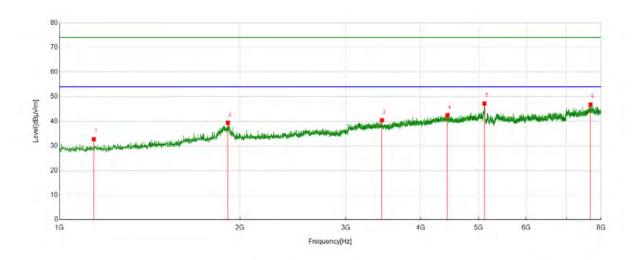


Test Mode	Test Mode Channel		Verdict
11AC40	5190	Horizontal	PASS

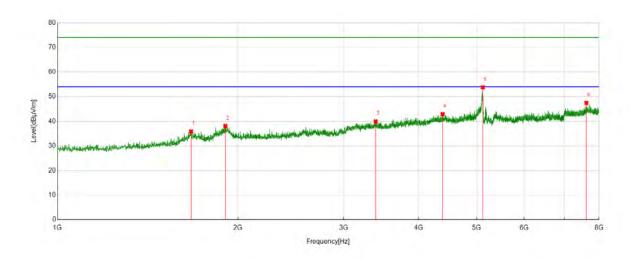


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1140.7934	53.92	-21.16	32.76	74.00	-41.24	Horizontal
2	1908.5454	55.98	-16.56	39.42	74.00	-34.58	Horizontal
3	3449.4944	49.09	-8.65	40.44	74.00	-33.56	Horizontal
4	4437.3819	46.89	-4.42	42.47	74.00	-31.53	Horizontal
5	5112.5681	49.35	-2.11	47.24	74.00	-26.76	Horizontal
6	7683.4093	44.66	2.16	46.82	74.00	-27.18	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC40	5190	Vertical	PASS

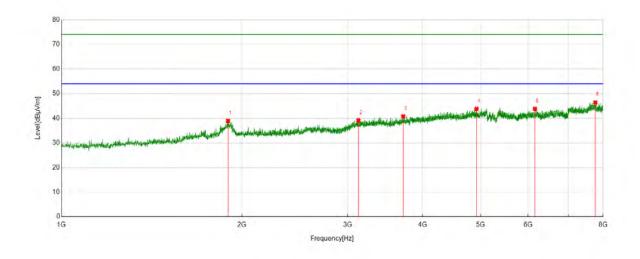


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1669.7411	53.82	-17.94	35.88	74.00	-38.12	Vertical
2	1905.4339	54.70	-16.62	38.08	74.00	-35.92	Vertical
3	3392.7103	48.79	-8.84	39.95	74.00	-34.05	Vertical
4	4387.5986	47.47	-4.59	42.88	74.00	-31.12	Vertical
5	5119.5688	55.95	-2.15	53.80	74.00	-20.20	Vertical
6	7620.4023	44.68	2.78	47.46	74.00	-26.54	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC40	5230	Horizontal	PASS

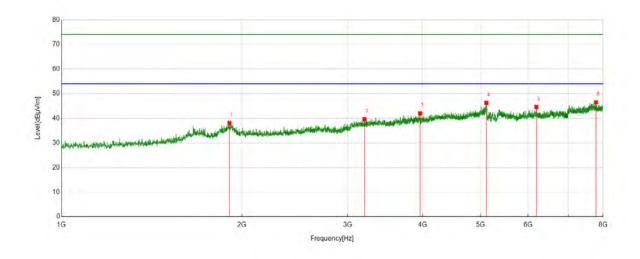


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1895.3217	55.65	-16.75	38.90	74.00	-35.10	Horizontal
2	3126.6807	48.90	-9.80	39.10	74.00	-34.90	Horizontal
3	3713.9682	47.69	-6.91	40.78	74.00	-33.22	Horizontal
4	4921.2135	47.12	-3.32	43.80	74.00	-30.20	Horizontal
5	6158.7954	44.81	-1.00	43.81	74.00	-30.19	Horizontal
6	7767.4186	43.66	2.78	46.44	74.00	-27.56	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC40	5230	Vertical	PASS

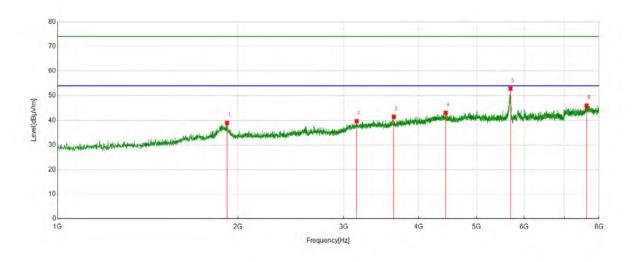


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1905.4339	54.68	-16.62	38.06	74.00	-35.94	Vertical
2	3200.5778	49.58	-9.90	39.68	74.00	-34.32	Vertical
3	3962.8848	47.62	-5.64	41.98	74.00	-32.02	Vertical
4	5111.7902	48.40	-2.10	46.30	74.00	-27.70	Vertical
5	6193.7993	45.51	-0.88	44.63	74.00	-29.37	Vertical
6	7785.3095	44.04	2.48	46.52	74.00	-27.48	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict
11AC40	5755	Horizontal	PASS

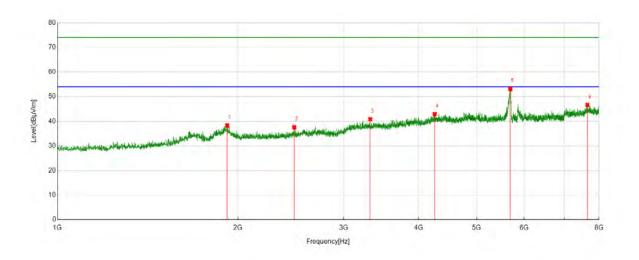


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1917.1019	55.51	-16.57	38.94	74.00	-35.06	Horizontal
2	3154.6839	48.52	-8.86	39.66	74.00	-34.34	Horizontal
3	3637.7375	49.72	-8.28	41.44	74.00	-32.56	Horizontal
4	4438.9377	47.31	-4.24	43.07	74.00	-30.93	Horizontal
5	5694.4105	54.23	-1.33	52.90	74.00	-21.10	Horizontal
6	7626.6252	43.36	2.57	45.93	74.00	-28.07	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC40	5755	Vertical	PASS

