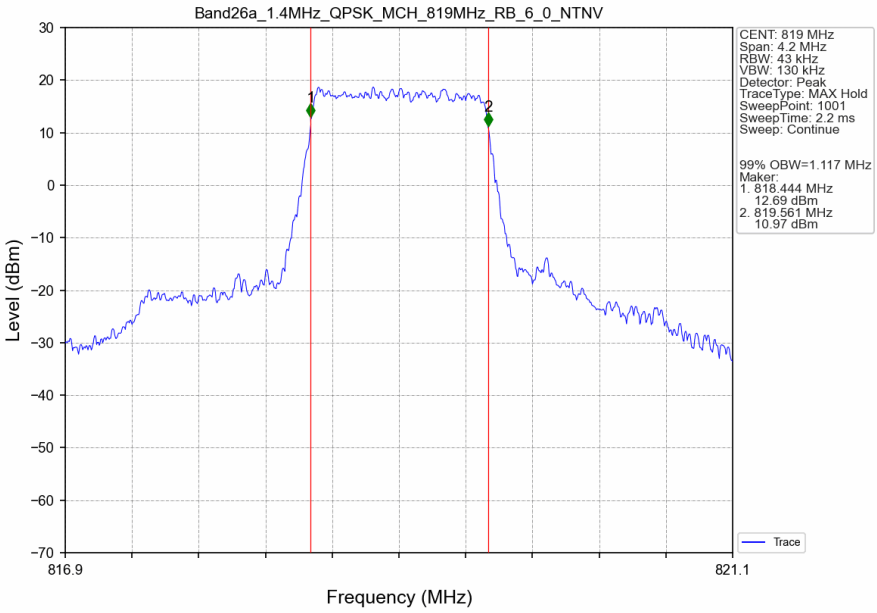
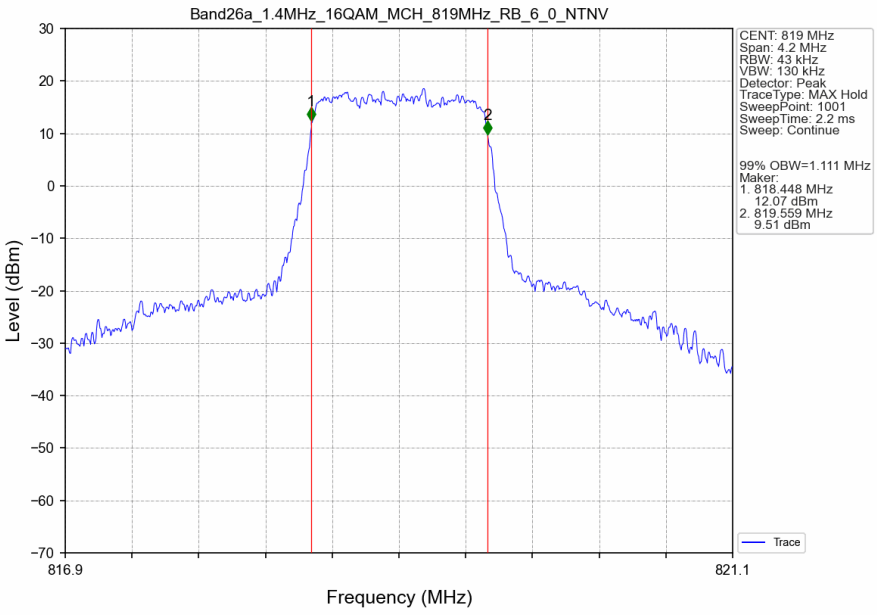
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.117	/	Pass
	16QAM	819	6	0	1.111	/	Pass
3	QPSK	819	15	0	2.723	/	Pass
	16QAM	819	15	0	2.725	/	Pass
5	QPSK	819	25	0	4.532	/	Pass
	16QAM	819	25	0	4.524	/	Pass
10	QPSK	819	50	0	9.019	/	Pass
	16QAM	819	50	0	8.966	/	Pass

3.1.2 Band26a_XDB

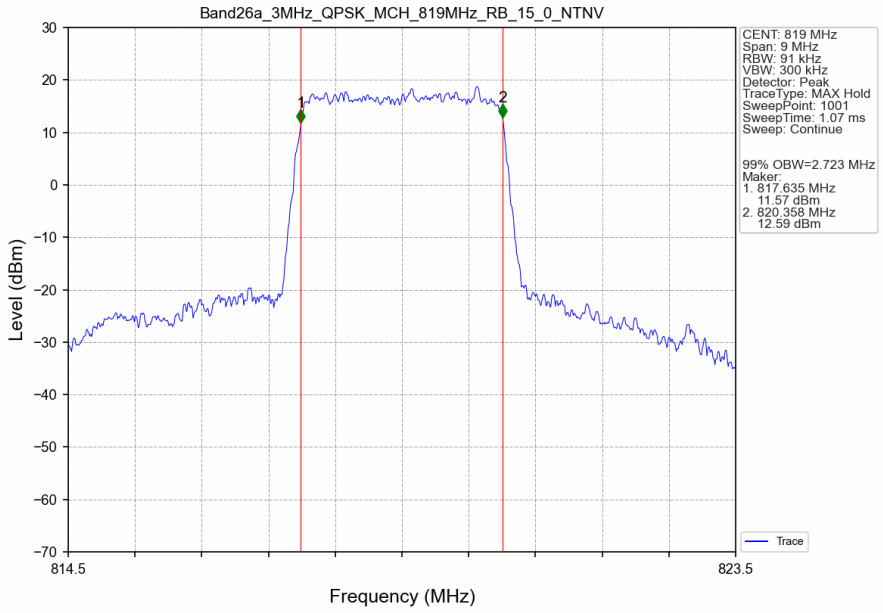
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	819	6	0	1.329	/	Pass
	16QAM	819	6	0	1.315	/	Pass
3	QPSK	819	15	0	3.030	/	Pass
	16QAM	819	15	0	3.045	/	Pass
5	QPSK	819	25	0	5.080	/	Pass
	16QAM	819	25	0	5.068	/	Pass
10	QPSK	819	50	0	10.043	/	Pass
	16QAM	819	50	0	9.961	/	Pass

3.2 Test Graph

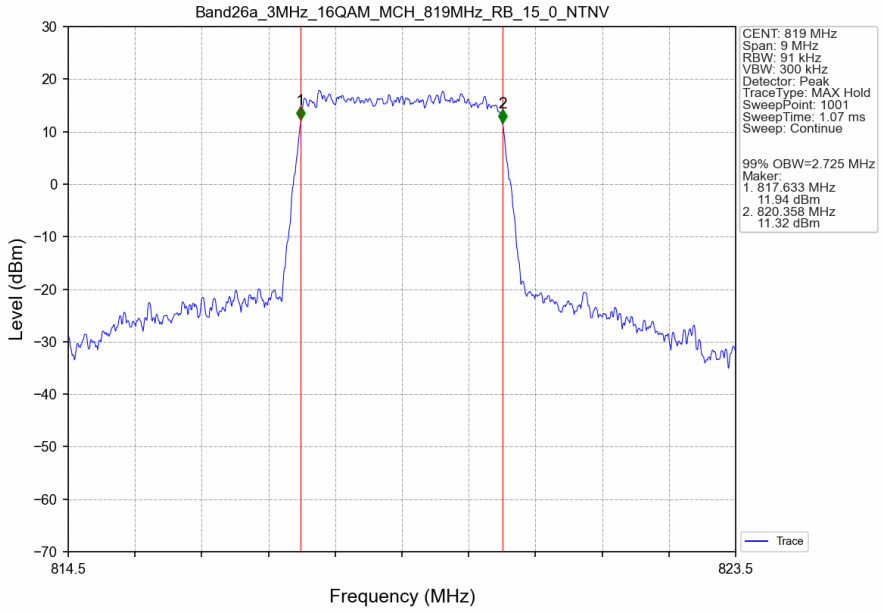
3.2.1 Band26a_OBW

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV

Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV


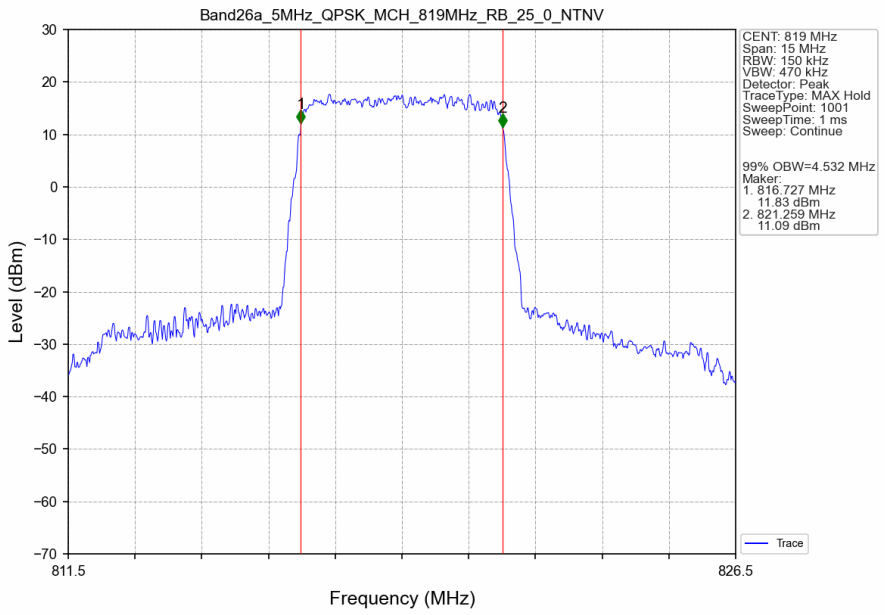
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



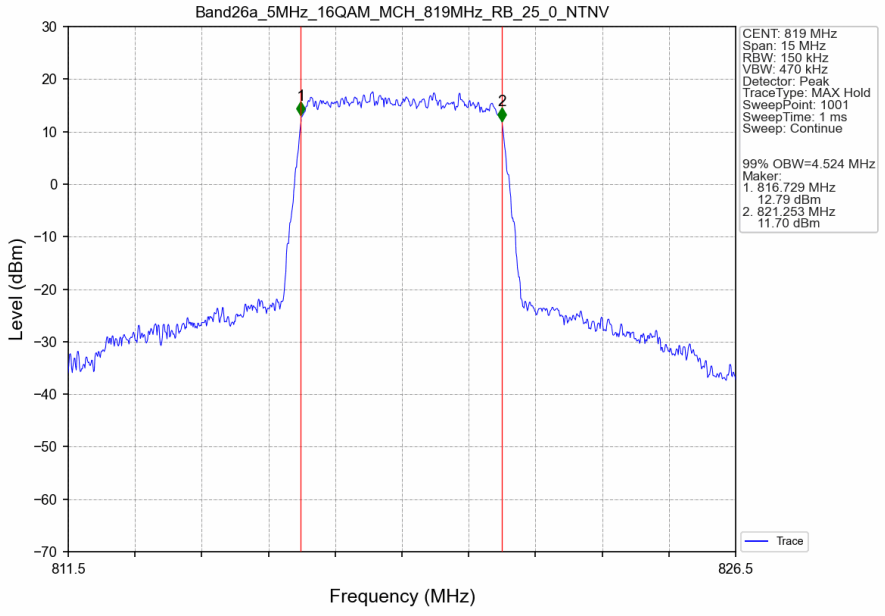
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



