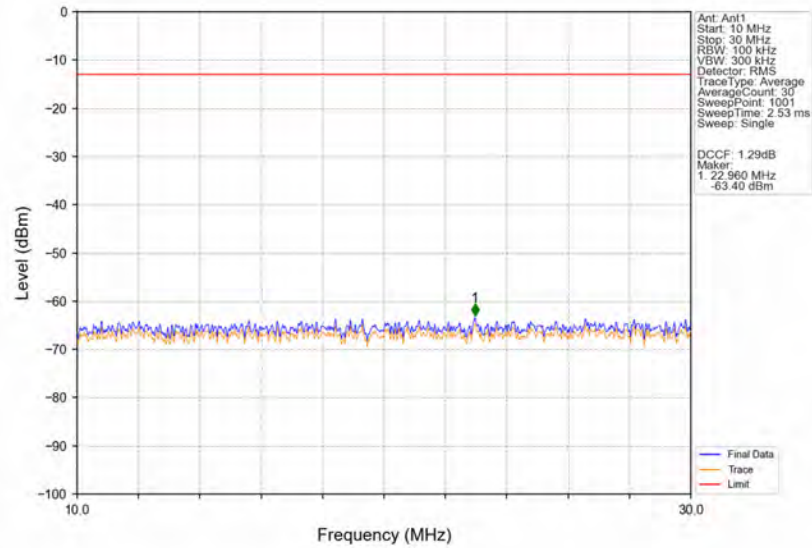
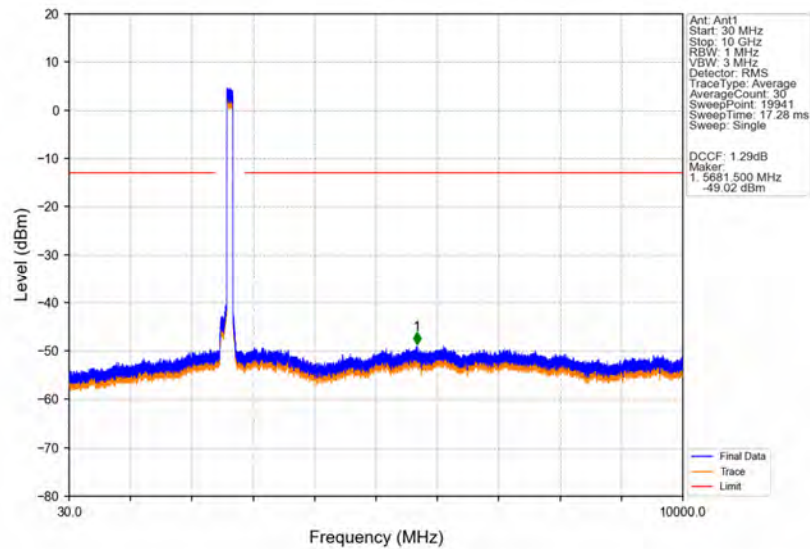


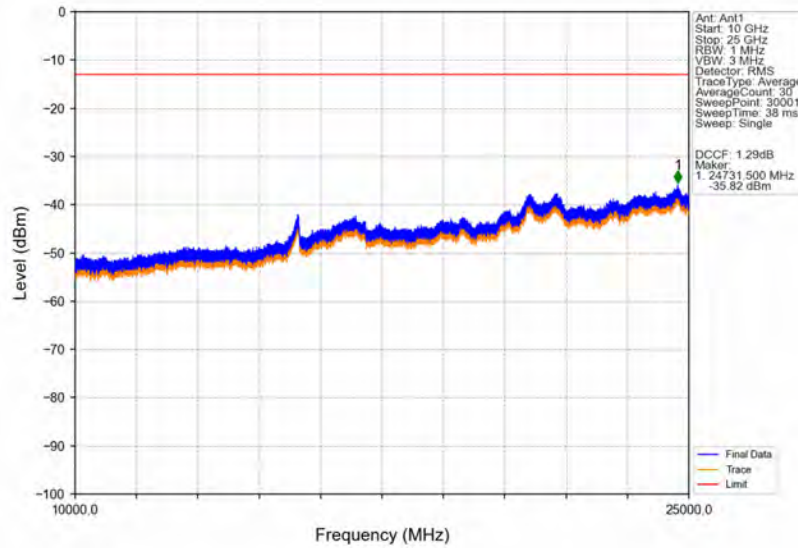
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_64QAM_CC1:2640MHz_Ant1



