

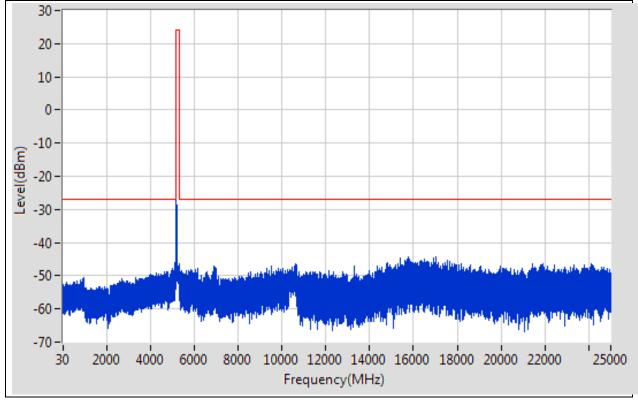
Annex A.6 Conducted Spurious Emission

Document No: BL-SZ1840038



1. 802.11a_20M_Band1_L

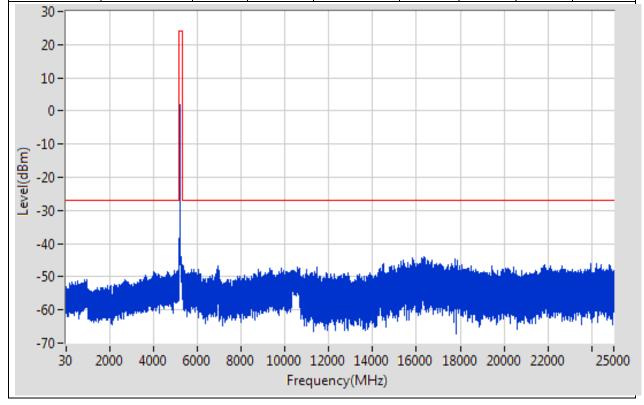
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	972.097	-50.67	-27	Pass	9700
1000	5150	0.1	Peak	5149.4	-44.71	-27	Pass	41499
5150	5350	0.1	Peak	5173.712	2.44	24	Pass	2000
5350	10300	0.1	Peak	6912.349	-47.07	-27	Pass	49499
10300	10700	0.1	Peak	10602.176	-46.35	-27	Pass	4000
10700	25000	0.1	Peak	17003.597	-44.26	-27	Pass	142999





2. 802.11a_20M_Band1_M

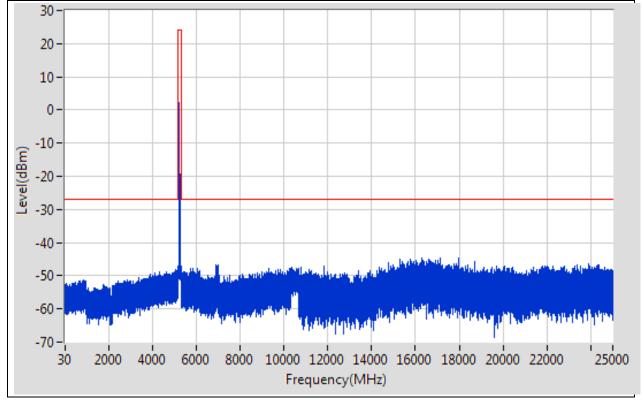
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	957.096	-50.75	-27	Pass	9700
1000	5150	0.1	Peak	4965.361	-48.11	-27	Pass	41499
5150	5350	0.1	Peak	5224.937	1.91	24	Pass	2000
5350	10300	0.1	Peak	5403.902	-46.67	-27	Pass	49499
10300	10700	0.1	Peak	10564.566	-47	-27	Pass	4000
10700	25000	0.1	Peak	16330.176	-43.86	-27	Pass	142999





3. 802.11a_20M_Band1_H

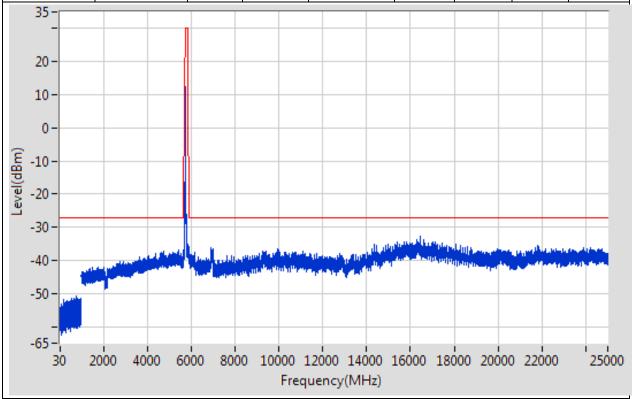
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	860.886	-51.12	-27	Pass	9700
1000	5150	0.1	Peak	5050.579	-48.15	-27	Pass	41499
5150	5350	0.1	Peak	5244.947	2.27	24	Pass	2000
5350	10300	0.1	Peak	6913.649	-46.68	-27	Pass	49499
10300	10700	0.1	Peak	10371.618	-47.26	-27	Pass	4000
10700	25000	0.1	Peak	16306.175	-44.51	-27	Pass	142999