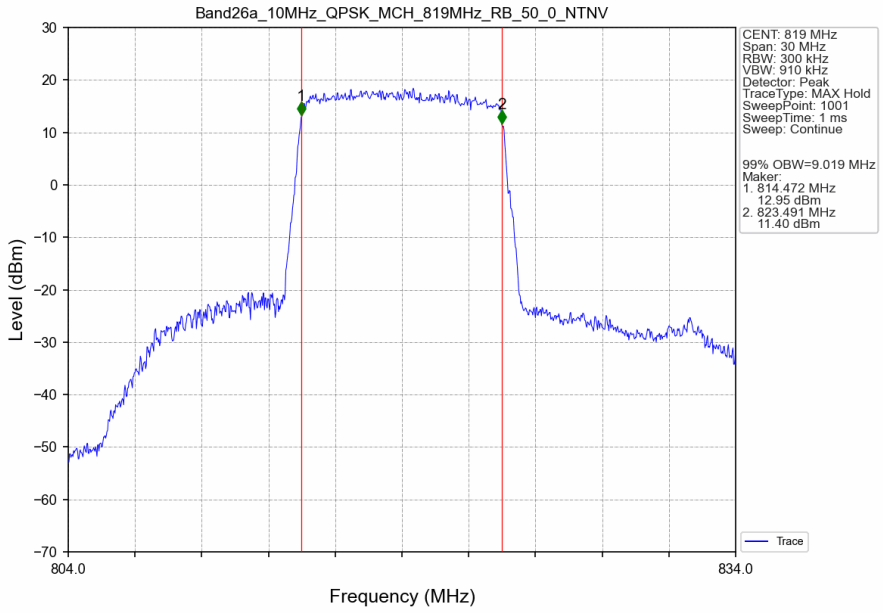
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



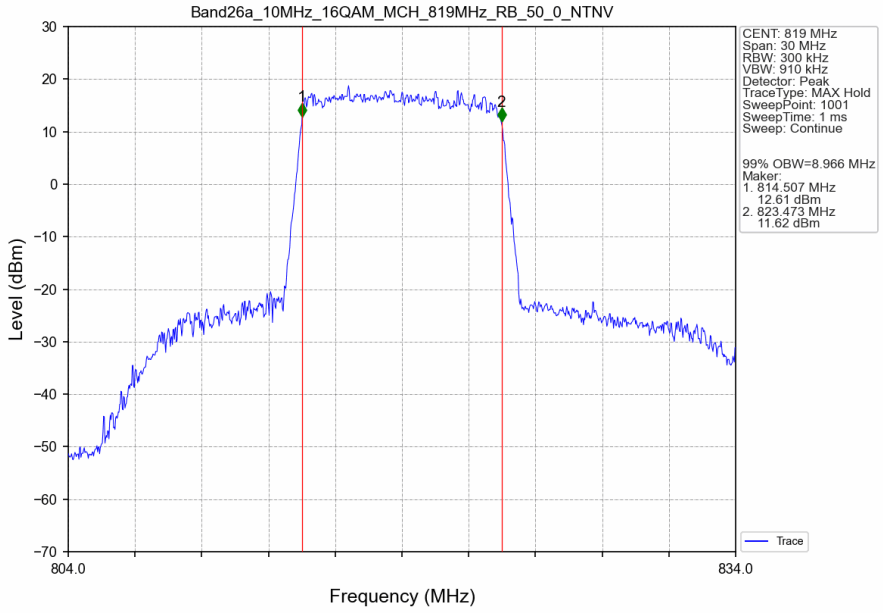
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



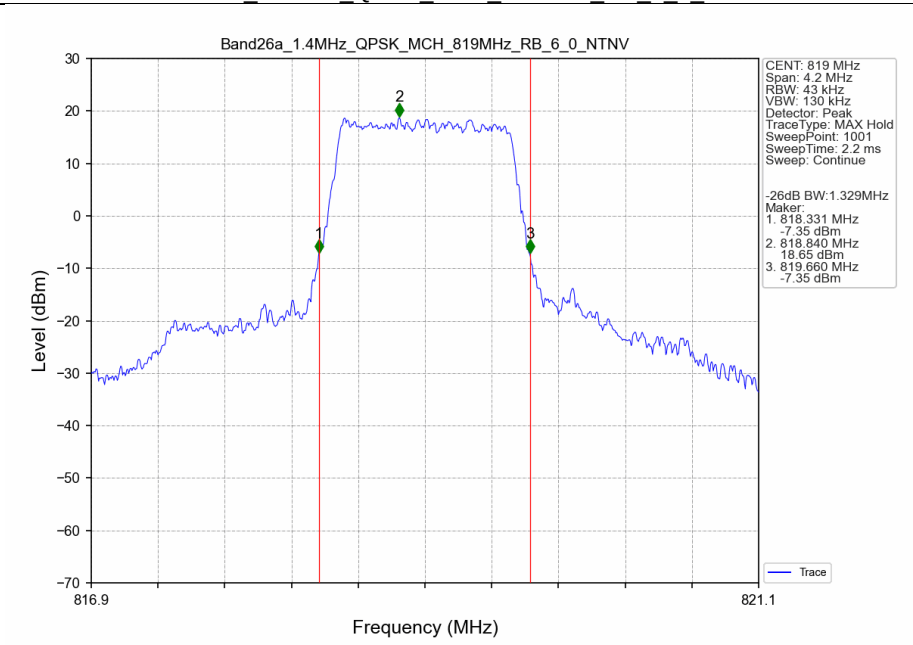
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

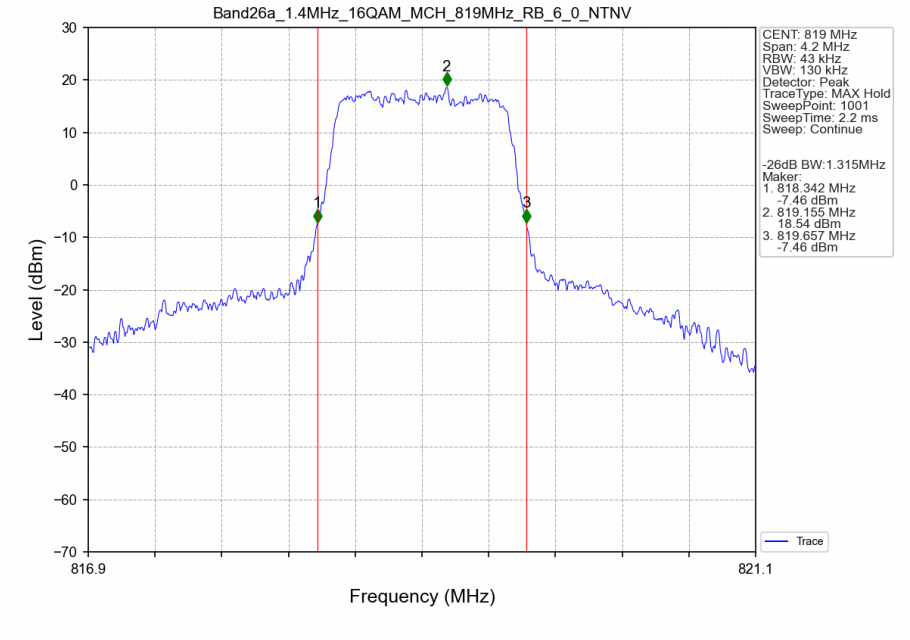


Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

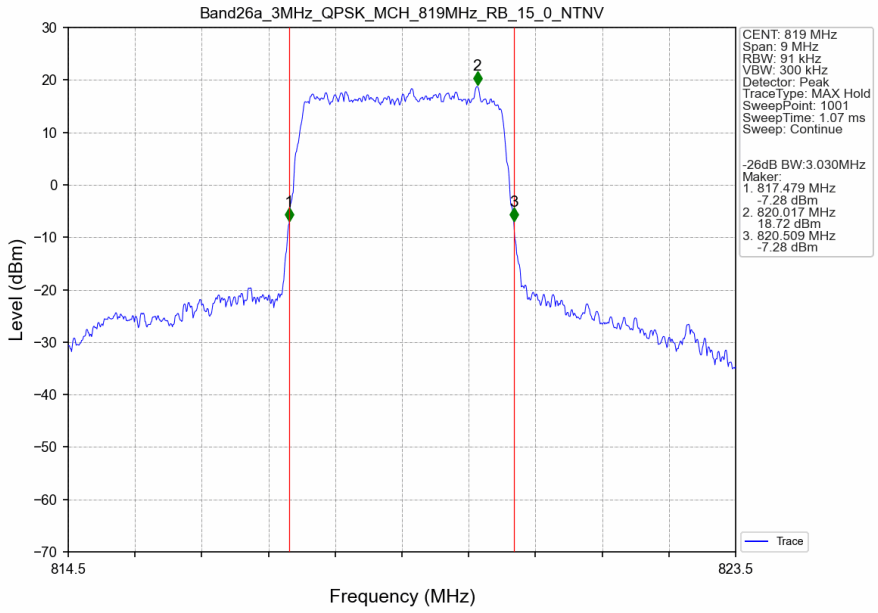


3.2.2 Band26a_XDB

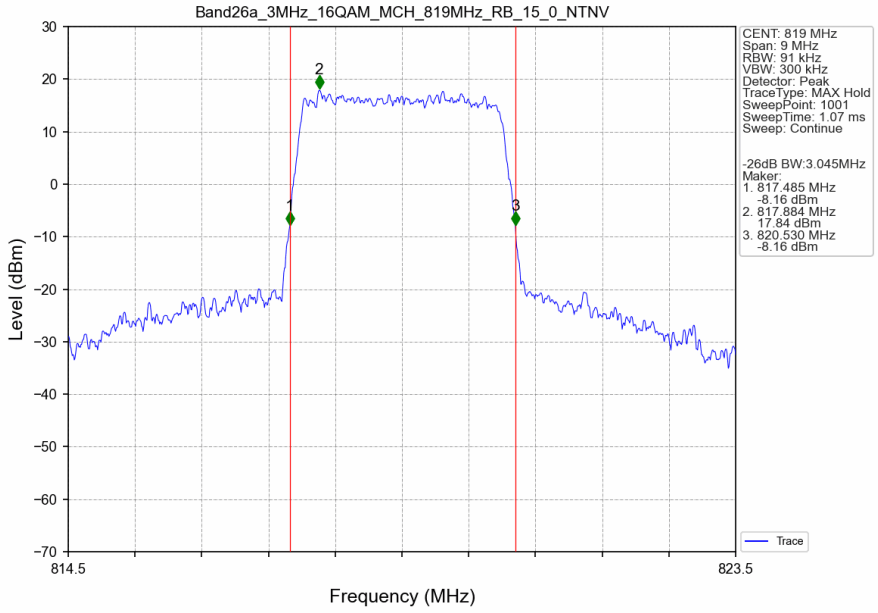
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV


Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV


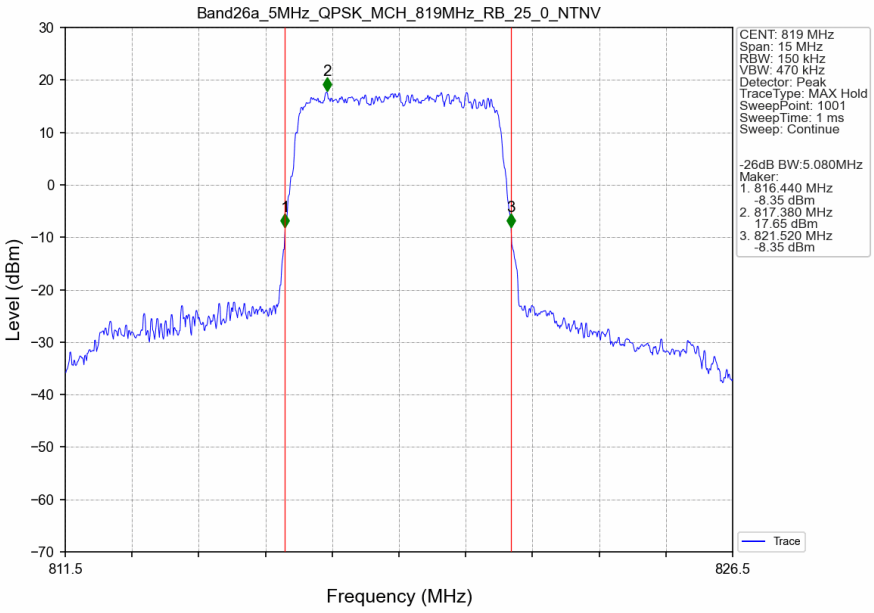
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



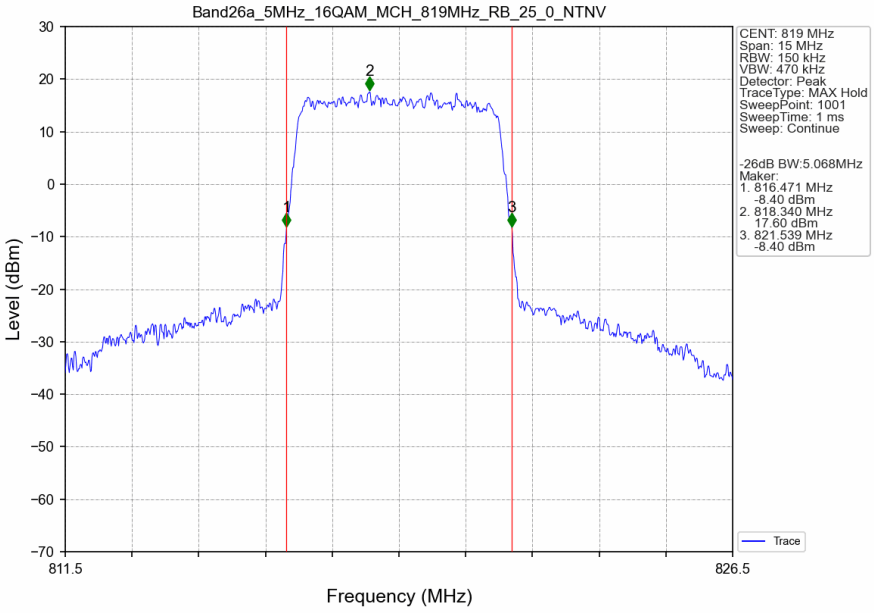
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



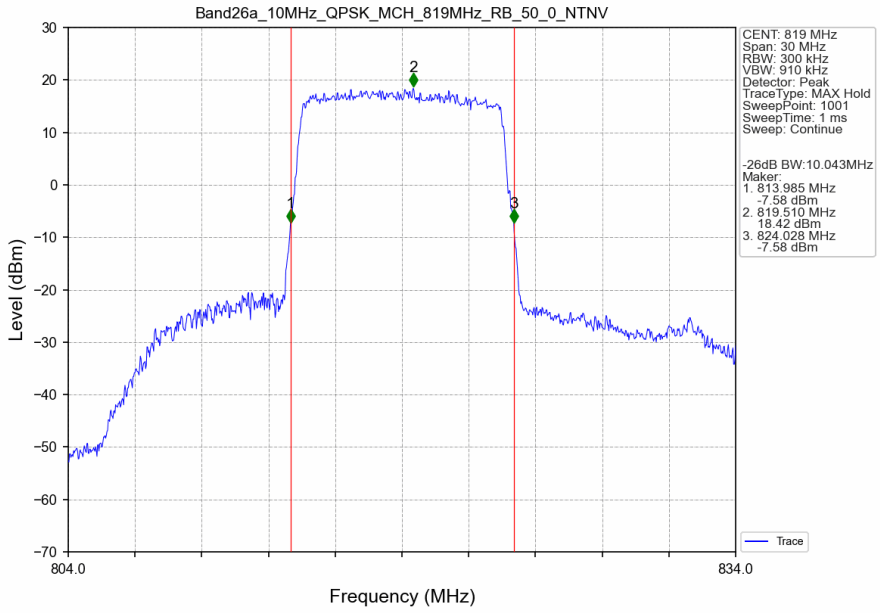
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



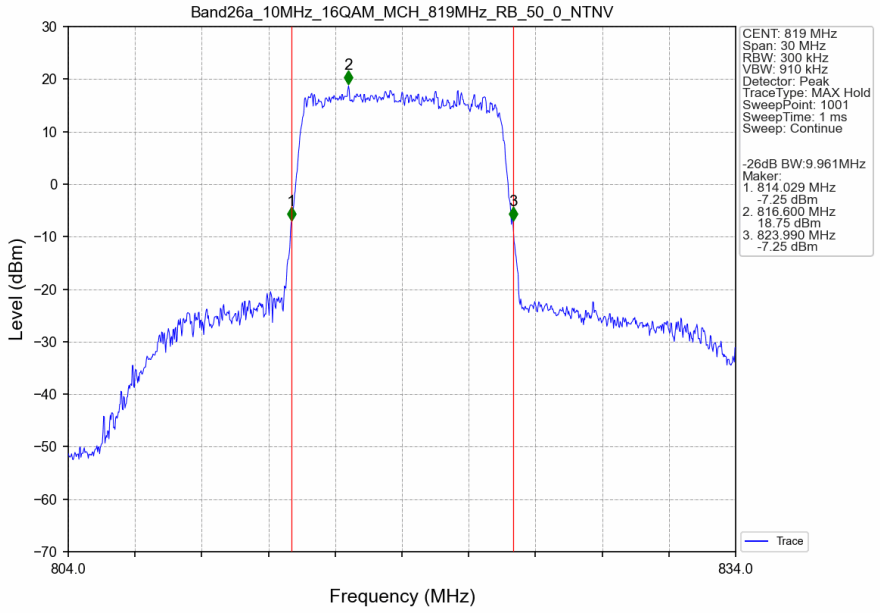
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

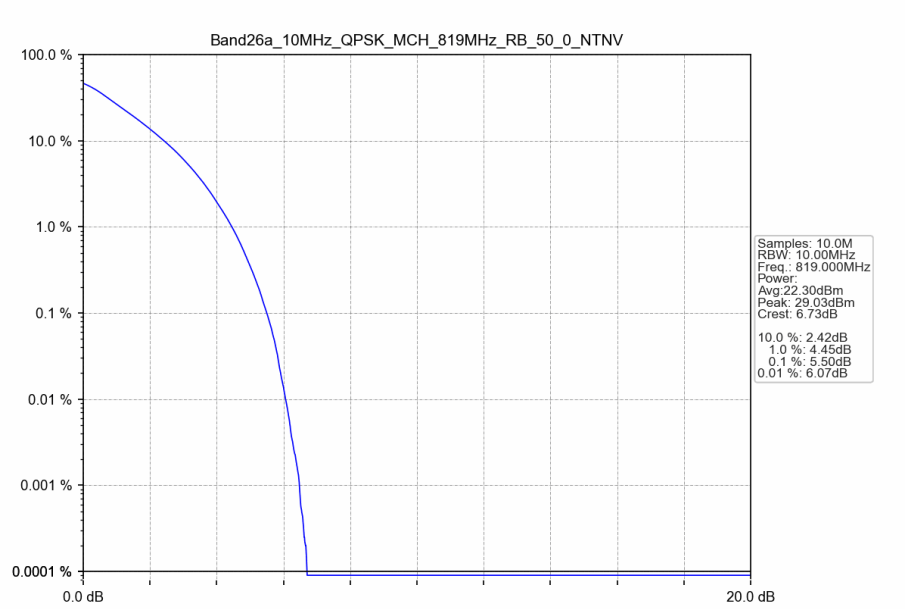
4.1.1 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.50	<=13	Pass
16QAM	819	50	0	6.24	<=13	Pass
64QAM	819	50	0	6.28	<=13	Pass