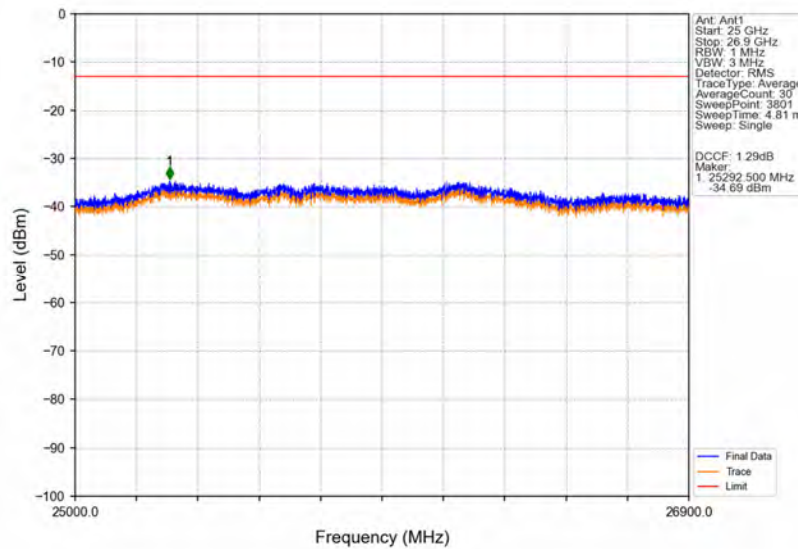
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_64QAM_CC1:2640MHz_Ant1



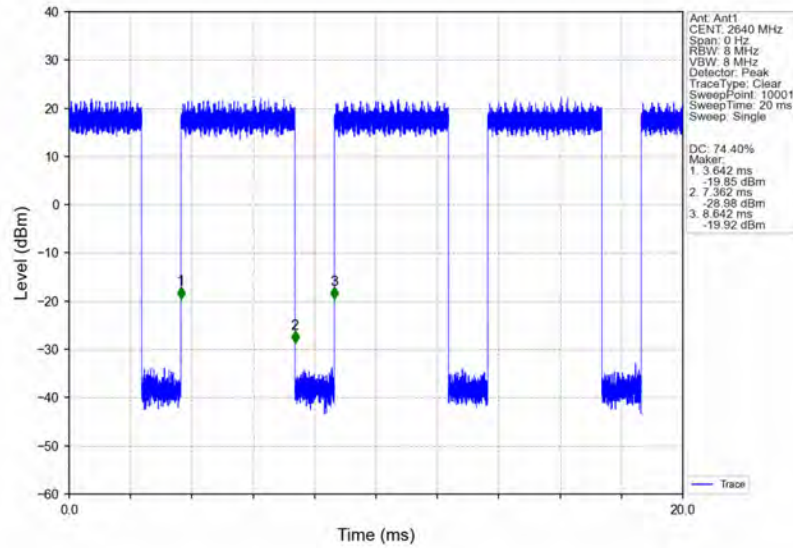
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_64QAM_CC1:2640MHz_Ant1



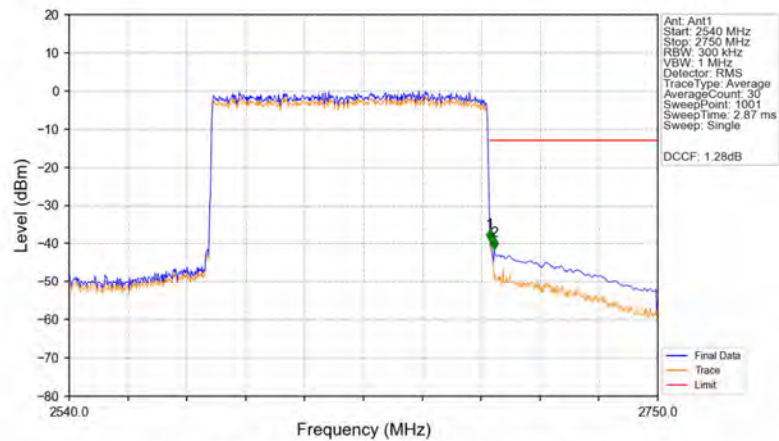
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_64QAM_CC1:2640MHz_Ant1