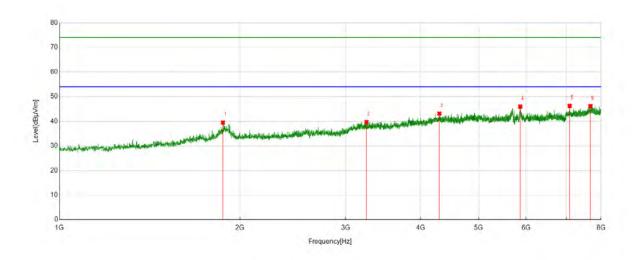


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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark		
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]			
1	1918.6576	54.89	-16.58	38.31	74.00	-35.69	Vertical		
2	2481.8313	51.48	-13.87	37.61	74.00	-36.39	Vertical		
3	3322.7025	49.93	-9.08	40.85	74.00	-33.15	Vertical		
4	4255.3617	47.76	-4.84	42.92	74.00	-31.08	Vertical		
5	5690.5212	54.47	-1.34	53.13	74.00	-20.87	Vertical		
6	7650.7390	44.69	1.96	46.65	74.00	-27.35	Vertical		

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC40	5795	Horizontal	PASS

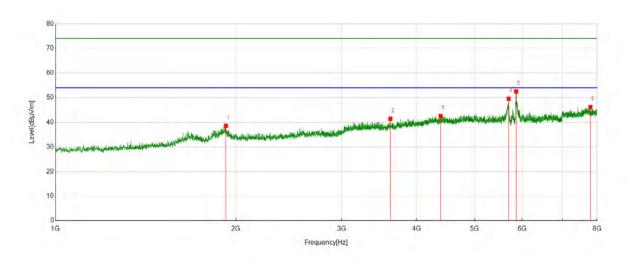


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1872.7636	56.46	-17.00	39.46	74.00	-34.54	Horizontal
2	3250.3612	49.27	-9.53	39.74	74.00	-34.26	Horizontal
3	4300.4778	47.29	-4.15	43.14	74.00	-30.86	Horizontal
4	5866.3185	45.87	0.08	45.95	74.00	-28.05	Horizontal
5	7092.2325	45.03	1.22	46.25	74.00	-27.75	Horizontal
6	7681.0757	43.91	2.23	46.14	74.00	-27.86	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC40	5795	Vertical	PASS

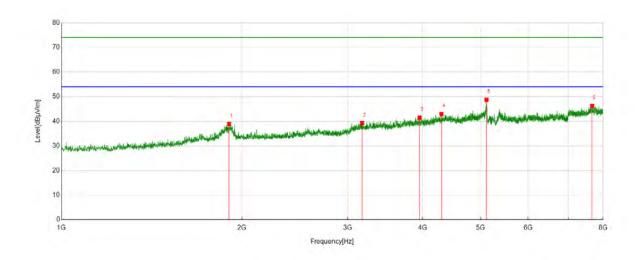


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1924.1027	55.19	-16.63	38.56	74.00	-35.44	Vertical
2	3617.5131	49.77	-8.33	41.44	74.00	-32.56	Vertical
3	4387.5986	46.96	-4.45	42.51	74.00	-31.49	Vertical
4	5696.7441	50.87	-1.32	49.55	74.00	-24.45	Vertical
5	5863.9849	52.48	0.05	52.53	74.00	-21.47	Vertical
6	7798.5332	43.85	2.35	46.20	74.00	-27.80	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode Channel		Polarization	Verdict
11AC80	5210	Horizontal	PASS

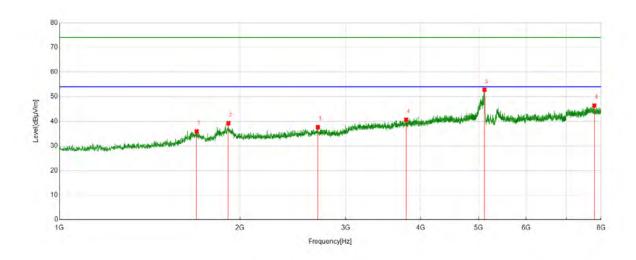


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1903.1003	55.56	-16.66	38.90	74.00	-35.10	Horizontal
2	3171.0190	48.43	-9.16	39.27	74.00	-34.73	Horizontal
3	3955.884	47.40	-5.91	41.49	74.00	-32.51	Horizontal
4	4301.2557	47.67	-4.68	42.99	74.00	-31.01	Horizontal
5	5114.1238	50.86	-2.11	48.75	74.00	-25.25	Horizontal
6	7671.7413	44.05	2.20	46.25	74.00	-27.75	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode Channel		Polarization	Verdict
11AC80	5210	Vertical	PASS

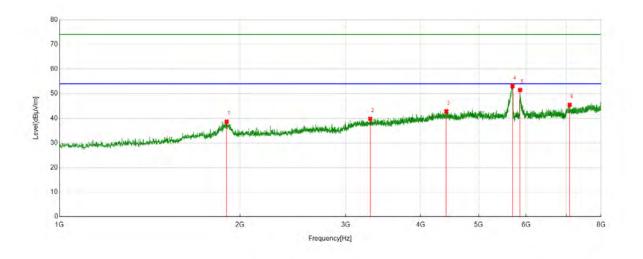


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1693.0770	53.77	-17.80	35.97	74.00	-38.03	Vertical
2	1912.4347	55.75	-16.57	39.18	74.00	-34.82	Vertical
3	2697.2997	49.92	-12.29	37.63	74.00	-36.37	Vertical
4	3784.7539	48.02	-7.35	40.67	74.00	-33.33	Vertical
5	5113.3459	54.92	-2.11	52.81	74.00	-21.19	Vertical
6	7796.1996	44.20	2.25	46.45	74.00	-27.55	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict
11AC80	5775	Horizontal	PASS

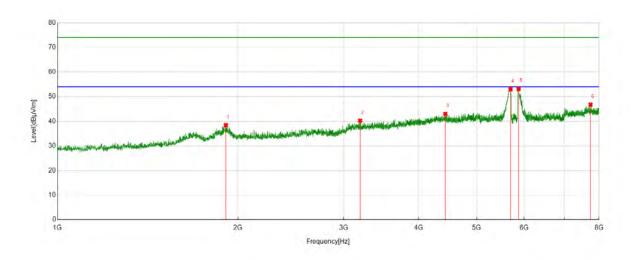


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1899.9889	55.28	-16.68	38.60	74.00	-35.40	Horizontal
2	3297.8109	48.77	-8.97	39.80	74.00	-34.20	Horizontal
3	4416.3796	47.08	-4.23	42.85	74.00	-31.15	Horizontal
4	5693.6326	54.43	-1.33	53.10	74.00	-20.90	Horizontal
5	5862.4292	51.44	0.03	51.47	74.00	-22.53	Horizontal
6	7092.2325	44.21	1.22	45.43	74.00	-28.57	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode Channel		Polarization	Verdict
11AC80	5775	Vertical	PASS