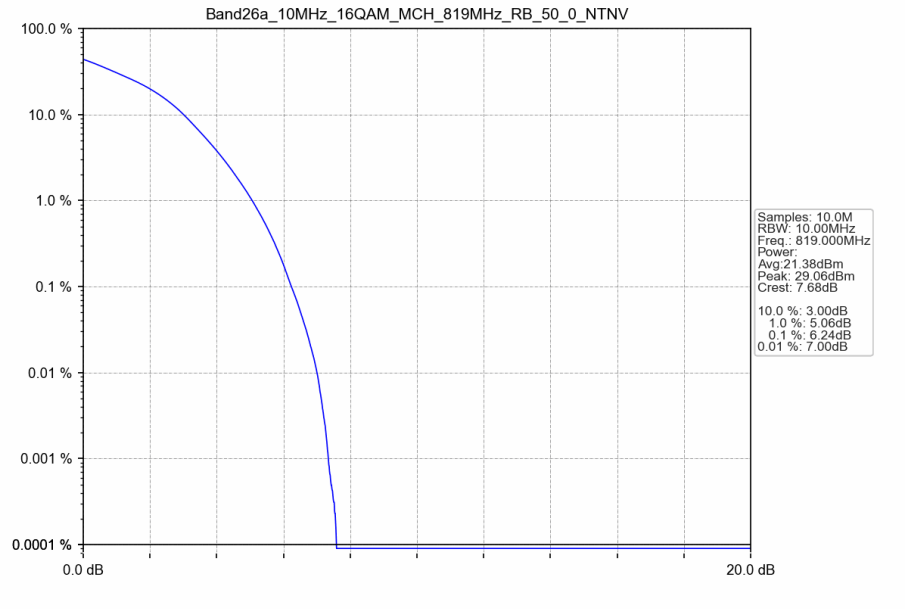
4.2 Test Graph

4.2.1 B26a_10MHz

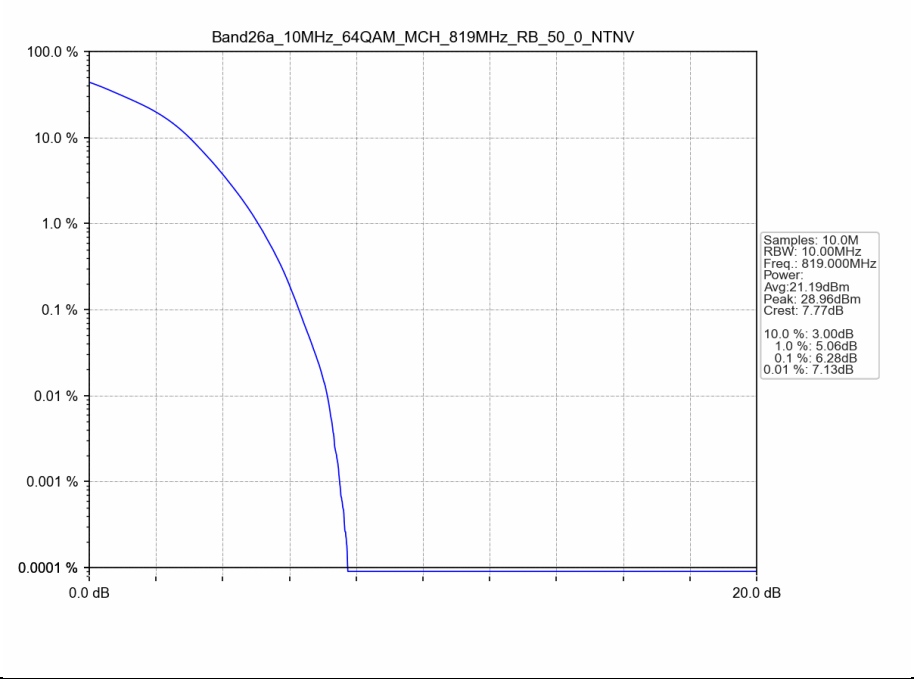
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



5. Spurious Emission

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

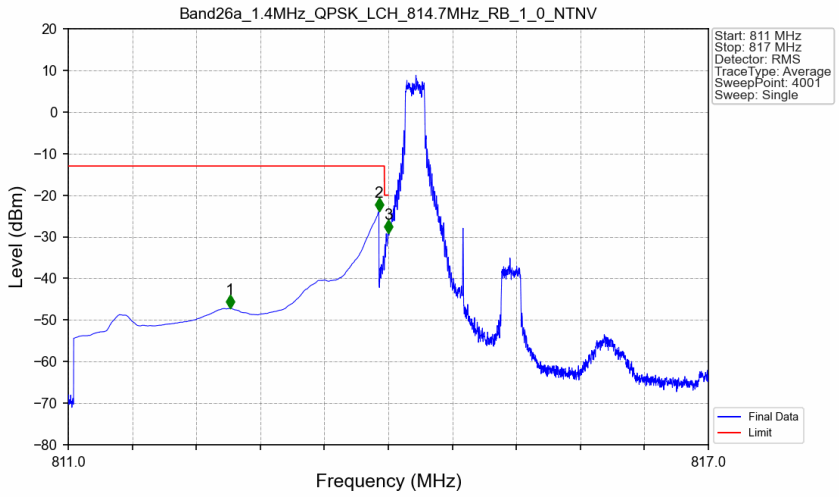
5.1.4 B26a_10MHz

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

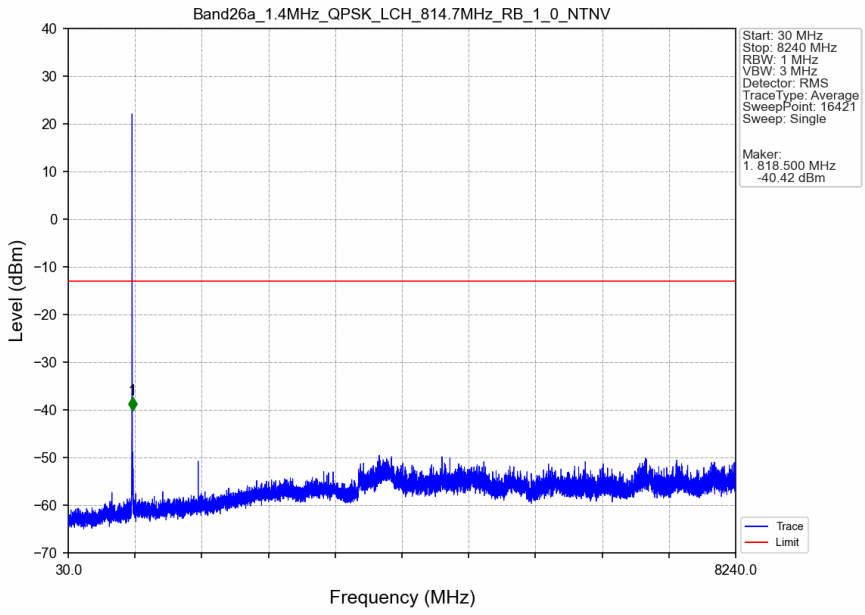
5.2.1 B26a_1.4MHz

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

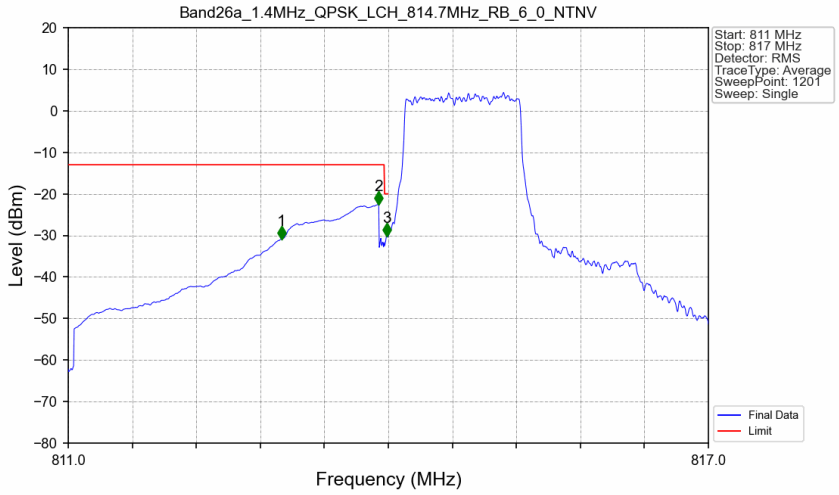


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.516	-47.16	-13	Pass
813	813.963	0.1	CHP	2	813.912	-23.86	-13	Pass
813.963	814	0.003	/	3	813.997	-29.05	-20	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

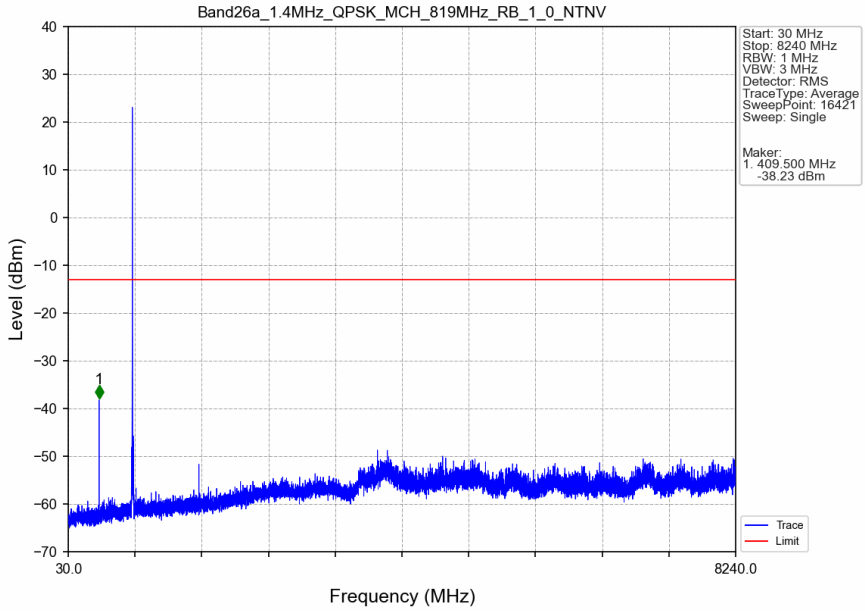


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

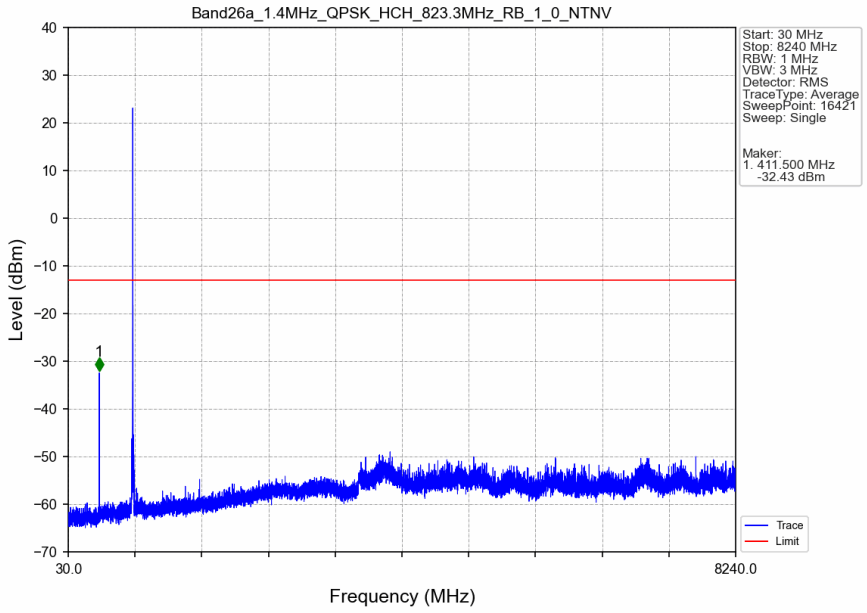


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	813.000	-30.89	-13	Pass
813	813.963	0.1	CHP	2	813.910	-22.50	-13	Pass
813.963	814	0.013	CHP	3	813.985	-30.23	-20	Pass
814	817	0.013	CHP	/	/	/	/	/

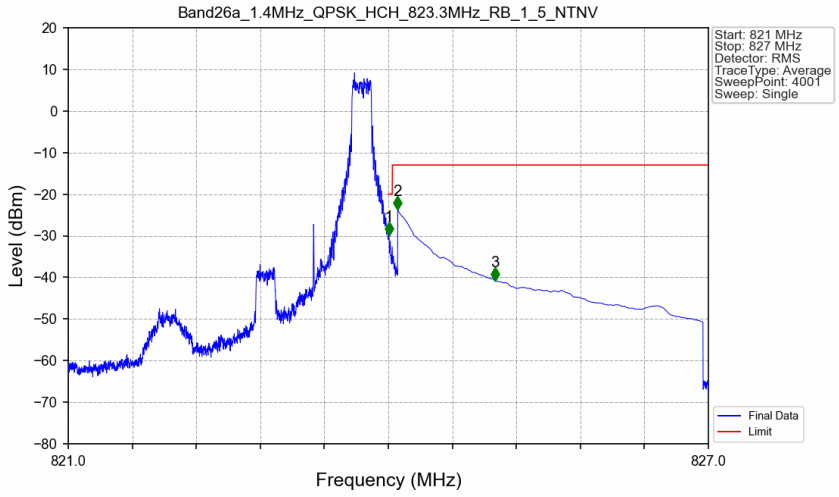
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