n41_BS Type 1-C 30 Single NTNV CC1:100MHz 256QAM CC1:2640MHz Ant1

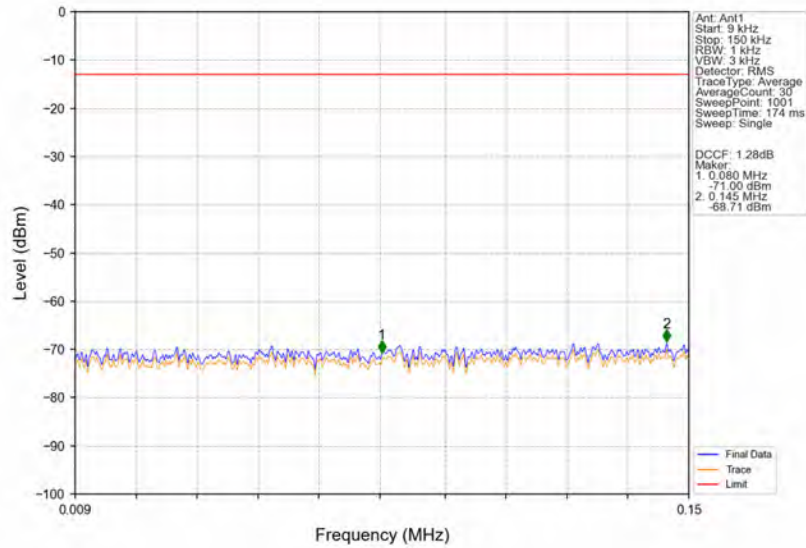


n41_BS Type 1-C 30 Single NTNV CC1:100MHz 256QAM CC1:2640MHz Ant1

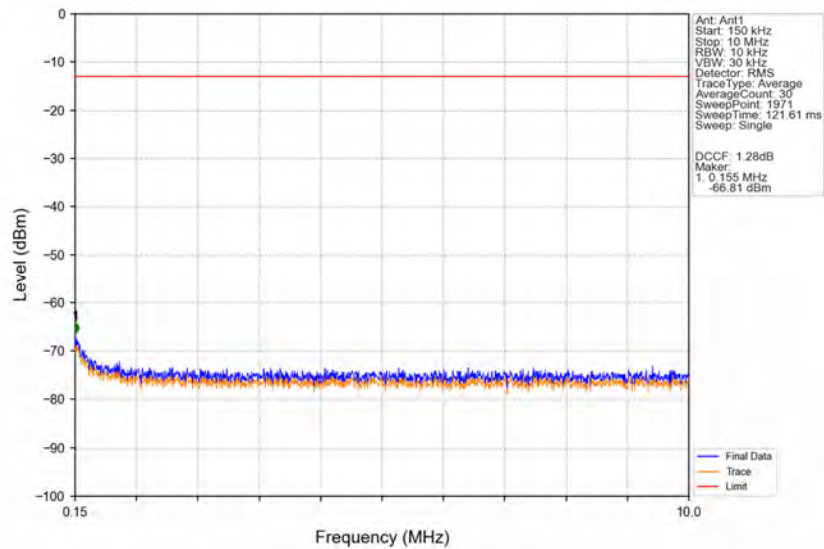


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2690	0.3	/	/	/	/	/	/
2690	2691	1	/	1	2690.150	-39.35	-13	Pass
2691	2750	1	CHP	2	2691.620	-41.53	-13	Pass

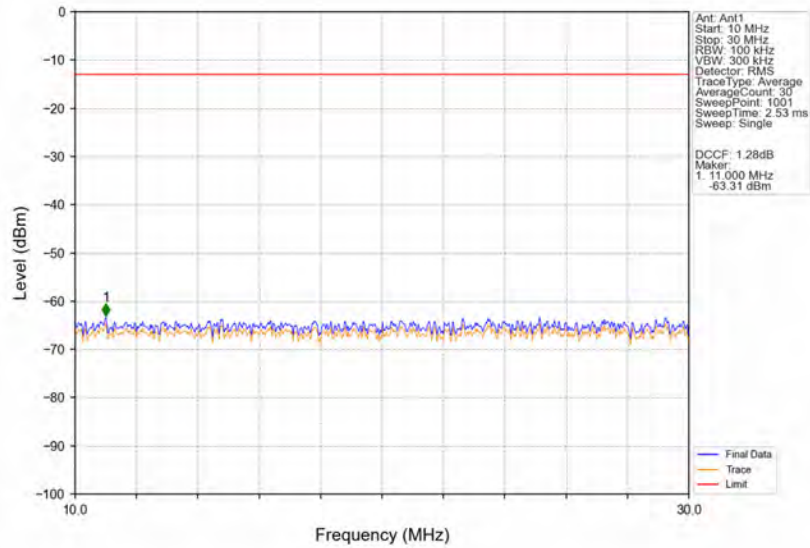
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_256QAM_CC1:2640MHz_Ant1