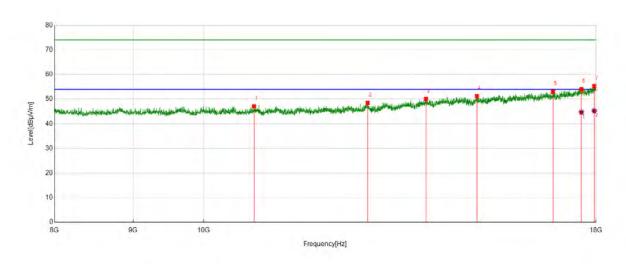
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1908.5454	54.92	-16.50	38.42	74.00	-35.58	Vertical
2	3195.9107	49.94	-9.70	40.24	74.00	-33.76	Vertical
3	4434.2705	47.38	-4.36	43.02	74.00	-30.98	Vertical
4	5694.4105	54.39	-1.33	53.06	74.00	-20.94	Vertical
5	5874.8750	53.41	-0.27	53.14	74.00	-20.86	Vertical
6	7742.5269	44.06	2.71	46.77	74.00	-27.23	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



## PART 2: 8GHz to 18GHz

Test Mode	Channel	Polarization	Verdict
11A	5180	Horizontal	PASS



#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10785.4642	42.37	4.77	47.14	74.00	-26.86	Horizontal
2	12785.7976	40.88	7.64	48.52	74.00	-25.48	Horizontal
3	13952.6588	39.00	11.08	50.08	74.00	-23.92	Horizontal
4	15057.8430	38.99	12.26	51.25	74.00	-22.75	Horizontal
5	16876.4794	37.60	15.48	53.08	74.00	-20.92	Horizontal
6	17609.9350	36.50	17.56	54.06	74.00	-19.94	Horizontal
7	17953.3256	36.94	18.35	55.29	74.00	-18.71	Horizontal

# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17609.9350	27.14	17.56	44.70	54.00	-9.30	Horizontal
2	17953.3256	26.90	18.35	45.25	54.00	-8.75	Horizontal

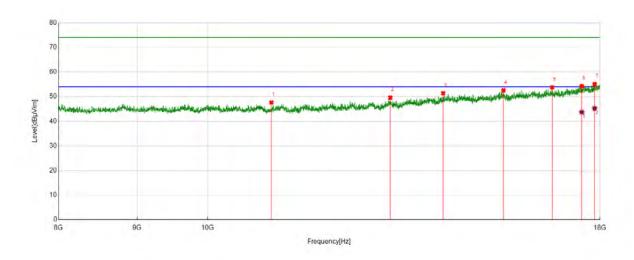
Remark: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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Test Mode	Channel	Polarization	Verdict	
11A	5180	Vertical	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11003.8340	42.74	4.88	47.62	74.00	-26.38	Vertical
2	13147.5246	41.22	8.38	49.60	74.00	-24.40	Vertical
3	14231.0385	39.84	11.54	51.38	74.00	-22.62	Vertical
4	15576.2627	39.63	12.95	52.58	74.00	-21.42	Vertical
5	16753.1255	38.78	15.02	53.80	74.00	-20.20	Vertical
6	17513.2522	37.06	17.19	54.25	74.00	-19.75	Vertical
7	17854.9758	36.29	18.76	55.05	74.00	-18.95	Vertical

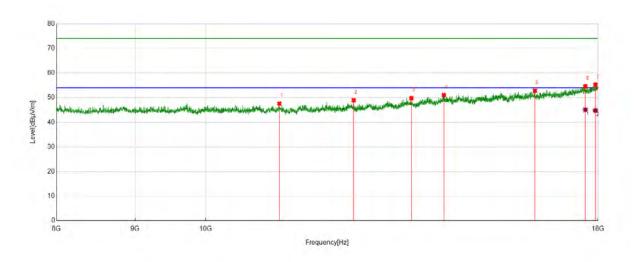
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17513.2522	26.53	17.19	43.72	54.00	-10.28	Vertical
2	17854.9758	26.46	18.76	45.22	54.00	-8.78	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict
11A	5200	Horizontal	PASS



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11168.8615	42.23	5.36	47.59	74.00	-26.41	Horizontal
2	12484.0807	42.05	6.90	48.95	74.00	-25.05	Horizontal
3	13610.9352	40.43	9.36	49.79	74.00	-24.21	Horizontal
4	14287.7146	39.58	11.50	51.08	74.00	-22.92	Horizontal
5	16378.0630	38.44	14.38	52.82	74.00	-21.18	Horizontal
6	17661.6103	36.88	17.75	54.63	74.00	-19.37	Horizontal
7	17929.9883	36.64	18.63	55.27	74.00	-18.73	Horizontal

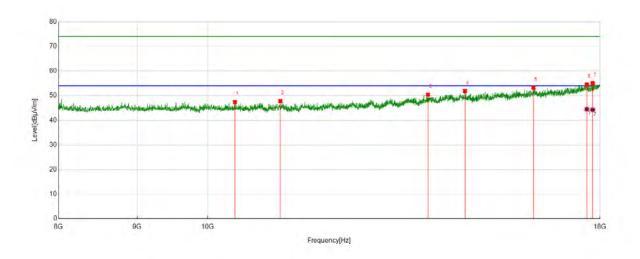
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17661.6103	27.37	17.75	45.12	54.00	-8.88	Horizontal
2	17929.9883	26.16	18.63	44.79	54.00	-9.21	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5200	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10418.7365	42.95	4.45	47.40	74.00	-26.60	Vertical
2	11152.1920	42.69	5.09	47.78	74.00	-26.22	Vertical
3	13910.9852	39.85	10.59	50.44	74.00	-23.56	Vertical
4	14702.7838	40.07	11.86	51.93	74.00	-22.07	Vertical
5	16291.3819	39.33	13.93	53.26	74.00	-20.74	Vertical
6	17646.6078	36.65	17.84	54.49	74.00	-19.51	Vertical
7	17801.6336	37.57	17.45	55.02	74.00	-18.98	Vertical

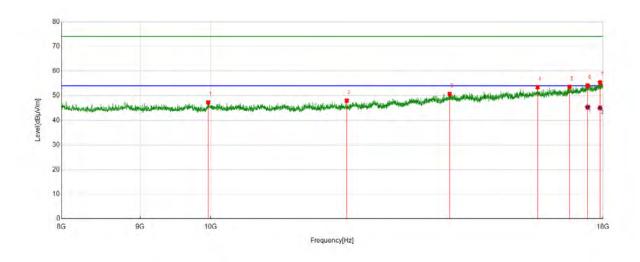
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17646.6078	26.71	17.84	44.55	54.00	-9.45	Vertical
2	17801.6336	26.79	17.45	44.24	54.00	-9.76	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict	
11A	5220	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9965.3276	43.02	4.25	47.27	74.00	-26.73	Horizontal
2	12264.0440	41.33	6.69	48.02	74.00	-25.98	Horizontal
3	14307.7180	39.17	11.54	50.71	74.00	-23.29	Horizontal
4	16319.7200	39.46	13.96	53.42	74.00	-20.58	Horizontal
5	17118.1864	38.04	15.58	53.62	74.00	-20.38	Horizontal
6	17589.9317	36.42	17.70	54.12	74.00	-19.88	Horizontal
7	17919.9867	36.81	18.54	55.35	74.00	-18.65	Horizontal