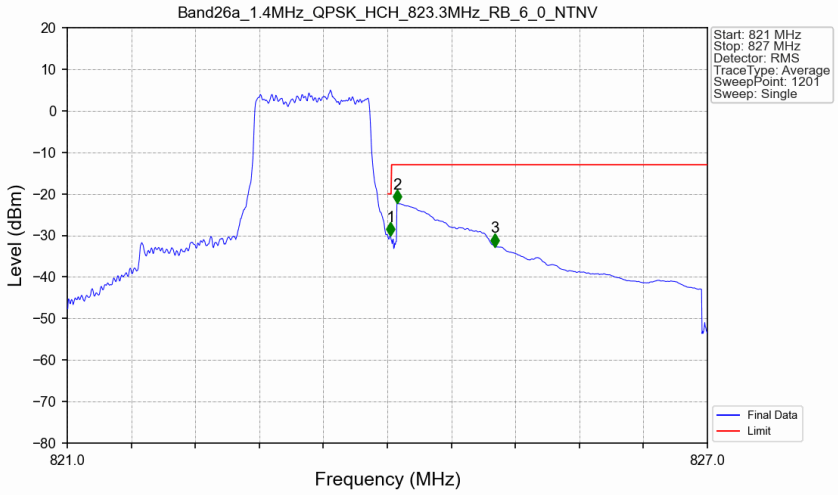


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.005	-29.81	-20	Pass
824.038	825	0.1	CHP	2	824.088	-23.63	-13	Pass
825	827	0.1	CHP	3	825.002	-40.86	-13	Pass

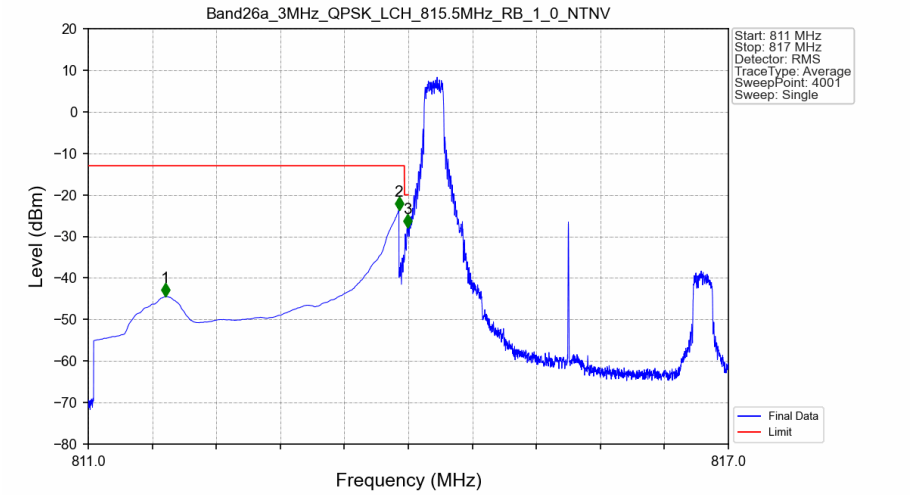
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.013	CHP	/	/	/	/	/
824	824.038	0.013	CHP	1	824.030	-30.01	-20	Pass
824.038	825	0.1	CHP	2	824.090	-22.24	-13	Pass
825	827	0.1	CHP	3	825.005	-32.68	-13	Pass

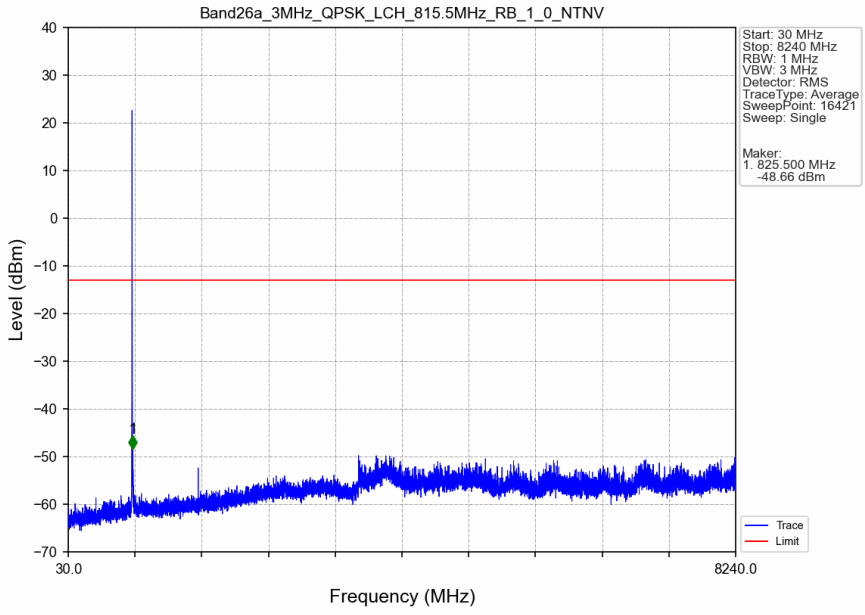
5.2.2 B26a_3MHz

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

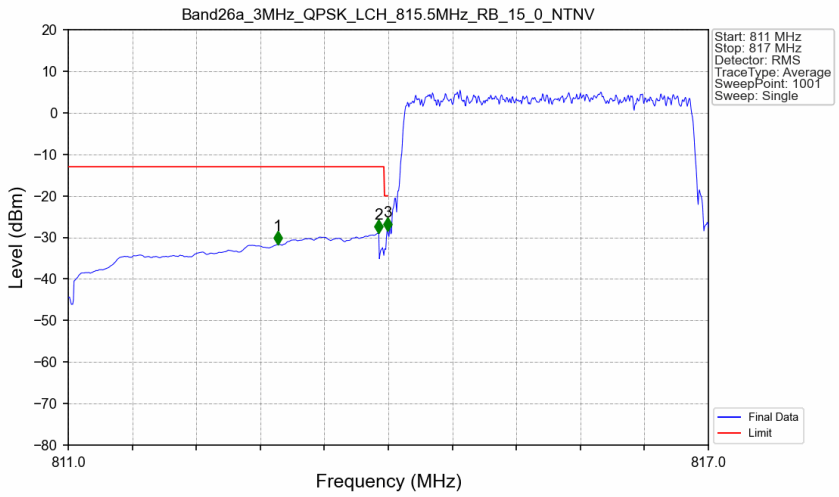


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	811.723	-44.48	-13	Pass
813	813.963	0.1	CHP	2	813.912	-23.58	-13	Pass
813.963	814	0.003	/	3	813.990	-27.92	-20	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

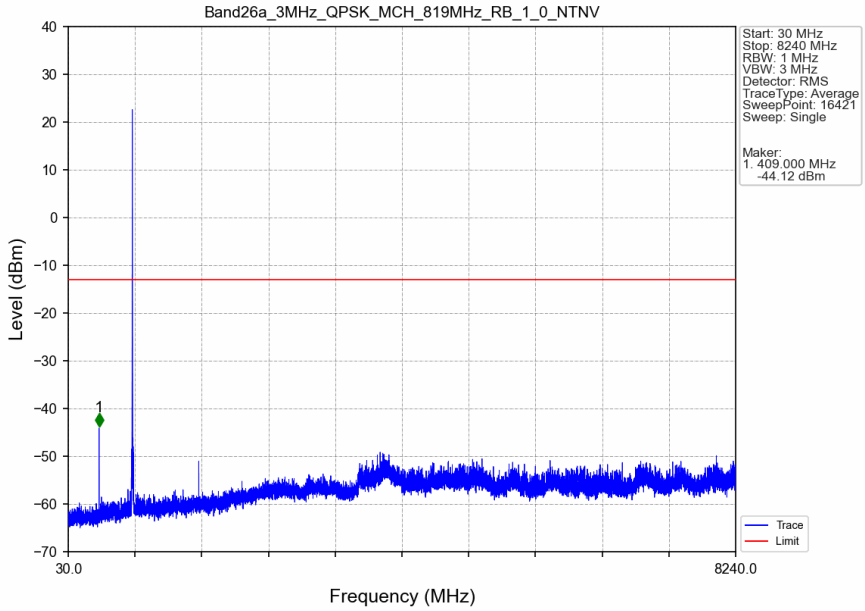


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

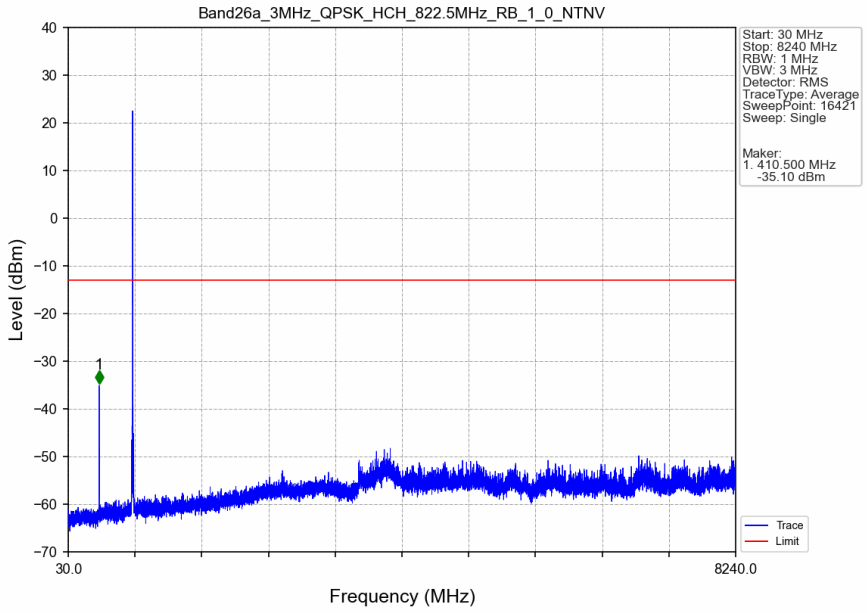


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.962	-31.66	-13	Pass
813	813.963	0.1	CHP	2	813.910	-28.96	-13	Pass
813.963	814	0.03	/	3	813.994	-28.44	-20	Pass
814	817	0.03	/	/	/	/	/	/