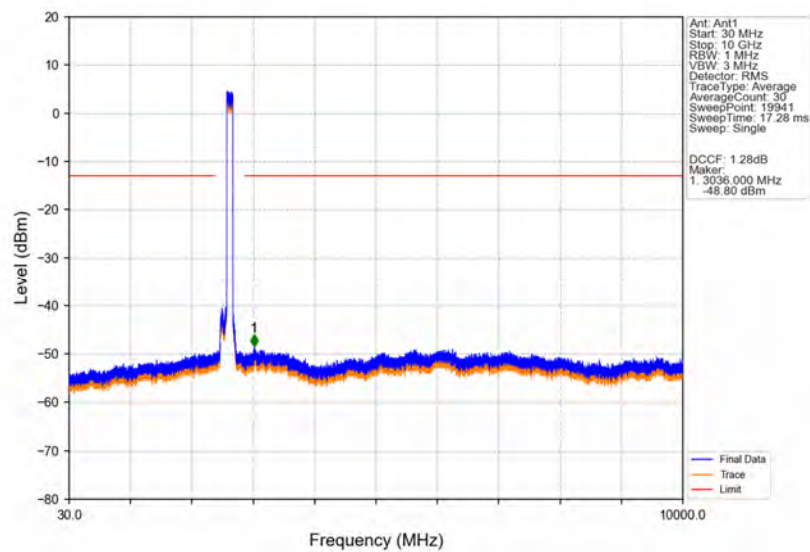
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_256QAM_CC1:2640MHz_Ant1



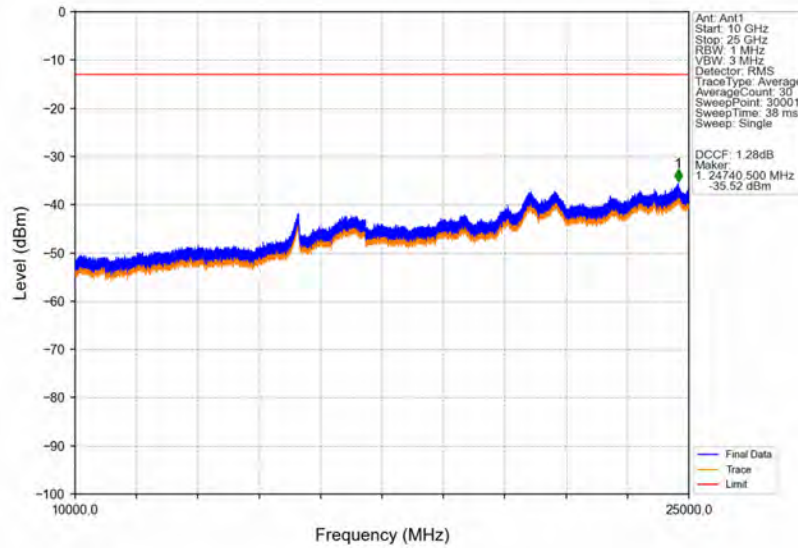
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_256QAM_CC1:2640MHz_Ant1



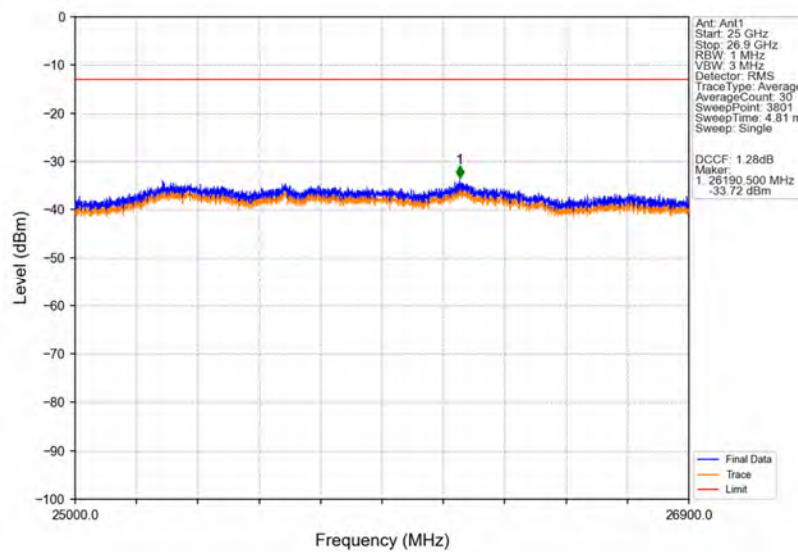
n41_BS Type 1-C_30_Single_NTNV_CC1:100MHz_256QAM_CC1:2640MHz_Ant1