4. 802.11a_20M_Band4_L

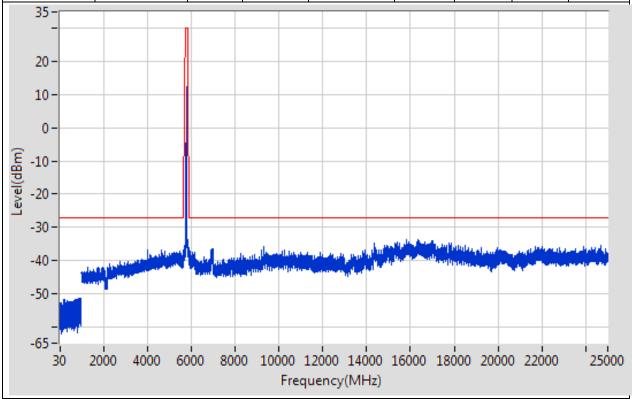
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	780.177	-50.68	-27	Pass	9700
1000	5650	1	Peak	5417.95	-36.92	-27	Pass	4650
5650	5700	1	Peak	5650.145	-37.48	-26.89	Pass	691
5700	5720	1	Peak	5719.739	-21.15	15.53	Pass	691
5720	5725	1	Peak	5723.442	-11.44	23.45	Pass	691
5725	5850	1	Peak	5739.855	12.55	30	Pass	691
5850	5855	1	Peak	5854.79	-36.85	16.08	Pass	691
5855	5875	1	Peak	5874.739	-36.72	10.07	Pass	691
5875	5925	1	Peak	5924.783	-36.79	-26.84	Pass	691
5925	25000	1	Peak	16453.552	-32.78	-27	Pass	19075





5. 802.11a_20M_Band4_M

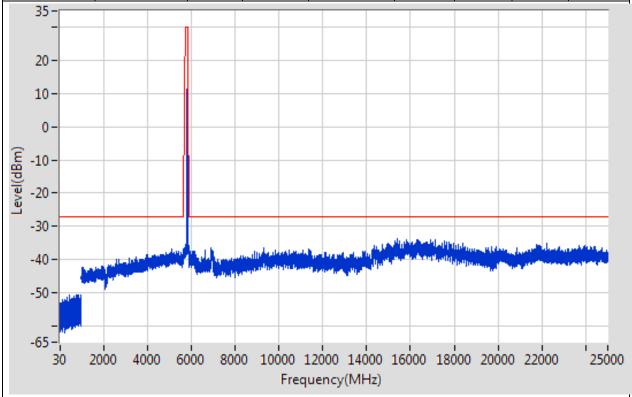
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	989.799	-51.41	-27	Pass	9700
1000	5650	1	Peak	4011.648	-36.71	-27	Pass	4650
5650	5700	1	Peak	5650.29	-37.52	-26.79	Pass	691
5700	5720	1	Peak	5700.232	-36.87	10.06	Pass	691
5720	5725	1	Peak	5720.022	-36.08	15.65	Pass	691
5725	5850	1	Peak	5780.616	12.43	30	Pass	691
5850	5855	1	Peak	5854.913	-36.84	15.8	Pass	691
5855	5875	1	Peak	5874.449	-35.81	10.15	Pass	691
5875	5925	1	Peak	5924.928	-37.64	-26.95	Pass	691
5925	25000	1	Peak	16339.546	-33.63	-27	Pass	19075