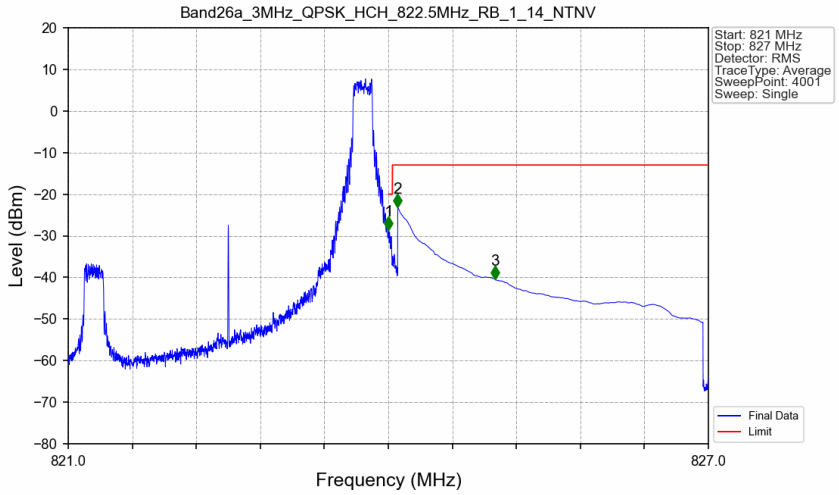
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

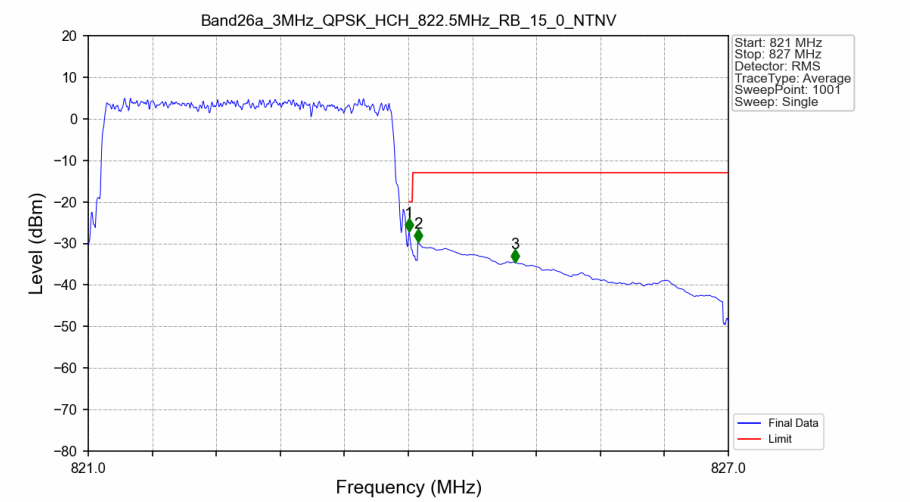


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.003	-28.56	-20	Pass
824.038	825	0.1	CHP	2	824.088	-23.17	-13	Pass
825	827	0.1	CHP	3	825.000	-40.39	-13	Pass

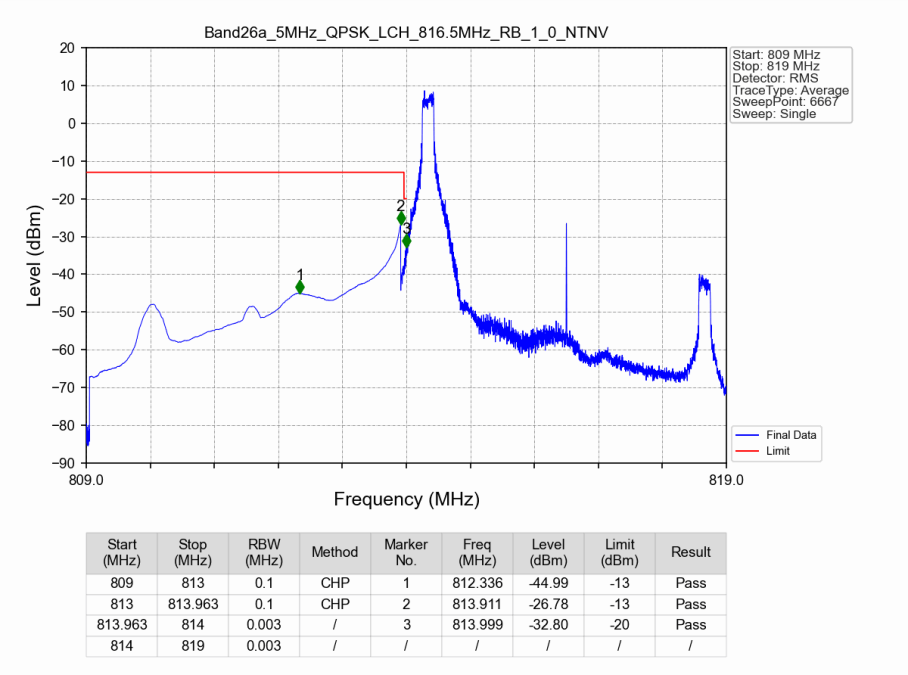
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.03	/	/	/	/	/	/
824	824.038	0.03	/	1	824.006	-27.16	-20	Pass
824.038	825	0.1	CHP	2	824.090	-29.63	-13	Pass
825	827	0.1	CHP	3	825.002	-34.58	-13	Pass

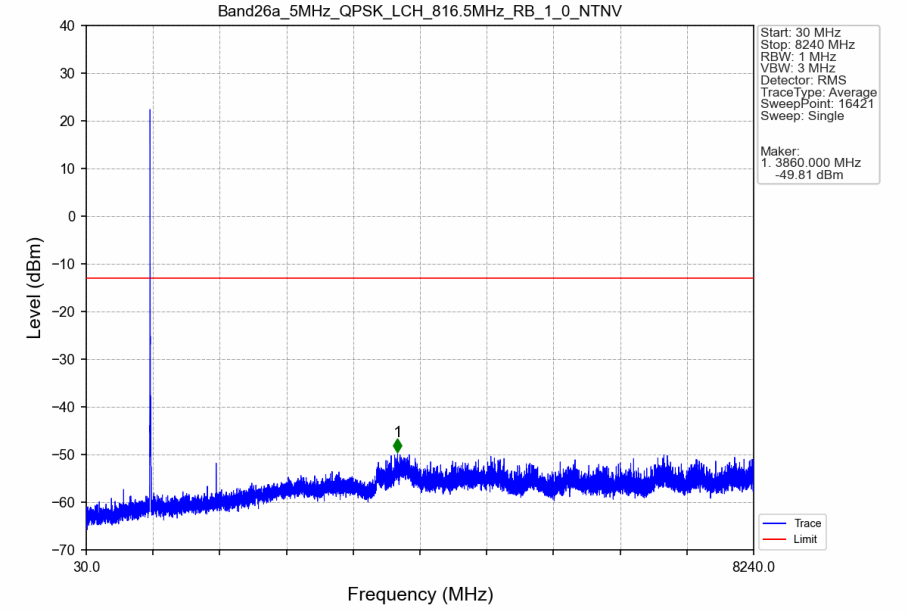
5.2.3 B26a_5MHz

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

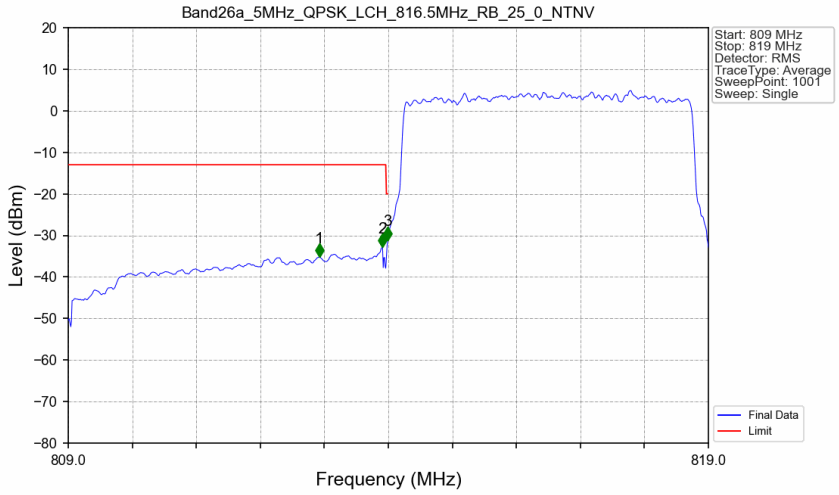


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.336	-44.99	-13	Pass
813	813.963	0.1	CHP	2	813.911	-26.78	-13	Pass
813.963	814	0.003	/	3	813.999	-32.80	-20	Pass
814	819	0.003	/	/	/	/	/	/

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

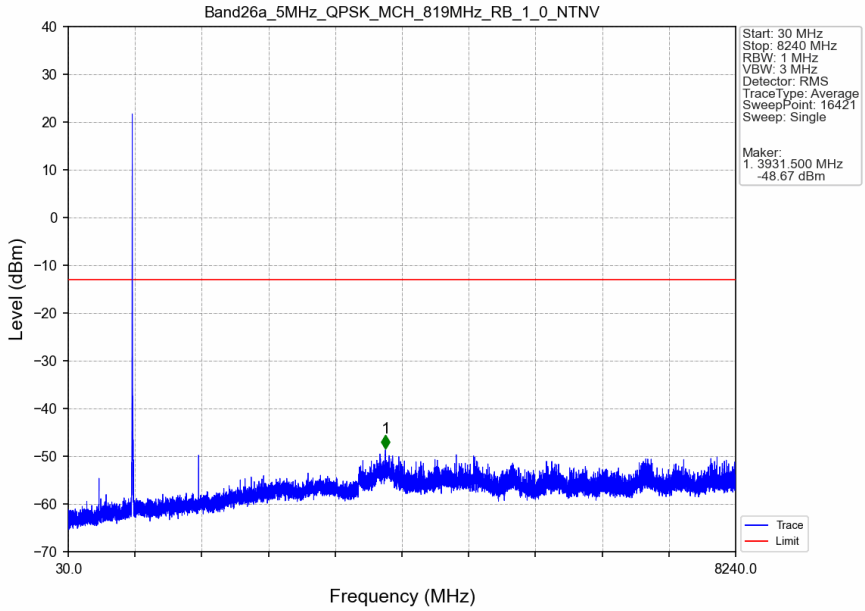


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

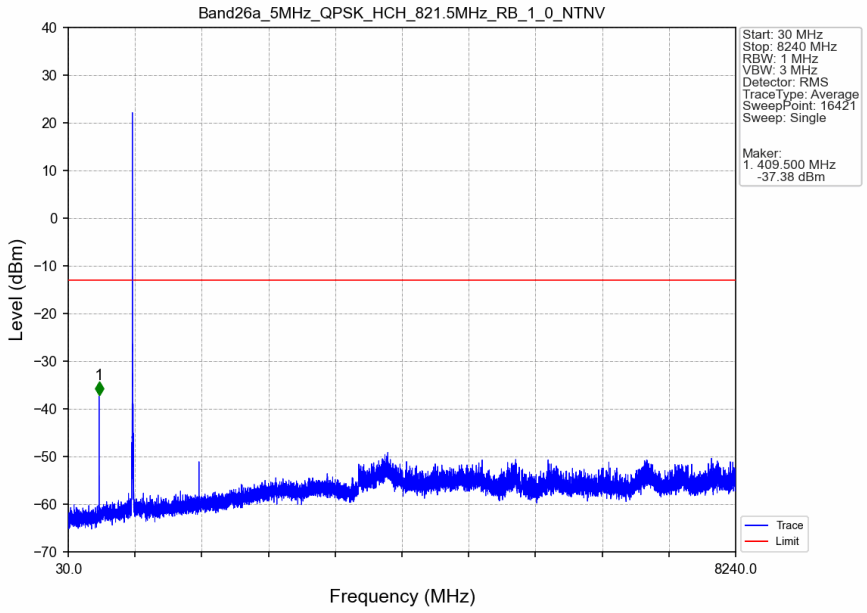


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813	0.1	CHP	1	812.920	-35.18	-13	Pass
813	813.963	0.1	CHP	2	813.910	-32.75	-13	Pass
813.963	814	0.051	CHP	3	813.990	-31.04	-20	Pass
814	819	0.051	CHP	/	/	/	/	/