n41 BS Type 1-C 30 Single NTNV CC1:100MHz 256QAM CC1:2640MHz Ant1



n41 BS Type 1-C 30 Single NTNV CC1:100MHz 256QAM CC1:2640MHz Ant1



6. Frequency Stability

6.1 30_Single_Ant1

6.1.1 Test Result

Band n41 Single NTN Ant1							
BW (MHz)	DL Frequency (MHz)	Test Mode	Temp. (°C)	Voltage (VAC)	Result (MHz)	Limit (MHz)	Verdict
CC1:20	CC1:2506.02	QPSK	20	102	2496.831	>2496	Pass
				120	2496.828	>2496	Pass
				138	2496.817	>2496	Pass
			-30	120	2496.822	>2496	Pass
			-20	120	2496.827	>2496	Pass
			-10	120	2496.832	>2496	Pass
			0	120	2496.836	>2496	Pass
			10	120	2496.833	>2496	Pass
			30	120	2496.798	>2496	Pass
			40	120	2496.820	>2496	Pass
			50	120	2496.845	>2496	Pass
	CC1:2679.99	QPSK	20	102	2689.148	<2690	Pass
				120	2689.151	<2690	Pass
				138	2689.141	<2690	Pass
			-30	120	2689.156	<2690	Pass
			-20	120	2689.126	<2690	Pass
			-10	120	2689.163	<2690	Pass
			0	120	2689.150	<2690	Pass
			10	120	2689.110	<2690	Pass
			30	120	2689.141	<2690	Pass
			40	120	2689.137	<2690	Pass
CC1:40	CC1:2516.01	QPSK	20	102	2497.018	>2496	Pass
				120	2497.011	>2496	Pass
				138	2497.021	>2496	Pass
			-30	120	2497.033	>2496	Pass
			-20	120	2497.031	>2496	Pass
			-10	120	2497.043	>2496	Pass
			0	120	2497.027	>2496	Pass
			10	120	2497.031	>2496	Pass
			30	120	2497.037	>2496	Pass
			40	120	2497.024	>2496	Pass
			50	120	2497.019	>2496	Pass
	CC1:2670	QPSK	20	102	2688.967	<2690	Pass
				120	2688.954	<2690	Pass
				138	2688.958	<2690	Pass
			-30	120	2688.968	<2690	Pass
			-20	120	2688.974	<2690	Pass
			-10	120	2688.959	<2690	Pass
			0	120	2688.950	<2690	Pass
			10	120	2688.971	<2690	Pass
			30	120	2688.093	<2690	Pass
			40	120	2688.094	<2690	Pass
CC1:60	CC1:2526	QPSK	20	102	2497.257	>2496	Pass
				120	2497.245	>2496	Pass
				138	2497.242	>2496	Pass

			-30	120	2497.247	>2496	Pass			
			-20	120	2497.238	>2496	Pass			
			-10	120	2497.240	>2496	Pass			
			0	120	2497.231	>2496	Pass			
			10	120	2497.234	>2496	Pass			
			30	120	2497.330	>2496	Pass			
			40	120	2497.254	>2496	Pass			
			50	120	2497.247	>2496	Pass			
	CC1:2659.98	QPSK	20	102	2688.994	<2690	Pass			
				120	2688.984	<2690	Pass			
				138	2688.981	<2690	Pass			
			-30	120	2688.975	<2690	Pass			
			-20	120	2688.960	<2690	Pass			
			-10	120	2688.958	<2690	Pass			
			0	120	2688.948	<2690	Pass			
			10	120	2688.957	<2690	Pass			
			30	120	2688.949	<2690	Pass			
			40	120	2688.977	<2690	Pass			
			50	120	2688.314	<2690	Pass			
CC1:80	CC1:2536.02	QPSK	20	102	2497.294	>2496	Pass			
				120	2497.298	>2496	Pass			
				138	2497.301	>2496	Pass			
			-30	120	2497.315	>2496	Pass			
			-20	120	2497.303	>2496	Pass			
			-10	120	2497.301	>2496	Pass			
			0	120	2497.289	>2496	Pass			
			10	120	2497.295	>2496	Pass			
			30	120	2497.298	>2496	Pass			
			40	120	2497.302	>2496	Pass			
			50	120	2497.294	>2496	Pass			
			CC1:2649.99	QPSK	20	102	2688.775	<2690	Pass	
	120	2688.741				<2690	Pass			
	138	2688.766				<2690	Pass			
	-30	120			2688.772	<2690	Pass			
	-20	120			2688.755	<2690	Pass			
	-10	120			2688.749	<2690	Pass			
	0	120			2688.773	<2690	Pass			
	10	120			2688.759	<2690	Pass			
	30	120			2688.767	<2690	Pass			
	40	120			2688.770	<2690	Pass			
	50	120			2688.731	<2690	Pass			
	CC1:100	CC1:2546.01			QPSK	20	102	2497.292	>2496	Pass
							120	2497.302	>2496	Pass
							138	2497.289	>2496	Pass
						-30	120	2497.291	>2496	Pass
			-20	120		2497.285	>2496	Pass		
-10			120	2497.294		>2496	Pass			
0			120	2497.280		>2496	Pass			
10			120	2497.277		>2496	Pass			
30			120	2497.305		>2496	Pass			
40			120	2497.286		>2496	Pass			
50			120	2497.302		>2496	Pass			
CC1:2640			QPSK	20		102	2688.885	<2690	Pass	
		120			2688.874	<2690	Pass			
		138			2688.891	<2690	Pass			
		-30		120	2688.879	<2690	Pass			
	-20	120		2688.868	<2690	Pass				
	-10	120		2688.880	<2690	Pass				