6. 802.11a_20M_Band4_H

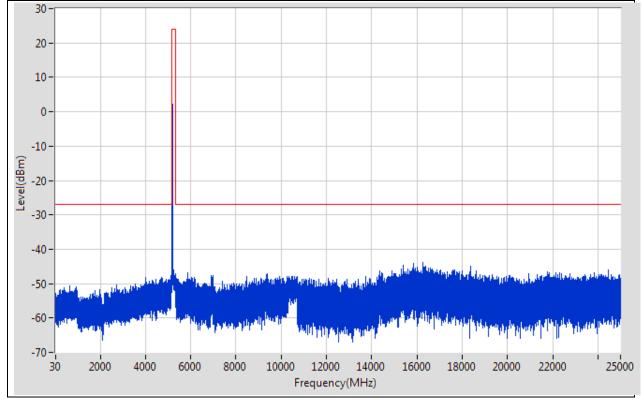
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	767.976	-50.6	-27	Pass	9700
1000	5650	1	Peak	5118.886	-36.86	-27	Pass	4650
5650	5700	1	Peak	5650.29	-38.1	-26.79	Pass	691
5700	5720	1	Peak	5700.783	-36.76	10.22	Pass	691
5720	5725	1	Peak	5720.043	-36.85	15.7	Pass	691
5725	5850	1	Peak	5820.833	11.25	30	Pass	691
5850	5855	1	Peak	5854.971	-28.7	15.67	Pass	691
5855	5875	1	Peak	5855.754	-27.91	15.39	Pass	691
5875	5925	1	Peak	5924.928	-37.45	-26.95	Pass	691
5925	25000	1	Peak	15396.497	-33.62	-27	Pass	19075





7. 802.11n_20M_Band1_L

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	658.765	-50.73	-27	Pass	9700
1000	5150	0.1	Peak	5148.2	-44.45	-27	Pass	41499
5150	5350	0.1	Peak	5173.712	2.71	24	Pass	2000
5350	10300	0.1	Peak	5853.616	-46.76	-27	Pass	49499
10300	10700	0.1	Peak	10354.214	-47.86	-27	Pass	4000
10700	25000	0.1	Peak	16273.074	-43.8	-27	Pass	142999

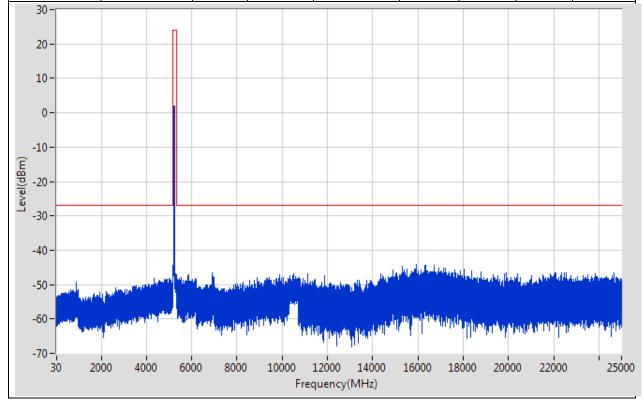




8. 802.11n_20M_Band1_M

8.1. A.6-Conducted Spurious Emission(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	891.889	-49.24	-27	Pass	9700
1000	5150	0.1	Peak	5012.871	-48.17	-27	Pass	41499
5150	5350	0.1	Peak	5224.937	1.97	24	Pass	2000
5350	10300	0.1	Peak	6902.249	-46.48	-27	Pass	49499
10300	10700	0.1	Peak	10492.448	-46.81	-27	Pass	4000
10700	25000	0.1	Peak	15933.364	-44.08	-27	Pass	142999



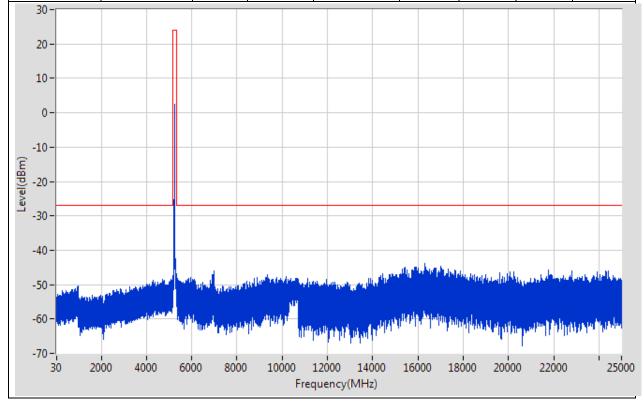
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9. 802.11n_20M_Band1_H

9.1. A.6-Conducted Spurious Emission(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	971.297	-50.44	-27	Pass	9700
1000	5150	0.1	Peak	5088.887	-48.38	-27	Pass	41499
5150	5350	0.1	Peak	5244.947	2.52	24	Pass	2000
5350	10300	0.1	Peak	6974.651	-46.12	-27	Pass	49499
10300	10700	0.1	Peak	10586.672	-48.08	-27	Pass	4000
10700	25000	0.1	Peak	16286.475	-43.75	-27	Pass	142999



