1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26c_15MHz_ERP

Band: 26c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	821.5	1	0	22.84	2.47	23.16	<=38.45	Pass
			74	23.08	2.47	23.40	<=38.45	Pass
		75	0	21.70	2.47	22.02	<=38.45	Pass
	831.5	1	0	22.81	2.47	23.13	<=38.45	Pass
			74	23.12	2.47	23.44	<=38.45	Pass
		75	0	21.70	2.47	22.02	<=38.45	Pass
	841.5	1	0	22.97	2.47	23.29	<=38.45	Pass
			74	23.07	2.47	23.39	<=38.45	Pass
		75	0	21.87	2.47	22.19	<=38.45	Pass
16QAM	821.5	1	0	21.99	2.47	22.31	<=38.45	Pass
			74	22.65	2.47	22.97	<=38.45	Pass
		75	0	20.70	2.47	21.02	<=38.45	Pass
	831.5	1	0	21.96	2.47	22.28	<=38.45	Pass
			74	22.69	2.47	23.01	<=38.45	Pass
		75	0	20.71	2.47	21.03	<=38.45	Pass
	841.5	1	0	22.56	2.47	22.88	<=38.45	Pass
			74	22.62	2.47	22.94	<=38.45	Pass
		75	0	20.89	2.47	21.21	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B26c_15MHz

Band: 26c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	831.5	75	0	20	12	0.873	0.0010	-2.5 to 2.5	Pass
					24	-0.629	-0.0008	-2.5 to 2.5	Pass
					48	1.159	0.0014	-2.5 to 2.5	Pass
				-30	24	1.030	0.0012	-2.5 to 2.5	Pass
				-20	24	1.187	0.0014	-2.5 to 2.5	Pass
				-10	24	1.230	0.0015	-2.5 to 2.5	Pass
				0	24	2.260	0.0027	-2.5 to 2.5	Pass
				10	24	2.117	0.0025	-2.5 to 2.5	Pass
				30	24	2.146	0.0026	-2.5 to 2.5	Pass
				40	24	1.631	0.0020	-2.5 to 2.5	Pass
				50	24	1.659	0.0020	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band26c_OBW