#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17589.9317	27.60	17.70	45.30	54.00	-8.70	Horizontal
2	17919.9867	26.50	18.54	45.04	54.00	-8.96	Horizontal

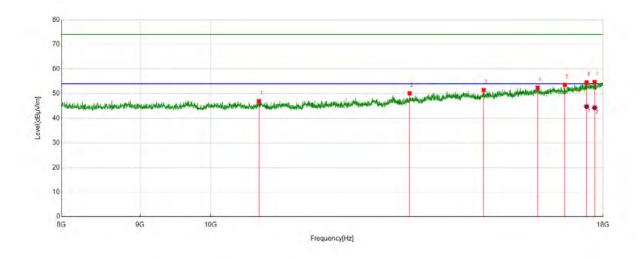
Remark: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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Test Mode	Test Mode Channel		Verdict	
11A	5220	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10752.1254	42.37	4.63	47.00	74.00	-27.00	Vertical
2	13474.2457	41.12	9.02	50.14	74.00	-23.86	Vertical
3	15054.5091	39.27	12.17	51.44	74.00	-22.56	Vertical
4	16319.7200	38.47	13.96	52.43	74.00	-21.57	Vertical
5	16999.8333	38.36	15.25	53.61	74.00	-20.39	Vertical
6	17563.2605	37.28	17.26	54.54	74.00	-19.46	Vertical
7	17774.9625	36.69	18.02	54.71	74.00	-19.29	Vertical

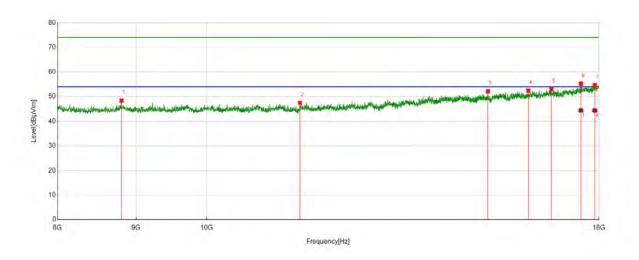
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17563.2605	27.50	17.26	44.76	54.00	-9.24	Vertical
2	17774.9625	26.24	18.02	44.26	54.00	-9.74	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5240	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8803.4672	44.68	3.74	48.42	74.00	-25.58	Horizontal
2	11502.2504	41.26	6.25	47.51	74.00	-26.49	Horizontal
3	15241.2069	39.38	12.82	52.20	74.00	-21.80	Horizontal
4	16193.0322	38.55	13.92	52.47	74.00	-21.53	Horizontal
5	16761.4602	37.97	15.10	53.07	74.00	-20.93	Horizontal
6	17516.5861	38.14	17.16	55.30	74.00	-18.70	Horizontal
7	17884.9808	35.79	18.88	54.67	74.00	-19.33	Horizontal

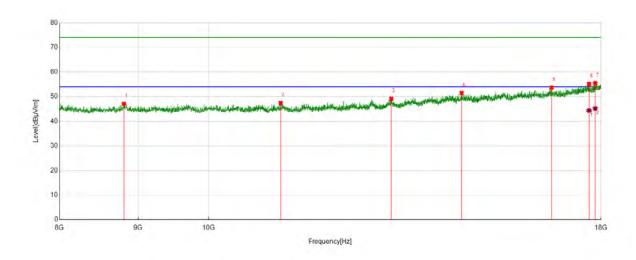
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17516.5861	27.27	17.16	44.43	54.00	-9.57	Horizontal
2	17884.9808	25.49	18.88	44.37	54.00	-9.63	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5240	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8810.1350	43.13	3.97	47.10	74.00	-26.90	Vertical
2	11140.5234	42.43	5.03	47.46	74.00	-26.54	Vertical
3	13147.5246	40.74	8.38	49.12	74.00	-24.88	Vertical
4	14607.7680	39.81	11.69	51.50	74.00	-22.50	Vertical
5	16716.4527	38.64	15.07	53.71	74.00	-20.29	Vertical
6	17679.9467	37.80	17.34	55.14	74.00	-18.86	Vertical
7	17843.3072	36.98	18.46	55.44	74.00	-18.56	Vertical

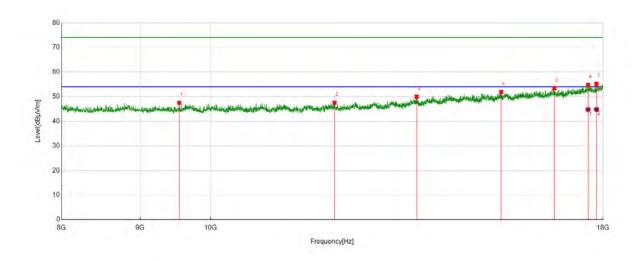
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17679.9467	27.05	17.34	44.39	54.00	-9.61	Vertical
2	17843.3072	26.72	18.46	45.18	54.00	-8.82	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5745	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9540.2567	43.65	3.87	47.52	74.00	-26.48	Horizontal
2	12042.3404	40.57	7.00	47.57	74.00	-26.43	Horizontal
3	13615.9360	40.70	9.28	49.98	74.00	-24.02	Horizontal
4	15452.9088	38.72	13.19	51.91	74.00	-22.09	Horizontal
5	16734.7891	38.33	15.11	53.44	74.00	-20.56	Horizontal
6	17601.6003	37.18	17.58	54.76	74.00	-19.24	Horizontal
7	17823.3039	37.31	17.89	55.20	74.00	-18.80	Horizontal

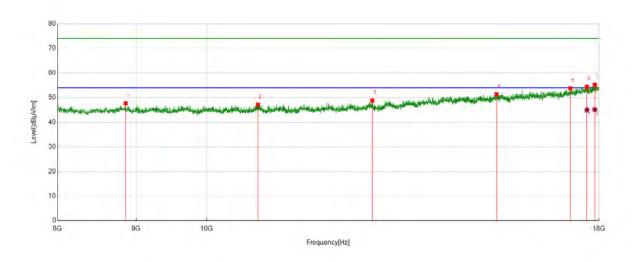
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17601.6003	27.18	17.58	44.76	54.00	-9.24	Horizontal
2	17823.3039	26.91	17.89	44.80	54.00	-9.20	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5745	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8860.1434	44.11	3.58	47.69	74.00	-26.31	Vertical
2	10800.4667	42.26	4.89	47.15	74.00	-26.85	Vertical
3	12817.4696	41.38	7.46	48.84	74.00	-25.16	Vertical
4	15439.5733	38.56	12.81	51.37	74.00	-22.63	Vertical
5	17243.2072	37.79	16.01	53.80	74.00	-20.20	Vertical
6	17676.6128	36.98	17.41	54.39	74.00	-19.61	Vertical
7	17884.9808	36.32	18.88	55.20	74.00	-18.80	Vertical