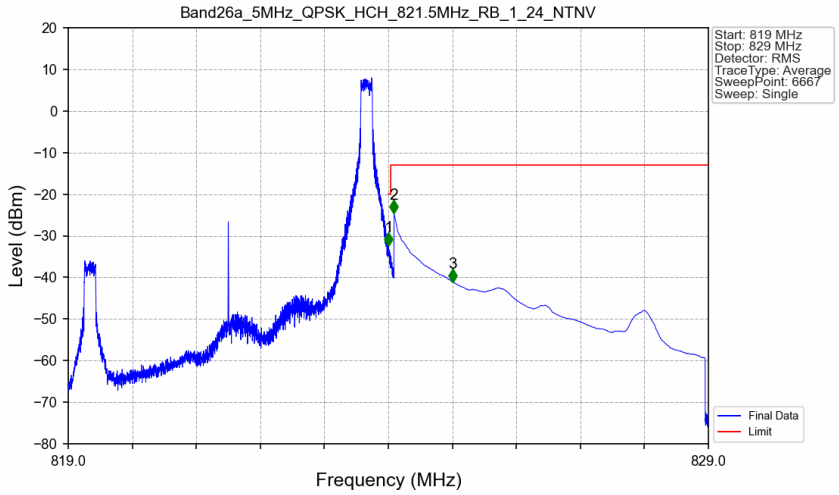
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

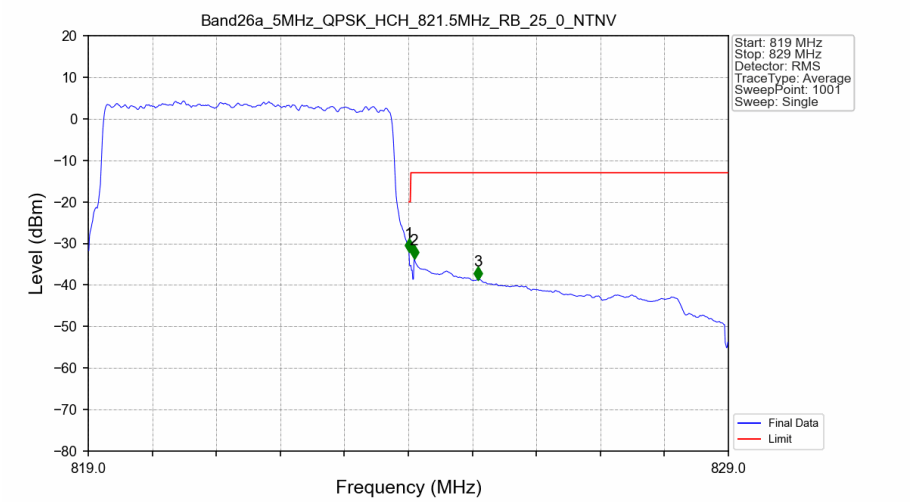


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	824.038	0.003	/	1	824.003	-32.42	-20	Pass
824.038	825	0.1	CHP	2	824.089	-24.54	-13	Pass
825	829	0.1	CHP	3	825.001	-41.07	-13	Pass

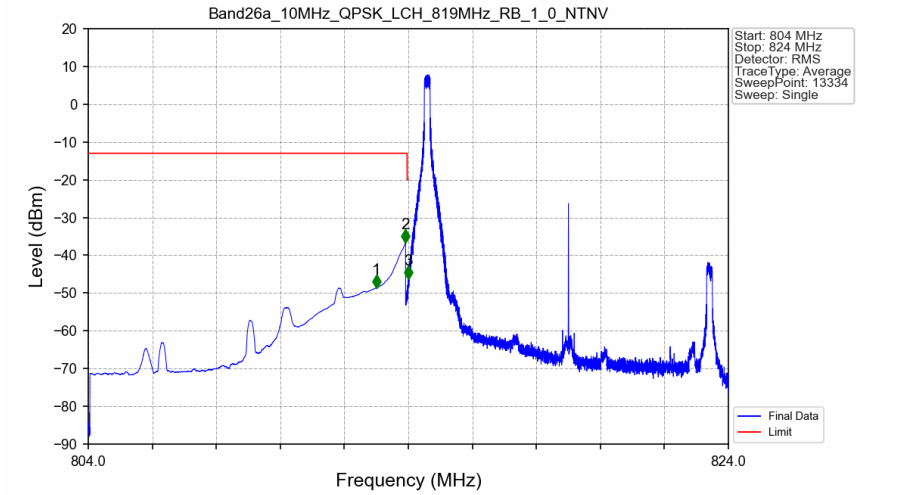
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.051	CHP	/	/	/	/	/
824	824.038	0.051	CHP	1	824.010	-32.04	-20	Pass
824.038	825	0.1	CHP	2	824.090	-33.61	-13	Pass
825	829	0.1	CHP	3	825.090	-38.70	-13	Pass

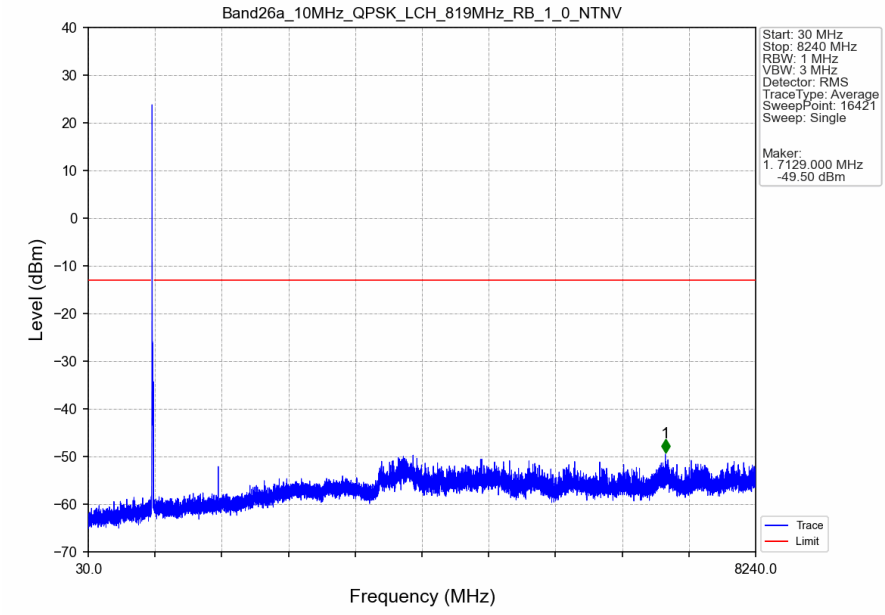
5.2.4 B26a_10MHz

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

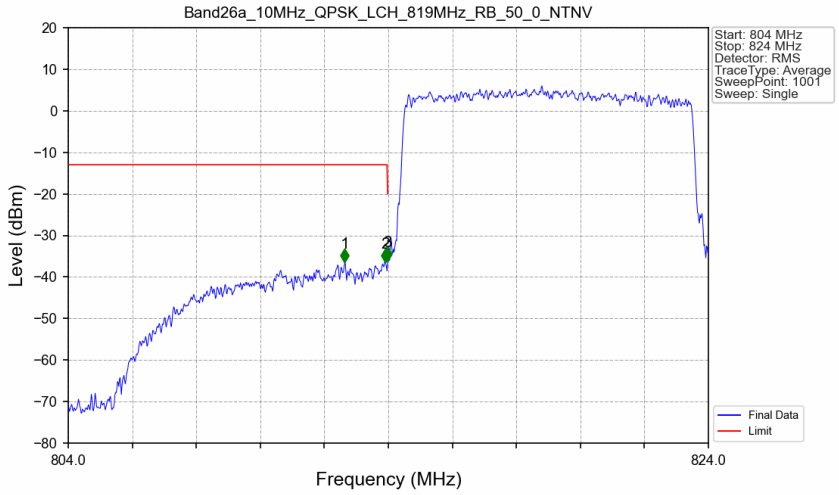


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	CHP	1	812.997	-48.61	-13	Pass
813	813.963	0.1	CHP	2	813.912	-36.59	-13	Pass
813.963	814	0.003	/	3	813.996	-46.35	-20	Pass
814	824	0.003	/	/	/	/	/	/

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

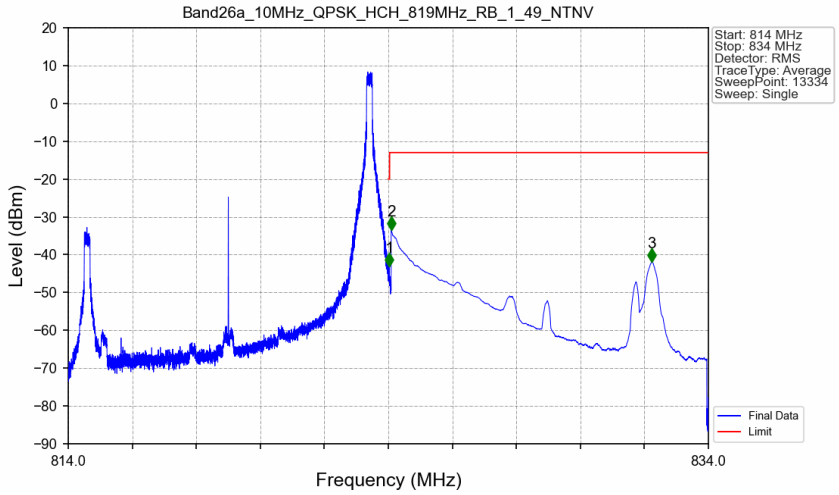


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



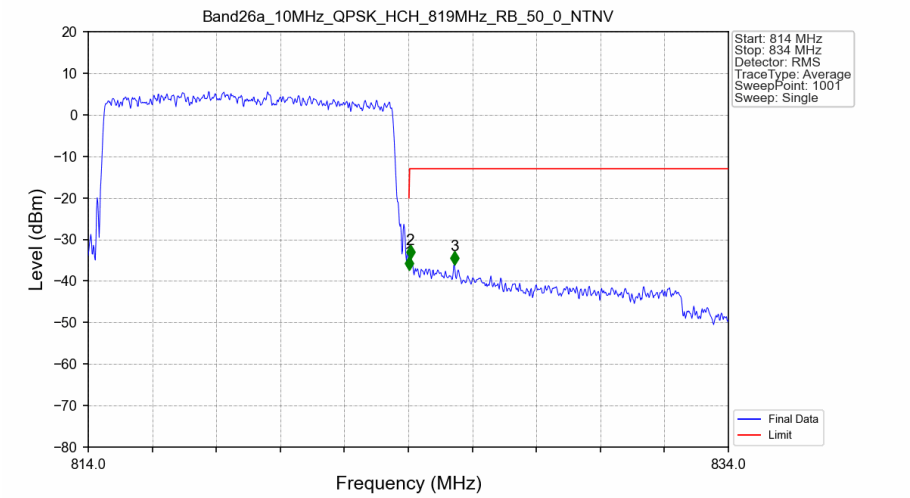
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813	0.1	/	1	812.640	-36.35	-13	Pass
813	813.963	0.1	/	2	813.900	-36.40	-13	Pass
813.963	814	0.1	/	3	813.980	-36.13	-20	Pass
814	824	0.1	/	/	/	/	/	/