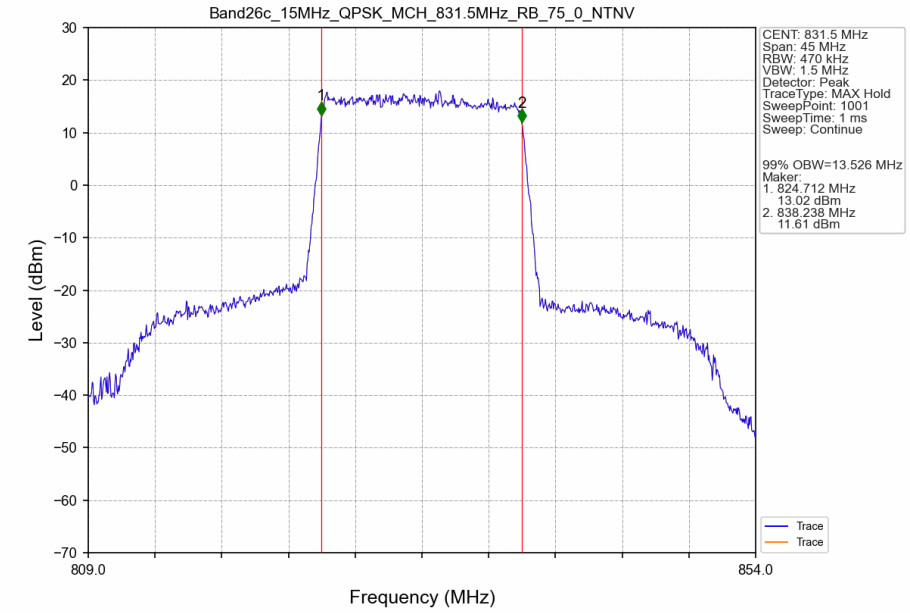
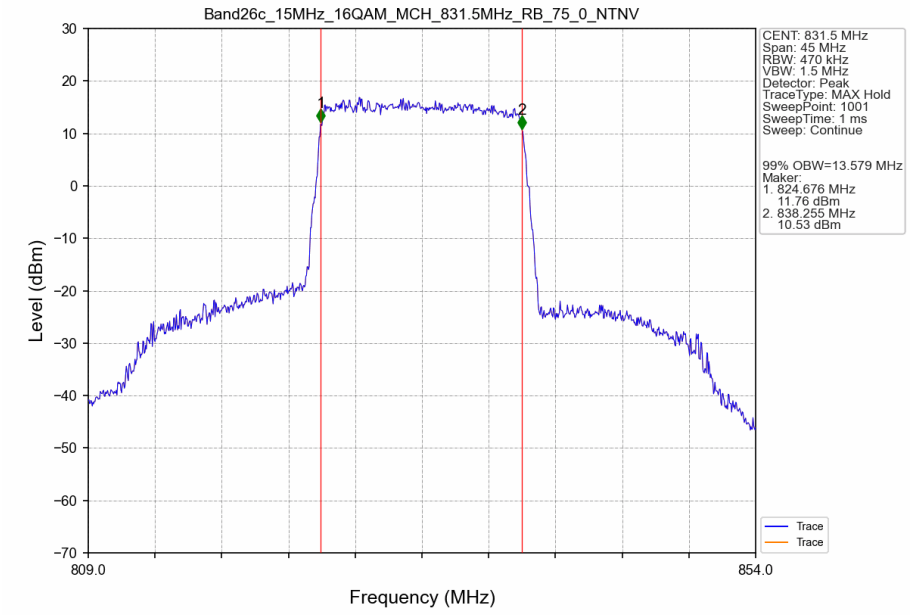
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	831.5	75	0	13.526	/	Pass
	16QAM	831.5	75	0	13.579	/	Pass

3.1.2 Band26c_XDB

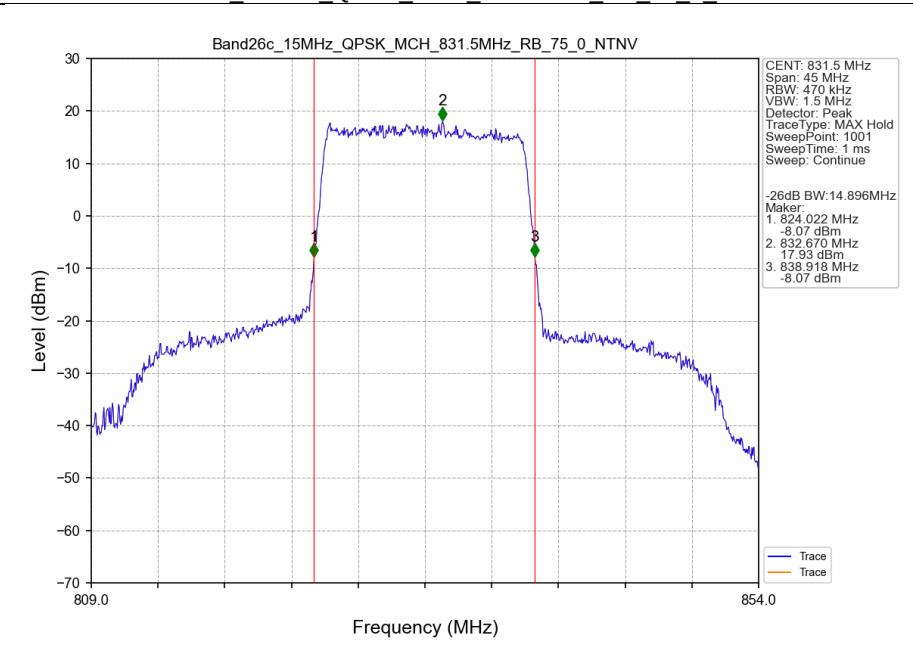
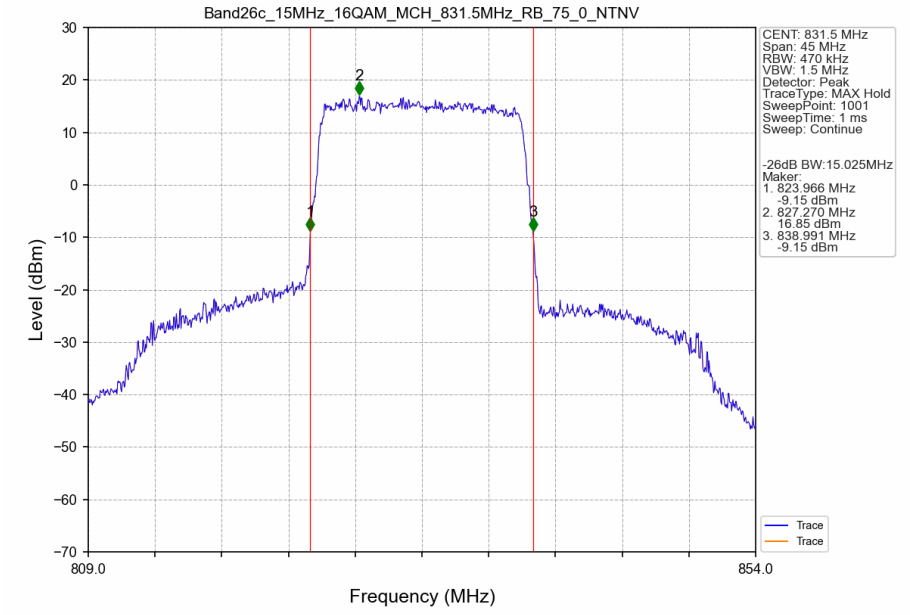
Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	831.5	75	0	14.896	/	Pass
	16QAM	831.5	75	0	15.025	/	Pass