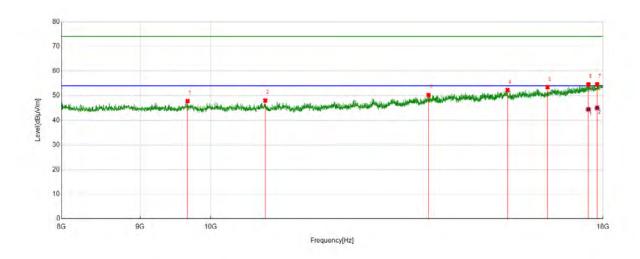
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17676.6128	27.65	17.41	45.06	54.00	-8.94	Vertical
2	17884.9808	26.26	18.88	45.14	54.00	-8.86	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5765	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9661.9437	43.97	3.82	47.79	74.00	-26.21	Horizontal
2	10855.4759	43.25	4.83	48.08	74.00	-25.92	Horizontal
3	13860.9768	39.95	10.32	50.27	74.00	-23.73	Horizontal
4	15601.2669	39.47	12.78	52.25	74.00	-21.75	Horizontal
5	16564.7608	39.25	14.21	53.46	74.00	-20.54	Horizontal
6	17609.9350	37.00	17.56	54.56	74.00	-19.44	Horizontal
7	17841.6403	36.19	18.41	54.60	74.00	-19.40	Horizontal

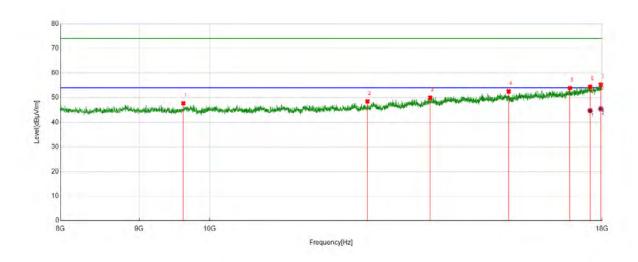
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17609.9350	26.87	17.56	44.43	54.00	-9.57	Horizontal
2	17841.6403	26.65	18.41	45.06	54.00	-8.94	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5765	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9615.2692	44.06	3.64	47.70	74.00	-26.30	Vertical
2	12667.4446	41.37	7.12	48.49	74.00	-25.51	Vertical
3	13915.9860	39.33	10.63	49.96	74.00	-24.04	Vertical
4	15651.2752	38.98	13.57	52.55	74.00	-21.45	Vertical
5	17154.8591	38.20	15.70	53.90	74.00	-20.10	Vertical
6	17681.6136	37.04	17.35	54.39	74.00	-19.61	Vertical
7	17968.3281	36.65	18.64	55.29	74.00	-18.71	Vertical

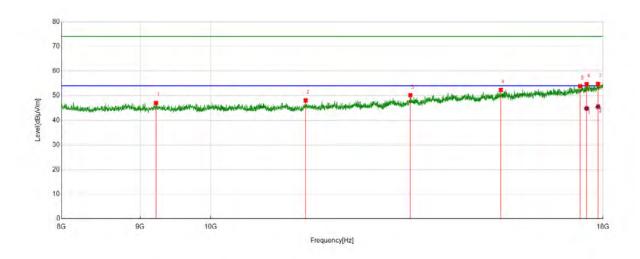
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17681.6136	27.36	17.35	44.71	54.00	-9.29	Vertical
2	17968.3281	26.83	18.64	45.47	54.00	-8.53	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5785	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9215.2025	43.42	3.64	47.06	74.00	-26.94	Horizontal
2	11530.5884	41.97	6.14	48.11	74.00	-25.89	Horizontal
3	13487.5813	41.14	9.10	50.24	74.00	-23.76	Horizontal
4	15444.5741	39.34	12.99	52.33	74.00	-21.67	Horizontal
5	17391.5653	37.41	16.49	53.90	74.00	-20.10	Horizontal
6	17563.2605	37.41	17.26	54.67	74.00	-19.33	Horizontal
7	17864.9775	35.99	18.77	54.76	74.00	-19.24	Horizontal

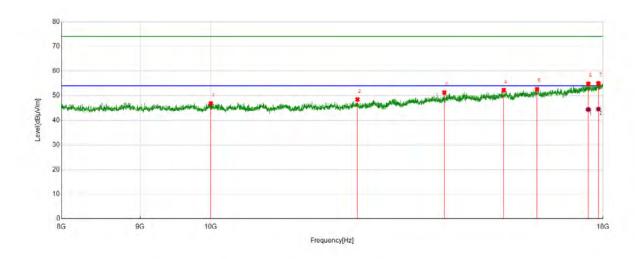
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17563.2605	27.55	17.26	44.81	54.00	-9.19	Horizontal
2	17864.9775	26.75	18.77	45.52	54.00	-8.48	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict
11A	5785	Vertical	PASS



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10003.6673	42.78	4.09	46.87	74.00	-27.13	Vertical
2	12460.7435	41.58	6.90	48.48	74.00	-25.52	Vertical
3	14192.6988	39.89	11.38	51.27	74.00	-22.73	Vertical
4	15512.9188	39.41	12.83	52.24	74.00	-21.76	Vertical
5	16306.3844	38.71	13.92	52.63	74.00	-21.37	Vertical
6	17608.2680	37.25	17.57	54.82	74.00	-19.18	Vertical
7	17876.6461	36.27	18.73	55.00	74.00	-19.00	Vertical

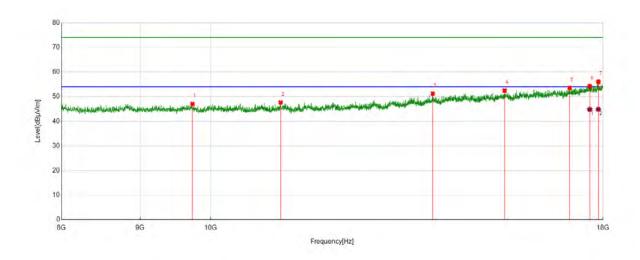
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17608.2680	26.79	17.57	44.36	54.00	-9.64	Vertical
2	17876.6461	25.83	18.73	44.56	54.00	-9.44	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5805	Horizontal	PASS	