			0	120	2688.877	<2690	Pass
			10	120	2688.869	<2690	Pass
			30	120	2688.893	<2690	Pass
			40	120	2688.880	<2690	Pass
			50	120	2688.876	<2690	Pass

7. Radiated Spurious Emissions

7.1 Test Result

QPSK 20MHz 2506.02MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
98.164	Horizontal	-67.79	-13	-54.79	Pass
386.912	Horizontal	-71.16	-13	-58.16	Pass
784.515	Horizontal	-64.39	-13	-51.39	Pass
2501.500	Horizontal	-65.69	-13	-52.69	Pass
3851.600	Horizontal	-62.57	-13	-49.57	Pass
6254.660	Horizontal	-68.62	-13	-55.62	Pass
78.024	Vertical	-67.35	-13	-54.35	Pass
371.112	Vertical	-70.43	-13	-57.43	Pass
811.055	Vertical	-69.96	-13	-56.96	Pass
2296.600	Vertical	-67.78	-13	-54.78	Pass
4376.500	Vertical	-60.47	-13	-47.47	Pass
7205.830	Vertical	-64.55	-13	-51.55	Pass

QPSK 20MHz 2592.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
101.004	Horizontal	-64.94	-13	-51.94	Pass
398.532	Horizontal	-67.05	-13	-54.05	Pass
791.955	Horizontal	-63.46	-13	-50.46	Pass
2151.300	Horizontal	-68.18	-13	-55.18	Pass
3691.900	Horizontal	-61.66	-13	-48.66	Pass
5184.220	Horizontal	-64.38	-13	-51.38	Pass
122.704	Vertical	-66.06	-13	-53.06	Pass
374.262	Vertical	-67.79	-13	-54.79	Pass
791.045	Vertical	-69.60	-13	-56.60	Pass
2048.300	Vertical	-64.54	-13	-51.54	Pass
4395.100	Vertical	-63.11	-13	-50.11	Pass
5544.080	Vertical	-68.12	-13	-55.12	Pass

QPSK 20MHz 2679.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
108.834	Horizontal	-66.44	-13	-53.44	Pass
370.032	Horizontal	-63.71	-13	-50.71	Pass
819.375	Horizontal	-65.85	-13	-52.85	Pass
1821.000	Horizontal	-61.37	-13	-48.37	Pass
3917.100	Horizontal	-60.30	-13	-47.30	Pass
7021.300	Horizontal	-69.83	-13	-56.83	Pass
104.224	Vertical	-68.32	-13	-55.32	Pass
383.432	Vertical	-70.51	-13	-57.51	Pass
816.385	Vertical	-65.17	-13	-52.17	Pass
2409.600	Vertical	-61.60	-13	-48.60	Pass
4265.700	Vertical	-64.94	-13	-51.94	Pass
4862.410	Vertical	-62.48	-13	-49.48	Pass

QPSK 40MHz 2516.01MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
84.294	Horizontal	-65.91	-13	-52.91	Pass
368.052	Horizontal	-71.59	-13	-58.59	Pass
820.425	Horizontal	-64.57	-13	-51.57	Pass
1817.100	Horizontal	-63.40	-13	-50.40	Pass
3698.900	Horizontal	-63.19	-13	-50.19	Pass
6834.040	Horizontal	-62.30	-13	-49.30	Pass
84.024	Vertical	-63.88	-13	-50.88	Pass
408.562	Vertical	-65.06	-13	-52.06	Pass
781.545	Vertical	-63.03	-13	-50.03	Pass
1915.300	Vertical	-62.80	-13	-49.80	Pass
3874.300	Vertical	-66.70	-13	-53.70	Pass
5564.180	Vertical	-66.11	-13	-53.11	Pass