3.2 Test Graph

3.2.1 Band26c_OBW

Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV

Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV


3.2.2 Band26c_XDB

Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV

Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV


4. Peak-Average Ratio

4.1 Test Result

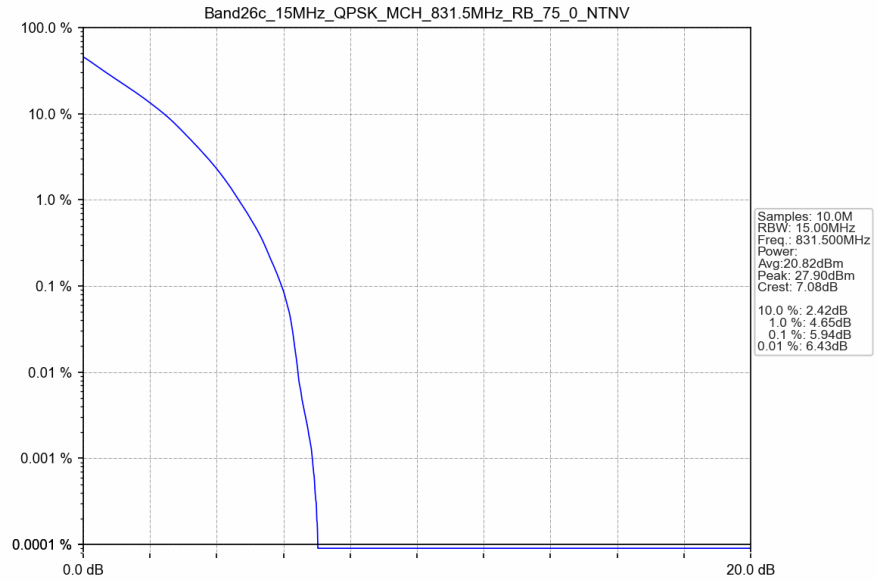
4.1.1 B26c_15MHz

Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	831.5	75	0	5.94	<=13	Pass
16QAM	831.5	75	0	6.39	<=13	Pass