1 TC TCOGAIC								
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark	
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]		
1	9733.6223	42.60	4.48	47.08	74.00	-26.92	Horizontal	
2	11107.1845	42.24	5.38	47.62	74.00	-26.38	Horizontal	
3	13947.6579	40.20	11.02	51.22	74.00	-22.78	Horizontal	
4	15532.9222	39.77	12.72	52.49	74.00	-21.51	Horizontal	
5	17123.1872	37.97	15.64	53.61	74.00	-20.39	Horizontal	
6	17644.9408	36.44	17.85	54.29	74.00	-19.71	Horizontal	
7	17873.3122	37.36	18.68	56.04	74.00	-17.96	Horizontal	

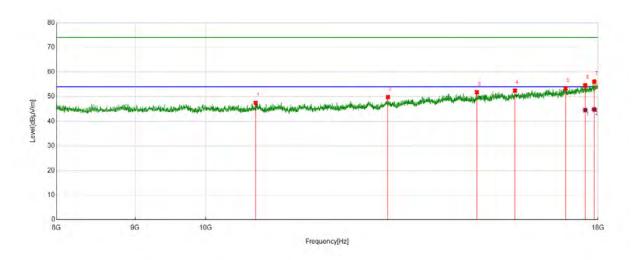
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17644.9408	26.98	17.85	44.83	54.00	-9.17	Horizontal
2	17873.3122	26.21	18.68	44.89	54.00	-9.11	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5805	Vertical	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10778.7965	42.87	4.63	47.50	74.00	-26.50	Vertical
2	13140.8568	41.48	8.32	49.80	74.00	-24.20	Vertical
3	15012.8355	39.98	11.86	51.84	74.00	-22.16	Vertical
4	15894.6491	39.10	13.37	52.47	74.00	-21.53	Vertical
5	17146.5244	37.55	15.77	53.32	74.00	-20.68	Vertical
6	17658.2764	36.80	17.79	54.59	74.00	-19.41	Vertical
7	17899.9833	37.02	19.06	56.08	74.00	-17.92	Vertical

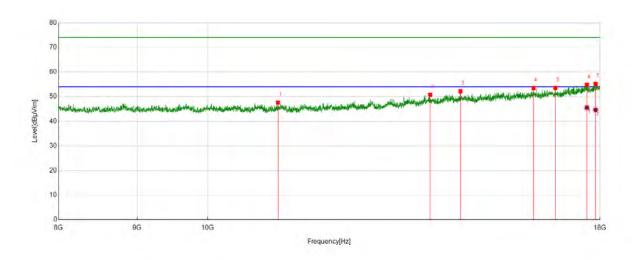
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17658.2764	26.77	17.79	44.56	54.00	-9.44	Vertical
2	17899.9833	25.75	19.06	44.81	54.00	-9.19	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5825	Horizontal	PASS	



	ooait.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11112.1854	42.29	5.32	47.61	74.00	-26.39	Horizontal
2	13957.6596	39.72	11.06	50.78	74.00	-23.22	Horizontal
3	14604.4341	40.53	11.69	52.22	74.00	-21.78	Horizontal
4	16294.7158	39.63	13.86	53.49	74.00	-20.51	Horizontal
5	16834.8058	38.10	15.49	53.59	74.00	-20.41	Horizontal
6	17648.2747	36.98	17.82	54.80	74.00	-19.20	Horizontal
7	17879.9800	36.37	18.78	55.15	74.00	-18.85	Horizontal

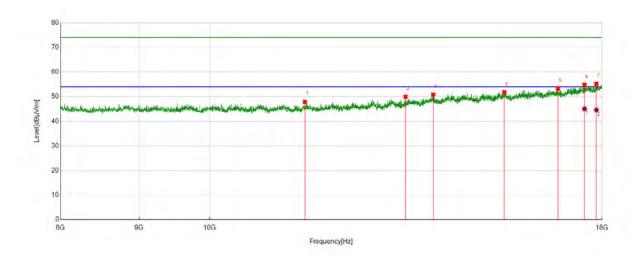
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17648.2747	27.71	17.82	45.53	54.00	-8.47	Horizontal
2	17879.9800	25.87	18.78	44.65	54.00	-9.35	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11A	5825	Vertical	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11535.5893	41.79	6.11	47.90	74.00	-26.10	Vertical
2	13412.5688	41.20	8.75	49.95	74.00	-24.05	Vertical
3	13979.3299	40.01	10.83	50.84	74.00	-23.16	Vertical
4	15549.5916	39.46	12.37	51.83	74.00	-22.17	Vertical
5	16849.8083	38.03	15.28	53.31	74.00	-20.69	Vertical
6	17533.2555	38.13	16.68	54.81	74.00	-19.19	Vertical
7	17848.3081	36.66	18.57	55.23	74.00	-18.77	Vertical

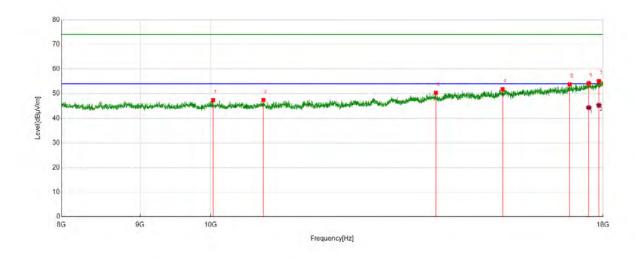
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17533.2555	28.39	16.68	45.07	54.00	-8.93	Vertical
2	17848.3081	26.03	18.57	44.60	54.00	-9.40	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5180	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10038.6731	43.13	4.23	47.36	74.00	-26.64	Horizontal
2	10823.8040	42.70	4.71	47.41	74.00	-26.59	Horizontal
3	14012.6688	39.68	10.69	50.37	74.00	-23.63	Horizontal
4	15486.2477	39.34	12.45	51.79	74.00	-22.21	Horizontal
5	17121.5203	38.17	15.64	53.81	74.00	-20.19	Horizontal
6	17619.9367	36.66	17.56	54.22	74.00	-19.78	Horizontal
7	17888.3147	36.08	18.96	55.04	74.00	-18.96	Horizontal

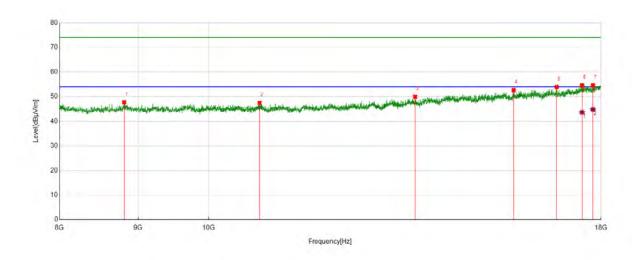
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17619.9367	26.76	17.56	44.32	54.00	-9.68	Horizontal
2	17888.3147	26.33	18.96	45.29	54.00	-8.71	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5180	Vertical	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	8813.4689	43.86	3.85	47.71	74.00	-26.29	Vertical
2	10793.7990	42.57	4.88	47.45	74.00	-26.55	Vertical
3	13625.9377	40.57	9.36	49.93	74.00	-24.07	Vertical
4	15791.2986	39.32	13.32	52.64	74.00	-21.36	Vertical
5	16843.1405	38.56	15.39	53.95	74.00	-20.05	Vertical
6	17494.9158	37.67	16.94	54.61	74.00	-19.39	Vertical
7	17783.2972	36.60	17.97	54.57	74.00	-19.43	Vertical