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10. 802.11n_20M_Band4_L

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	811.081	-50.93	-27	Pass	9700
1000	5650	1	Peak	5297.924	-36.9	-27	Pass	4650
5650	5700	1	Peak	5650.797	-37.27	-26.41	Pass	69
5700	5720	1	Peak	5719.565	-19.81	15.48	Pass	69 ⁻
5720	5725	1	Peak	5721.457	-12.34	18.92	Pass	69
5725	5850	1	Peak	5748.37	12.38	30	Pass	69
5850	5855	1	Peak	5854.884	-35.78	15.86	Pass	69
5855	5875	1	Peak	5873.174	-36.28	10.51	Pass	69
5875	5925	1	Peak	5925	-38.1	-27	Pass	69
5925	25000	1	Peak	15937.525	-33.5	-27	Pass	1907
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11. 802.11n_20M_Band4_M

11.1. A.6-Conducted Spurious Emission(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	943.994	-50.37	-27	Pass	9700
1000	5650	1	Peak	5390.944	-36.37	-27	Pass	4650
5650	5700	1	Peak	5650	-38.11	-27	Pass	691
5700	5720	1	Peak	5700.319	-37.15	10.09	Pass	691
5720	5725	1	Peak	5720.007	-36.26	15.62	Pass	691
5725	5850	1	Peak	5790.761	12.03	30	Pass	691
5850	5855	1	Peak	5854.862	-36.2	15.91	Pass	691
5855	5875	1	Peak	5869.377	-34.73	11.57	Pass	691
5875	5925	1	Peak	5924.928	-37.71	-26.95	Pass	691
5925	25000	1	Peak	16389.549	-33.23	-27	Pass	19075
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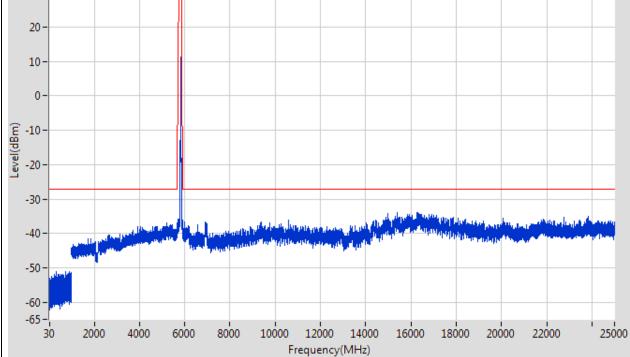
Frequency(MHz)



12. 802.11n_20M_Band4_H

12.1. A.6-Conducted Spurious Emission(NTNV)

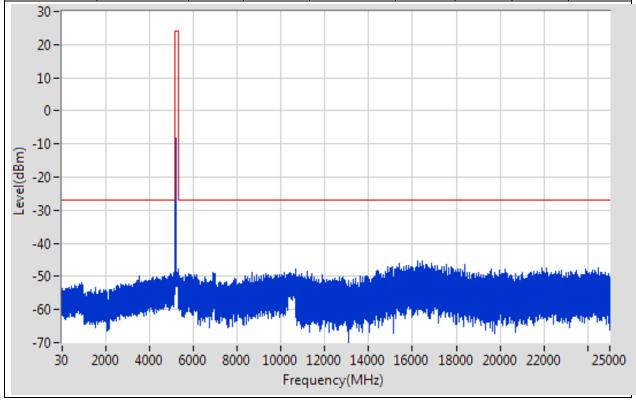
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	914.891	-50.98	-27	Pass	9700
1000	5650	1	Peak	5191.901	-36.98	-27	Pass	4650
5650	5700	1	Peak	5650.217	-37.98	-26.84	Pass	691
5700	5720	1	Peak	5701.913	-36.99	10.54	Pass	691
5720	5725	1	Peak	5720.101	-36.35	15.83	Pass	691
5725	5850	1	Peak	5820.652	11.28	30	Pass	691
5850	5855	1	Peak	5854.746	-27.12	16.18	Pass	691
5855	5875	1	Peak	5857.058	-29.83	15.02	Pass	691
5875	5925	1	Peak	5925	-37.79	-27	Pass	691
5925	25000	1	Peak	16308.544	-34.03	-27	Pass	19075
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Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	901.09	-52.04	-27	Pass	9700
1000	5150	0.1	Peak	5148.1	-48.52	-27	Pass	41499
5150	5350	0.1	Peak	5178.714	-7.7	24	Pass	2000
5350	10300	0.1	Peak	10169.885	-48.74	-27	Pass	49499
10300	10700	0.1	Peak	10683.096	-47.72	-27	Pass	4000
10700	25000	0.1	Peak	16252.073	-45.29	-27	Pass	142999