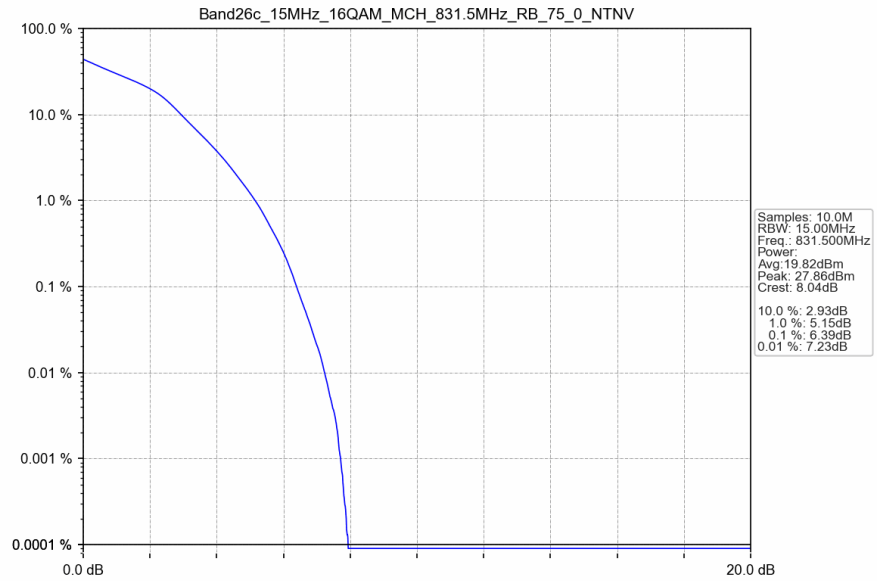
4.2 Test Graph

4.2.1 B26c_15MHz

Band26c_15MHz_QPSK_MCH_831.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_MCH_831.5MHz_RB_75_0_NTNV



5. Spurious Emission

5.1 Test Result

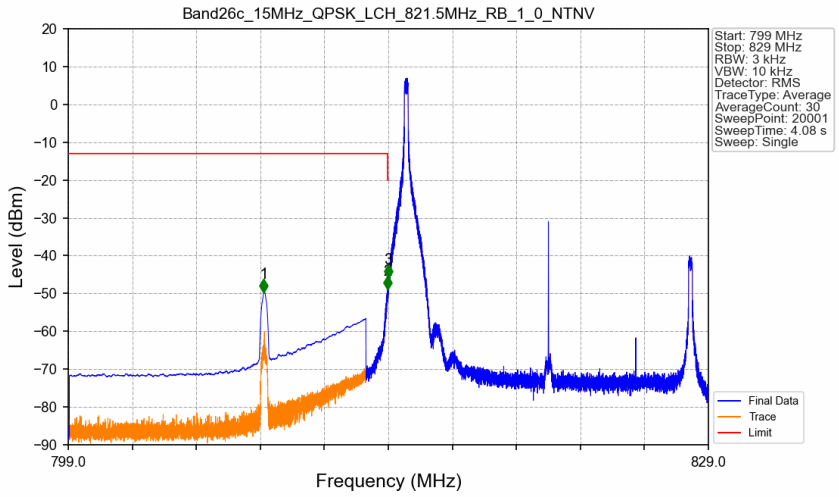
5.1.1 B26c_15MHz

Band: 26c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	831.5	1	0	Refer To Test Graph		Pass
	841.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.2 Test Graph