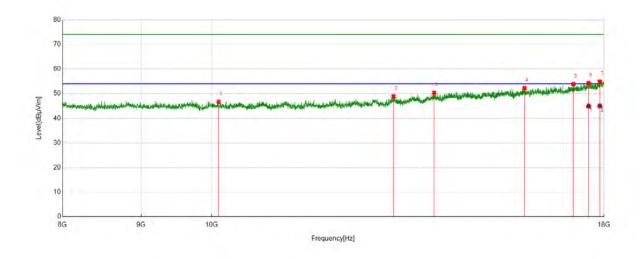
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17494.9158	26.70	16.94	43.64	54.00	-10.36	Vertical
2	17783.2972	26.85	17.97	44.82	54.00	-9.18	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5200	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10107.0178	42.25	4.45	46.70	74.00	-27.30	Horizontal
2	13134.189	40.38	8.52	48.90	74.00	-25.10	Horizontal
3	13957.6596	39.32	11.06	50.38	74.00	-23.62	Horizontal
4	15979.6633	38.22	14.00	52.22	74.00	-21.78	Horizontal
5	17193.1989	37.85	16.08	53.93	74.00	-20.07	Horizontal
6	17589.9317	36.54	17.70	54.24	74.00	-19.76	Horizontal
7	17886.6478	35.93	18.93	54.86	74.00	-19.14	Horizontal

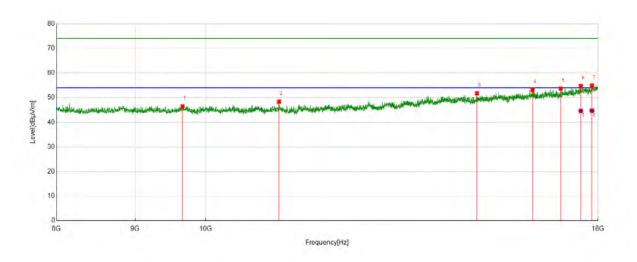
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17589.9317	27.25	17.70	44.95	54.00	-9.05	Horizontal
2	17886.6478	26.11	18.93	45.04	54.00	-8.96	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5200	Vertical	PASS	



	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9661.9437	42.71	3.82	46.53	74.00	-27.47	Vertical
2	11163.8606	43.06	5.34	48.40	74.00	-25.60	Vertical
3	15016.1694	39.95	11.83	51.78	74.00	-22.22	Vertical
4	16319.7200	39.17	13.96	53.13	74.00	-20.87	Vertical
5	17021.5036	38.31	15.42	53.73	74.00	-20.27	Vertical
6	17541.5903	37.97	16.74	54.71	74.00	-19.29	Vertical
7	17836.6394	36.61	18.25	54.86	74.00	-19.14	Vertical

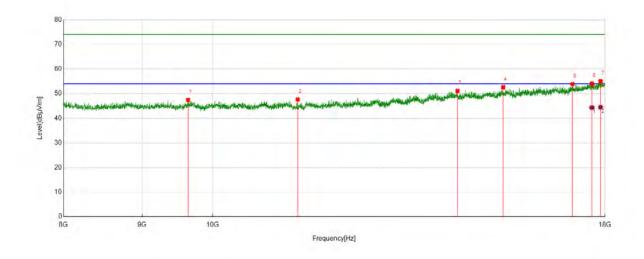
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17541.5903	27.89	16.74	44.63	54.00	-9.37	Vertical
2	17836.6394	26.46	18.25	44.71	54.00	-9.29	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5220	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9640.2734	43.72	3.75	47.47	74.00	-26.53	Horizontal
2	11360.5601	41.93	5.71	47.64	74.00	-26.36	Horizontal
3	14432.7388	39.57	11.54	51.11	74.00	-22.89	Horizontal
4	15452.9088	39.42	13.19	52.61	74.00	-21.39	Horizontal
5	17143.1905	38.15	15.75	53.90	74.00	-20.10	Horizontal
6	17649.9417	36.27	17.80	54.07	74.00	-19.93	Horizontal
7	17879.9800	36.23	18.78	55.01	74.00	-18.99	Horizontal

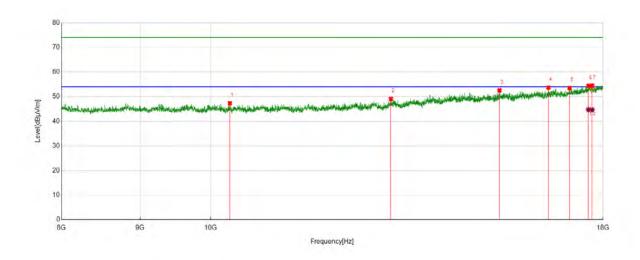
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17649.9417	26.51	17.80	44.31	54.00	-9.69	Horizontal
2	17879.9800	25.72	18.78	44.50	54.00	-9.50	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5220	Vertical	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10293.7156	42.74	4.60	47.34	74.00	-26.66	Vertical
2	13100.8501	40.95	8.14	49.09	74.00	-24.91	Vertical
3	15414.5691	39.94	12.62	52.56	74.00	-21.44	Vertical
4	16586.4311	39.33	14.37	53.70	74.00	-20.30	Vertical
5	17118.1864	37.93	15.58	53.51	74.00	-20.49	Vertical
6	17611.6019	36.82	17.56	54.38	74.00	-19.62	Vertical
7	17708.2847	36.70	17.74	54.44	74.00	-19.56	Vertical

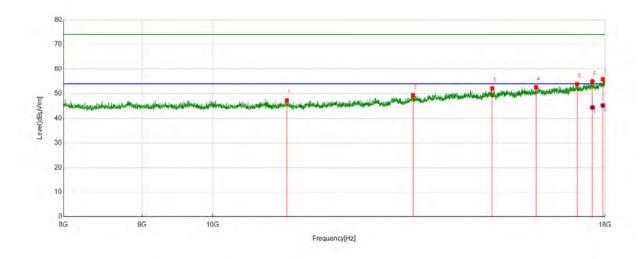
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17611.6019	27.16	17.56	44.72	54.00	-9.28	Vertical
2	17708.2847	26.93	17.74	44.67	54.00	-9.33	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5240	Horizontal	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11177.1962	41.84	5.44	47.28	74.00	-26.72	Horizontal
2	13502.5838	40.31	9.02	49.33	74.00	-24.67	Horizontal
3	15202.8671	40.15	12.01	52.16	74.00	-21.84	Horizontal
4	16229.7050	38.76	13.89	52.65	74.00	-21.35	Horizontal
5	17261.5436	37.73	16.20	53.93	74.00	-20.07	Horizontal
6	17663.2772	37.28	17.70	54.98	74.00	-19.02	Horizontal
7	17941.6569	37.24	18.57	55.81	74.00	-18.19	Horizontal