QPSK 40MHz 2592.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
106.644	Horizontal	-66.21	-13	-53.21	Pass
381.732	Horizontal	-64.44	-13	-51.44	Pass
777.915	Horizontal	-65.82	-13	-52.82	Pass
2419.700	Horizontal	-68.15	-13	-55.15	Pass
4230.600	Horizontal	-60.71	-13	-47.71	Pass
5795.520	Horizontal	-62.71	-13	-49.71	Pass
82.194	Vertical	-63.74	-13	-50.74	Pass
405.412	Vertical	-70.45	-13	-57.45	Pass
792.965	Vertical	-70.57	-13	-57.57	Pass
2310.300	Vertical	-60.98	-13	-47.98	Pass
3627.900	Vertical	-59.76	-13	-46.76	Pass
4818.630	Vertical	-68.79	-13	-55.79	Pass

QPSK 40MHz 2670MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
123.234	Horizontal	-63.16	-13	-50.16	Pass
393.702	Horizontal	-71.56	-13	-58.56	Pass
809.495	Horizontal	-65.81	-13	-52.81	Pass
2482.200	Horizontal	-63.17	-13	-50.17	Pass
4071.900	Horizontal	-59.34	-13	-46.34	Pass
7024.540	Horizontal	-68.91	-13	-55.91	Pass
86.584	Vertical	-67.96	-13	-54.96	Pass
387.162	Vertical	-71.47	-13	-58.47	Pass
782.285	Vertical	-67.42	-13	-54.42	Pass
2047.900	Vertical	-65.74	-13	-52.74	Pass
4148.000	Vertical	-62.31	-13	-49.31	Pass
6060.430	Vertical	-67.64	-13	-54.64	Pass

QPSK 60MHz 2526MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
102.114	Horizontal	-67.92	-13	-54.92	Pass
399.662	Horizontal	-67.23	-13	-54.23	Pass
800.565	Horizontal	-64.75	-13	-51.75	Pass
2361.600	Horizontal	-60.60	-13	-47.60	Pass
4033.300	Horizontal	-66.26	-13	-53.26	Pass
5652.890	Horizontal	-69.53	-13	-56.53	Pass
106.674	Vertical	-61.66	-13	-48.66	Pass
397.342	Vertical	-63.84	-13	-50.84	Pass
789.845	Vertical	-69.74	-13	-56.74	Pass
2117.900	Vertical	-67.49	-13	-54.49	Pass
4165.700	Vertical	-59.10	-13	-46.10	Pass
5597.810	Vertical	-64.79	-13	-51.79	Pass

QPSK 60MHz 2592.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
125.564	Horizontal	-65.33	-13	-52.33	Pass
406.892	Horizontal	-71.07	-13	-58.07	Pass
805.835	Horizontal	-68.94	-13	-55.94	Pass
2635.800	Horizontal	-61.68	-13	-48.68	Pass
3617.400	Horizontal	-60.96	-13	-47.96	Pass
6131.320	Horizontal	-67.32	-13	-54.32	Pass
110.844	Vertical	-65.73	-13	-52.73	Pass
384.792	Vertical	-66.62	-13	-53.62	Pass
812.395	Vertical	-68.61	-13	-55.61	Pass
2601.600	Vertical	-65.94	-13	-52.94	Pass
4123.300	Vertical	-66.10	-13	-53.10	Pass
6094.320	Vertical	-69.27	-13	-56.27	Pass

QPSK 60MHz 2659.98MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
121.314	Horizontal	-67.68	-13	-54.68	Pass
393.522	Horizontal	-68.48	-13	-55.48	Pass
821.055	Horizontal	-70.27	-13	-57.27	Pass
2305.700	Horizontal	-65.90	-13	-52.90	Pass
4214.000	Horizontal	-66.16	-13	-53.16	Pass
6293.090	Horizontal	-67.33	-13	-54.33	Pass
117.054	Vertical	-68.48	-13	-55.48	Pass
387.912	Vertical	-71.41	-13	-58.41	Pass
791.445	Vertical	-64.34	-13	-51.34	Pass
2451.800	Vertical	-65.95	-13	-52.95	Pass
3640.000	Vertical	-65.38	-13	-52.38	Pass
6616.060	Vertical	-64.35	-13	-51.35	Pass

QPSK 80MHz 2536.02MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
117.014	Horizontal	-67.31	-13	-54.31	Pass
362.652	Horizontal	-69.91	-13	-56.91	Pass
813.855	Horizontal	-70.46	-13	-57.46	Pass
2625.800	Horizontal	-65.20	-13	-52.20	Pass
3942.600	Horizontal	-63.46	-13	-50.46	Pass
4960.100	Horizontal	-68.33	-13	-55.33	Pass
102.164	Vertical	-65.32	-13	-52.32	Pass
373.532	Vertical	-70.32	-13	-57.32	Pass
787.015	Vertical	-66.25	-13	-53.25	Pass
1997.300	Vertical	-62.04	-13	-49.04	Pass
4395.100	Vertical	-66.48	-13	-53.48	Pass
4808.600	Vertical	-63.85	-13	-50.85	Pass