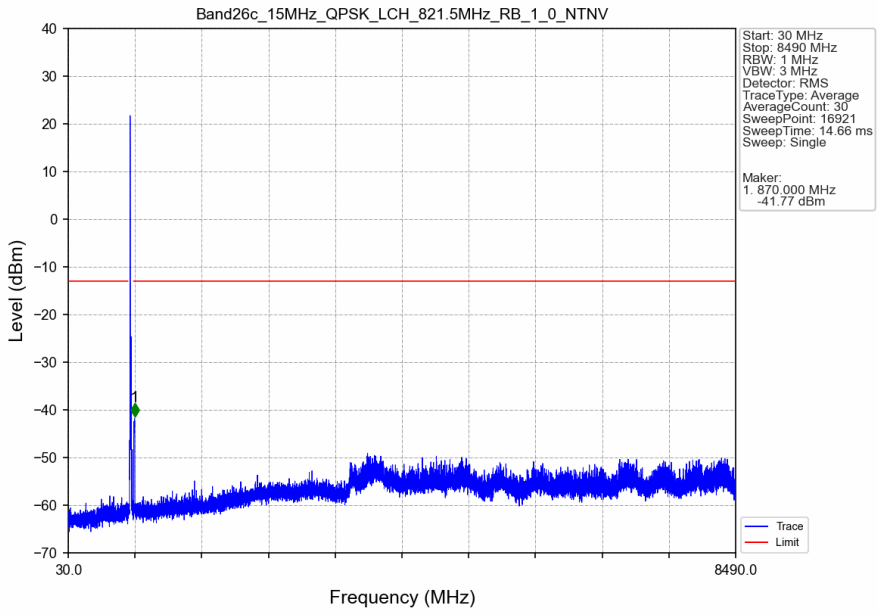
5.2.1 B26c_15MHz

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

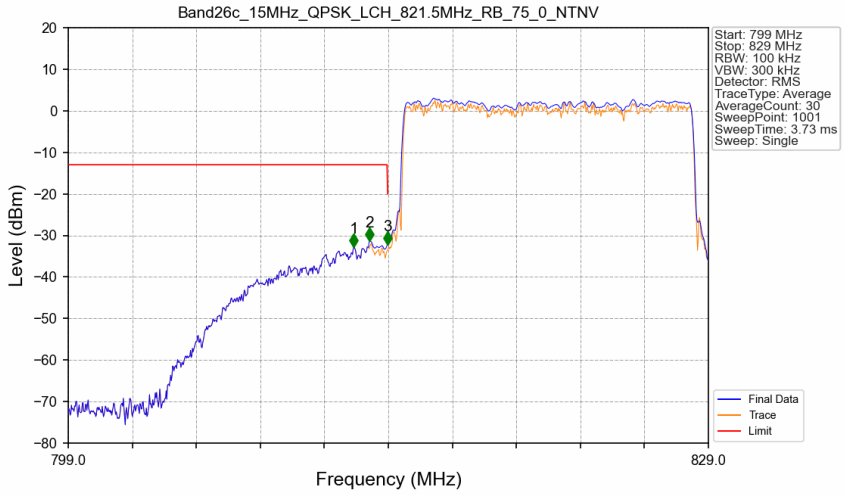


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	CHP	1	808.167	-49.69	-13	Pass
813	813.963	0.003	/	2	813.955	-48.91	-13	Pass
813.963	814	0.003	/	3	813.995	-45.88	-20	Pass
814	829	0.003	/	/	/	/	/	/