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	/	/	/	/	/	/
824	824.038	0.003	/	1	824.028	-42.98	-20	Pass
824.038	825	0.1	CHP	2	824.088	-33.40	-13	Pass
825	834	0.1	CHP	3	832.222	-41.91	-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	0.1	/	/	/	/	/	/
824	824.038	0.1	/	1	824.020	-37.36	-20	Pass
824.038	825	0.1	/	2	824.060	-34.60	-13	Pass
825	834	0.1	/	3	825.440	-36.12	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26a(814-824MHz)-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 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**
1629.0	-55.37	-13	-42.37	-58.3	2.62	5.55	Horizontal	Pass
2443.5	-66.87	-13	-53.87	-69.51	3.04	5.68	Horizontal	Pass
3258.0	-66.34	-13	-53.34	-70.62	3.28	7.56	Horizontal	Pass
1629.0	-55.32	-13	-42.32	-58.25	2.62	5.55	Vertical	Pass
2443.5	-60.53	-13	-47.53	-63.17	3.04	5.68	Vertical	Pass
3258.0	-65.8	-13	-52.8	-70.08	3.28	7.56	Vertical	Pass

Note: External Antenna is the worst case, only the worst case test data were recorded in this report.

7. Effective (Isotropic) Radiated Power Output Data (Internal Antenna)

7.1 Test Result

7.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	23.52	<=50	Pass
			2	23.48	<=50	Pass
			5	23.92	<=50	Pass
		3	0	23.55	<=50	Pass
			2	23.57	<=50	Pass
			3	23.54	<=50	Pass
		6	0	22.72	<=50	Pass
	819	1	0	23.59	<=50	Pass
			2	23.53	<=50	Pass
			5	23.59	<=50	Pass
		3	0	23.61	<=50	Pass
			2	23.61	<=50	Pass
			3	23.52	<=50	Pass
		6	0	22.56	<=50	Pass
	823.3	1	0	23.67	<=50	Pass
			2	23.65	<=50	Pass
			5	23.64	<=50	Pass
		3	0	23.53	<=50	Pass
			2	23.53	<=50	Pass
			3	23.50	<=50	Pass
		6	0	22.59	<=50	Pass
16QAM	814.7	1	0	21.89	<=50	Pass
			2	22.37	<=50	Pass
			5	22.38	<=50	Pass
		3	0	22.71	<=50	Pass
			2	22.89	<=50	Pass
			3	22.65	<=50	Pass
		6	0	21.83	<=50	Pass
	819	1	0	21.91	<=50	Pass
			2	22.33	<=50	Pass
			5	22.30	<=50	Pass
		3	0	22.55	<=50	Pass
			2	22.71	<=50	Pass
			3	22.57	<=50	Pass
		6	0	21.57	<=50	Pass
	823.3	1	0	22.41	<=50	Pass
			2	22.42	<=50	Pass
			5	22.43	<=50	Pass
		3	0	22.64	<=50	Pass
			2	22.78	<=50	Pass
			3	22.68	<=50	Pass
		6	0	21.58	<=50	Pass
64QAM	814.7	1	0	22.48	<=50	Pass
			2	22.31	<=50	Pass
			5	22.41	<=50	Pass
		3	0	22.12	<=50	Pass

			2	22.64	<=50	Pass
			3	22.59	<=50	Pass
		6	0	21.76	<=50	Pass
	819	1	0	22.29	<=50	Pass
			2	22.34	<=50	Pass
			5	22.26	<=50	Pass
		3	0	22.55	<=50	Pass
			2	22.58	<=50	Pass
			3	22.63	<=50	Pass
		6	0	21.84	<=50	Pass
	823.3	1	0	22.32	<=50	Pass
			2	22.29	<=50	Pass
			5	22.38	<=50	Pass
		3	0	22.42	<=50	Pass
			2	22.57	<=50	Pass
			3	22.60	<=50	Pass
		6	0	21.63	<=50	Pass

7.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	23.83	<=50	Pass
			7	23.99	<=50	Pass
			14	23.41	<=50	Pass
		8	0	22.54	<=50	Pass
			4	22.47	<=50	Pass
			7	22.30	<=50	Pass
		15	0	22.59	<=50	Pass
	819	1	0	23.49	<=50	Pass
			7	23.72	<=50	Pass
			14	23.34	<=50	Pass
		8	0	22.38	<=50	Pass
			4	22.24	<=50	Pass
			7	22.64	<=50	Pass
		15	0	22.62	<=50	Pass
	822.5	1	0	23.51	<=50	Pass
			7	23.76	<=50	Pass
			14	23.54	<=50	Pass
		8	0	22.63	<=50	Pass
			4	22.54	<=50	Pass
			7	22.62	<=50	Pass
		15	0	22.55	<=50	Pass
16QAM	815.5	1	0	22.13	<=50	Pass
			7	22.59	<=50	Pass
			14	22.52	<=50	Pass
		8	0	21.60	<=50	Pass
			4	21.54	<=50	Pass
			7	21.67	<=50	Pass
		15	0	21.41	<=50	Pass
	819	1	0	22.22	<=50	Pass
			7	22.38	<=50	Pass
			14	22.14	<=50	Pass
		8	0	21.53	<=50	Pass
			4	21.67	<=50	Pass
			7	21.49	<=50	Pass

		15	0	21.49	<=50	Pass
	822.5	1	0	22.51	<=50	Pass
			7	22.61	<=50	Pass
			14	22.24	<=50	Pass
		8	0	21.50	<=50	Pass
			4	21.52	<=50	Pass
			7	21.24	<=50	Pass
		15	0	21.70	<=50	Pass
64QAM	815.5	1	0	22.27	<=50	Pass
			7	22.31	<=50	Pass
			14	22.23	<=50	Pass
		8	0	21.55	<=50	Pass
			4	21.40	<=50	Pass
			7	21.62	<=50	Pass
		15	0	21.43	<=50	Pass
	819	1	0	22.08	<=50	Pass
			7	22.34	<=50	Pass
			14	21.99	<=50	Pass
		8	0	21.48	<=50	Pass
			4	21.55	<=50	Pass
			7	21.59	<=50	Pass
		15	0	21.55	<=50	Pass
	822.5	1	0	22.25	<=50	Pass
			7	22.43	<=50	Pass
			14	21.91	<=50	Pass
		8	0	21.35	<=50	Pass
			4	21.42	<=50	Pass
			7	21.33	<=50	Pass
		15	0	21.68	<=50	Pass

7.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	23.40	<=50	Pass
			13	23.56	<=50	Pass
			24	23.29	<=50	Pass
		12	0	22.56	<=50	Pass
			6	22.62	<=50	Pass
			13	22.55	<=50	Pass
		25	0	22.64	<=50	Pass
	819	1	0	23.49	<=50	Pass
			13	23.71	<=50	Pass
			24	23.42	<=50	Pass
		12	0	22.61	<=50	Pass
			6	22.61	<=50	Pass
			13	22.48	<=50	Pass
		25	0	22.61	<=50	Pass
	821.5	1	0	23.40	<=50	Pass
			13	23.39	<=50	Pass
			24	23.29	<=50	Pass
		12	0	22.59	<=50	Pass
			6	22.51	<=50	Pass
			13	22.41	<=50	Pass
		25	0	22.53	<=50	Pass
16QAM	816.5	1	0	22.27	<=50	Pass

			13	22.44	<=50	Pass
			24	21.83	<=50	Pass
		12	0	21.36	<=50	Pass
			6	21.69	<=50	Pass
			13	21.65	<=50	Pass
		25	0	21.44	<=50	Pass
	819	1	0	22.26	<=50	Pass
			13	22.26	<=50	Pass
			24	22.11	<=50	Pass
		12	0	21.63	<=50	Pass
			6	21.66	<=50	Pass
			13	21.39	<=50	Pass
		25	0	21.46	<=50	Pass
	821.5	1	0	22.30	<=50	Pass
			13	21.69	<=50	Pass
			24	22.05	<=50	Pass
		12	0	21.48	<=50	Pass
			6	21.49	<=50	Pass
			13	21.29	<=50	Pass
		25	0	21.56	<=50	Pass
64QAM	816.5	1	0	22.00	<=50	Pass
			13	22.29	<=50	Pass
			24	21.60	<=50	Pass
		12	0	21.30	<=50	Pass
			6	21.51	<=50	Pass
			13	21.34	<=50	Pass
		25	0	21.55	<=50	Pass
	819	1	0	21.93	<=50	Pass
			13	22.13	<=50	Pass
			24	21.85	<=50	Pass
		12	0	21.27	<=50	Pass
			6	21.61	<=50	Pass
			13	21.22	<=50	Pass
		25	0	21.53	<=50	Pass
	821.5	1	0	22.35	<=50	Pass
			13	22.39	<=50	Pass
			24	21.36	<=50	Pass
		12	0	21.55	<=50	Pass
			6	21.54	<=50	Pass
			13	21.26	<=50	Pass
		25	0	21.52	<=50	Pass

7.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	23.54	<=50	Pass
			25	23.80	<=50	Pass
			49	23.55	<=50	Pass
		25	0	22.57	<=50	Pass
			13	22.56	<=50	Pass
			25	22.46	<=50	Pass
		50	0	22.55	<=50	Pass
16QAM	819	1	0	22.25	<=50	Pass
			25	22.09	<=50	Pass
			49	22.18	<=50	Pass

		25	0	21.63	<=50	Pass
			13	21.57	<=50	Pass
			25	21.43	<=50	Pass
		50	0	21.43	<=50	Pass
64QAM	819	1	0	22.09	<=50	Pass
			25	22.43	<=50	Pass
			49	21.87	<=50	Pass
		25	0	21.59	<=50	Pass
			13	21.60	<=50	Pass
			25	21.51	<=50	Pass
		50	0	21.57	<=50	Pass