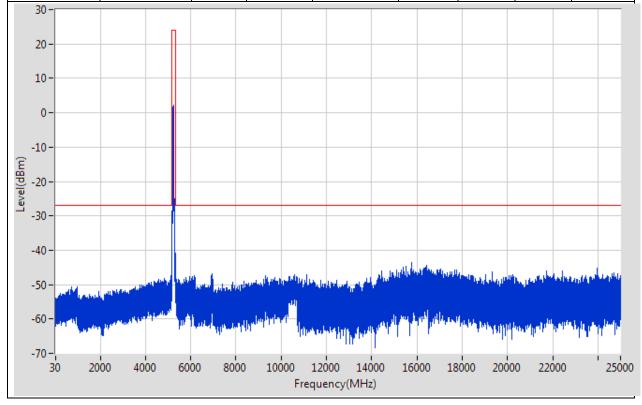




14. 802.11n_40M_Band1_H

14.1. A.6-Conducted Spurious Emission(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	749.774	-50.56	-27	Pass	9700
1000	5150	0.1	Peak	5149.4	-47.38	-27	Pass	41499
5150	5350	0.1	Peak	5233.742	2.31	24	Pass	2000
5350	10300	0.1	Peak	6941.75	-46.94	-27	Pass	49499
10300	10700	0.1	Peak	10593.473	-47.15	-27	Pass	4000
10700	25000	0.1	Peak	15771.158	-43.67	-27	Pass	142999

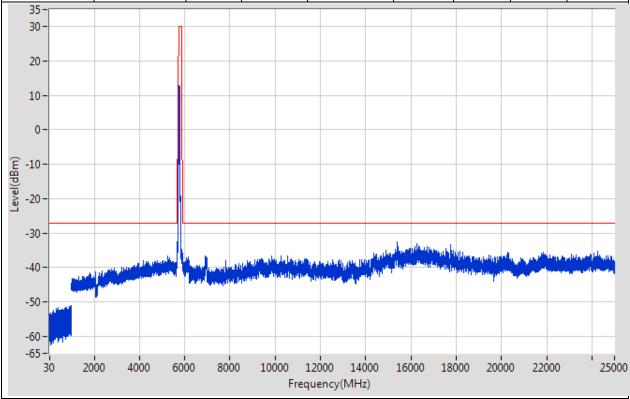


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15. 802.11n_40M_Band4_L

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	984.698	-51.08	-27	Pass	9700
1000	5650	1	Peak	5242.912	-36.76	-27	Pass	4650
5650	5700	1	Peak	5652.319	-34.89	-25.28	Pass	691
5700	5720	1	Peak	5719.826	-8.58	15.55	Pass	691
5720	5725	1	Peak	5720.116	-7.63	15.86	Pass	691
5725	5850	1	Peak	5764.493	12.82	30	Pass	691
5850	5855	1	Peak	5854.978	-36.3	15.65	Pass	691
5855	5875	1	Peak	5874.942	-36.19	10.02	Pass	691
5875	5925	1	Peak	5925	-37.32	-27	Pass	691
5925	25000	1	Peak	15413.497	-32.71	-27	Pass	19075
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-50 -

-60 --65 -30

2000

4000

6000

8000

16. 802.11n_40M_Band4_H

16.1. A.6-Conducted Spurious Emission(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detecto r	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdic t	Sweep Point
30	1000	0.1	Peak	961.996	-50.31	-27	Pass	9700
1000	5650	1	Peak	5437.954	-36.79	-27	Pass	465
5650	5700	1	Peak	5651.232	-37.09	-26.09	Pass	69
5700	5720	1	Peak	5700.522	-37.01	10.15	Pass	69
5720	5725	1	Peak	5720.406	-33.85	16.53	Pass	69
5725	5850	1	Peak	5783.514	11.85	30	Pass	69
5850	5855	1	Peak	5854.899	-29.41	15.83	Pass	69
5855	5875	1	Peak	5872.884	-33.31	10.59	Pass	69
5875	5925	1	Peak	5924.13	-36.81	-26.36	Pass	69
5925	25000	1	Peak	16351.547	-33.01	-27	Pass	1907
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10000 12000 14000

Frequency(MHz)

25000

22000

20000

16000 18000



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