Band26c_15MHz_QPSK_LCH_821.5MHz_RB_1_0_NTNV

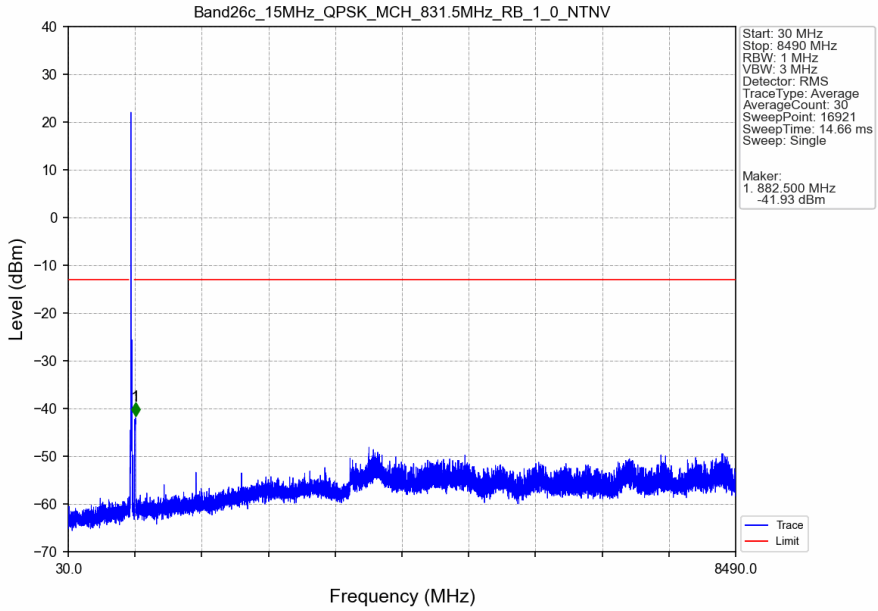


Band26c_15MHz_QPSK_LCH_821.5MHz_RB_75_0_NTNV

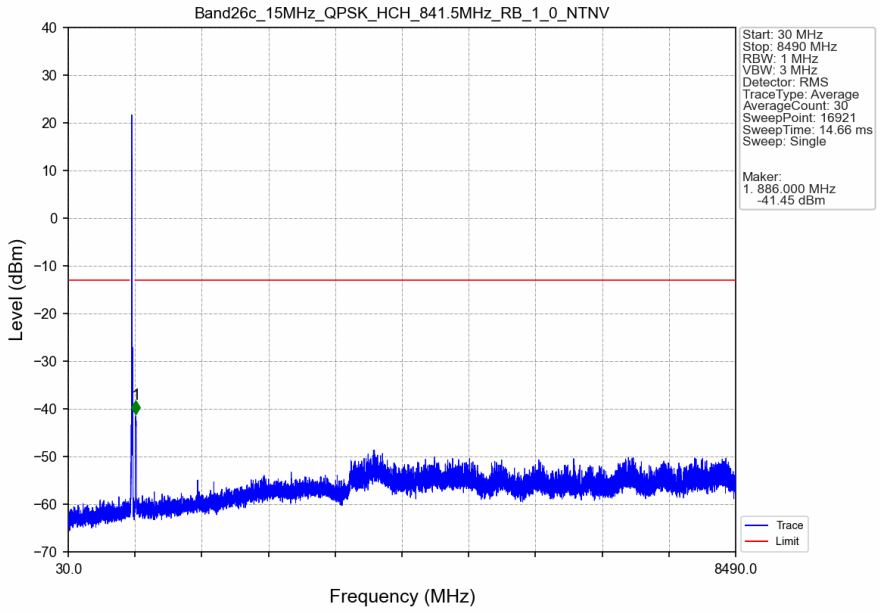


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
799	813	0.1	/	1	812.380	-32.69	-13	Pass
813	813.963	0.149	CHP	2	813.130	-31.37	-13	Pass
813.963	814	0.149	CHP	3	813.970	-32.17	-20	Pass
814	829	0.149	CHP	/	/	/	/	/

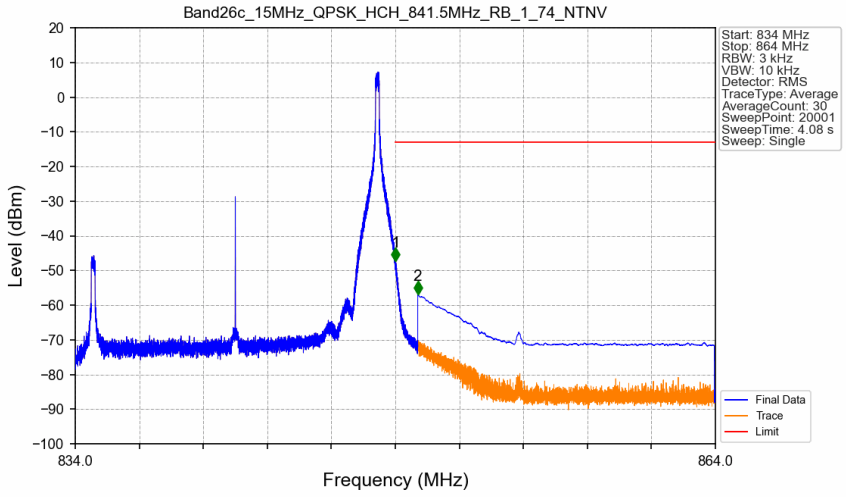
Band26c_15MHz_QPSK_MCH_831.5MHz_RB_1_0_NTNV



Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_0_NTNV

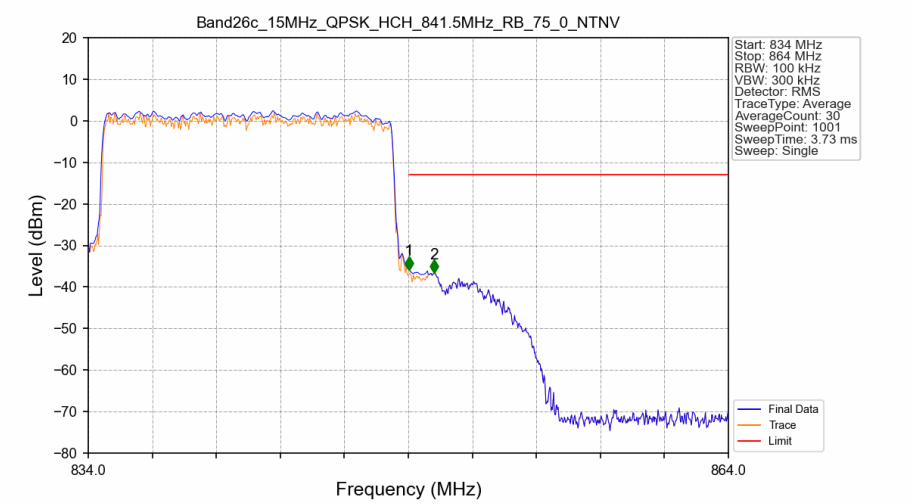


Band26c_15MHz_QPSK_HCH_841.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.003	-47.32	-13	Pass
850	864	0.1	CHP	2	850.052	-56.95	-13	Pass

Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
834	849	0.149	CHP	/	/	/	/	/
849	850	0.149	CHP	1	849.030	-35.77	-13	Pass
850	864	0.1	/	2	850.200	-36.52	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26c(814-849MHz)-Low channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0				
Frequency	**Spurious Emission Level**		**Limit**	**Margin**
(MHz)	**Polaxis**	**(dBm)**	**(dBm)**	**(dB)**
1629.5	H	-62.97	-13	49.97
2444.25	H	-59.65	-13	46.65
3259	H	-58.21	-13	45.21
1629.5	V	-62.53	-13	49.53
2444.25	V	-60.06	-13	47.06
3259	V	-58.16	-13	45.16

LTE Band 26c(814-849MHz)-Middle channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0				
Frequency	**Spurious Emission Level**		**Limit**	**Margin**
(MHz)	**Polaxis**	**(dBm)**	**(dBm)**	**(dB)**
1649.5	H	-62.59	-13	49.59
2474.25	H	-59.11	-13	46.11
3299	H	-57.64	-13	44.64
1649.5	V	-62.74	-13	49.74
2474.25	V	-60.1	-13	47.1
3299	V	-56.93	-13	43.93

LTE Band 26c(814-849MHz)-High channel, Modulation: QPSK, Bandwidth:15MHz, 1RB#0				
Frequency	**Spurious Emission Level**		**Limit**	**Margin**
(MHz)	**Polaxis**	**(dBm)**	**(dBm)**	**(dB)**
1669.5	H	-62.06	-13	49.06
2504.25	H	-59.9	-13	46.9
3339	H	-56.64	-13	43.64
1669.5	V	-61.66	-13	48.66
2504.25	V	-60.08	-13	47.08
3339	V	-56.97	-13	43.97