QPSK 80MHz 2592.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
77.244	Horizontal	-64.28	-13	-51.28	Pass
364.162	Horizontal	-67.54	-13	-54.54	Pass
814.705	Horizontal	-63.38	-13	-50.38	Pass
2567.400	Horizontal	-64.05	-13	-51.05	Pass
3852.500	Horizontal	-66.56	-13	-53.56	Pass
7073.970	Horizontal	-62.05	-13	-49.05	Pass
105.144	Vertical	-69.45	-13	-56.45	Pass
397.612	Vertical	-63.73	-13	-50.73	Pass
792.735	Vertical	-70.11	-13	-57.11	Pass
2256.700	Vertical	-63.29	-13	-50.29	Pass
4381.100	Vertical	-65.09	-13	-52.09	Pass
6703.480	Vertical	-67.22	-13	-54.22	Pass

QPSK 80MHz 2649.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
82.434	Horizontal	-65.77	-13	-52.77	Pass
364.922	Horizontal	-66.07	-13	-53.07	Pass
778.855	Horizontal	-63.65	-13	-50.65	Pass
2553.300	Horizontal	-62.38	-13	-49.38	Pass
3617.600	Horizontal	-61.53	-13	-48.53	Pass
6050.970	Horizontal	-65.73	-13	-52.73	Pass
92.194	Vertical	-69.30	-13	-56.30	Pass
407.052	Vertical	-70.40	-13	-57.40	Pass
776.725	Vertical	-64.03	-13	-51.03	Pass
2182.900	Vertical	-62.53	-13	-49.53	Pass
3710.600	Vertical	-59.38	-13	-46.38	Pass
7080.760	Vertical	-62.54	-13	-49.54	Pass

QPSK 100MHz 2546.01MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
124.304	Horizontal	-67.64	-13	-54.64	Pass
369.402	Horizontal	-63.91	-13	-50.91	Pass
808.675	Horizontal	-70.21	-13	-57.21	Pass
2090.800	Horizontal	-67.80	-13	-54.80	Pass
3810.400	Horizontal	-65.92	-13	-52.92	Pass
4851.390	Horizontal	-67.22	-13	-54.22	Pass
111.894	Vertical	-69.44	-13	-56.44	Pass
387.772	Vertical	-68.90	-13	-55.90	Pass
777.735	Vertical	-64.65	-13	-51.65	Pass
2105.200	Vertical	-67.46	-13	-54.46	Pass
3771.700	Vertical	-63.86	-13	-50.86	Pass
6172.370	Vertical	-69.81	-13	-56.81	Pass

QPSK 100MHz 2592.99MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
106.874	Horizontal	-69.41	-13	-56.41	Pass
375.302	Horizontal	-69.20	-13	-56.20	Pass
798.235	Horizontal	-68.31	-13	-55.31	Pass
2446.000	Horizontal	-67.14	-13	-54.14	Pass
3973.000	Horizontal	-61.07	-13	-48.07	Pass
5228.000	Horizontal	-63.89	-13	-50.89	Pass
107.924	Vertical	-63.14	-13	-50.14	Pass
388.872	Vertical	-66.32	-13	-53.32	Pass
822.175	Vertical	-68.09	-13	-55.09	Pass
2011.800	Vertical	-64.79	-13	-51.79	Pass
4300.300	Vertical	-61.20	-13	-48.20	Pass
7017.550	Vertical	-67.69	-13	-54.69	Pass

QPSK 100MHz 2640MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
88.594	Horizontal	-63.35	-13	-50.35	Pass
391.102	Horizontal	-68.73	-13	-55.73	Pass
812.965	Horizontal	-69.45	-13	-56.45	Pass
2155.700	Horizontal	-65.17	-13	-52.17	Pass
4211.400	Horizontal	-59.68	-13	-46.68	Pass
6271.390	Horizontal	-65.44	-13	-52.44	Pass
113.384	Vertical	-63.94	-13	-50.94	Pass
374.472	Vertical	-70.53	-13	-57.53	Pass
781.695	Vertical	-70.17	-13	-57.17	Pass
2351.300	Vertical	-67.12	-13	-54.12	Pass
3780.900	Vertical	-62.61	-13	-49.61	Pass
6040.840	Vertical	-67.47	-13	-54.47	Pass

Note: All modes have been tested and only record the worst test result.