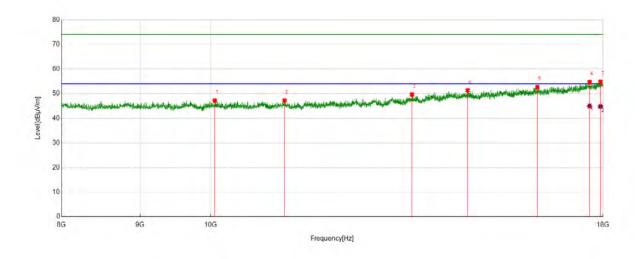
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17663.2772	26.71	17.70	44.41	54.00	-9.59	Horizontal
2	17941.6569	26.59	18.57	45.16	54.00	-8.84	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5240	Vertical	PASS	



	1 TO TOO GIVE								
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark		
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]			
1	10063.6773	42.73	4.49	47.22	74.00	-26.78	Vertical		
2	11172.1954	41.83	5.39	47.22	74.00	-26.78	Vertical		
3	13520.9202	40.48	9.18	49.66	74.00	-24.34	Vertical		
4	14696.1160	39.74	11.64	51.38	74.00	-22.62	Vertical		
5	16313.0522	38.65	14.00	52.65	74.00	-21.35	Vertical		
6	17641.6069	36.83	17.88	54.71	74.00	-19.29	Vertical		
7	17931.6553	36.20	18.63	54.83	74.00	-19.17	Vertical		

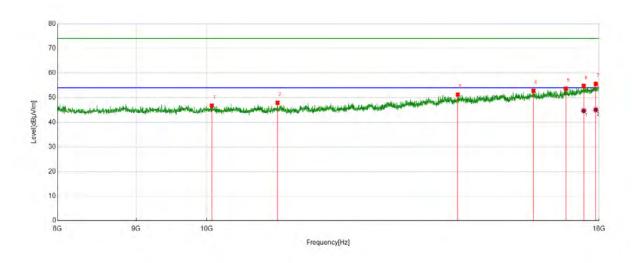
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17641.6069	27.11	17.88	44.99	54.00	-9.01	Vertical
2	17931.6553	26.18	18.63	44.81	54.00	-9.19	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5745	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10078.6798	42.28	4.52	46.80	74.00	-27.20	Horizontal
2	11122.187	42.94	5.02	47.96	74.00	-26.04	Horizontal
3	14567.7613	39.34	11.91	51.25	74.00	-22.75	Horizontal
4	16316.3861	38.81	13.98	52.79	74.00	-21.21	Horizontal
5	17124.8541	38.12	15.62	53.74	74.00	-20.26	Horizontal
6	17591.5986	37.12	17.68	54.80	74.00	-19.20	Horizontal
7	17913.3189	36.88	18.71	55.59	74.00	-18.41	Horizontal

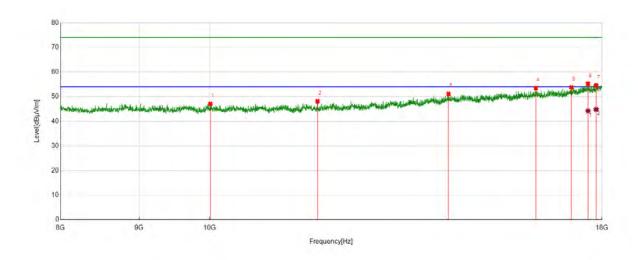
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17591.5986	27.01	17.68	44.69	54.00	-9.31	Horizontal
2	17913.3189	26.38	18.71	45.09	54.00	-8.91	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5745	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10012.0020	42.95	4.15	47.10	74.00	-26.90	Vertical
2	11755.6259	42.28	5.89	48.17	74.00	-25.83	Vertical
3	14302.7171	39.72	11.41	51.13	74.00	-22.87	Vertical
4	16301.3836	39.68	13.79	53.47	74.00	-20.53	Vertical
5	17193.1989	37.73	16.08	53.81	74.00	-20.19	Vertical
6	17624.9375	37.89	17.35	55.24	74.00	-18.76	Vertical
7	17839.9733	36.19	18.38	54.57	74.00	-19.43	Vertical

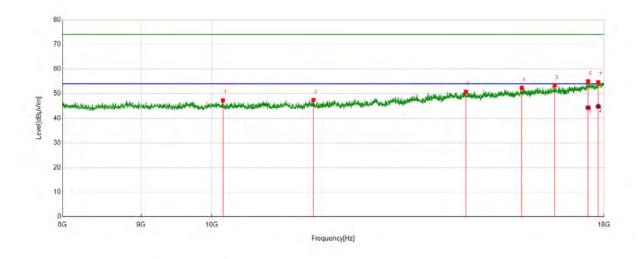
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17624.9375	26.86	17.35	44.21	54.00	-9.79	Vertical
2	17839.9733	26.44	18.38	44.82	54.00	-9.18	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5765	Horizontal	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10172.0287	43.15	4.15	47.30	74.00	-26.70	Horizontal
2	11648.9415	41.28	6.18	47.46	74.00	-26.54	Horizontal
3	14636.1060	39.19	11.63	50.82	74.00	-23.18	Horizontal
4	15914.6524	39.02	13.35	52.37	74.00	-21.63	Horizontal
5	16718.1197	38.33	15.06	53.39	74.00	-20.61	Horizontal
6	17574.9292	37.65	17.31	54.96	74.00	-19.04	Horizontal
7	17844.9742	36.09	18.49	54.58	74.00	-19.42	Horizontal

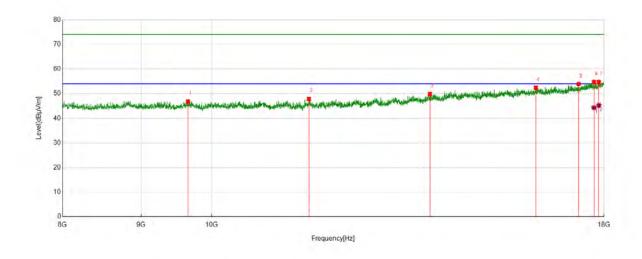
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17574.9292	26.98	17.31	44.29	54.00	-9.71	Horizontal
2	17844.9742	26.37	18.49	44.86	54.00	-9.14	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5765	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9653.6089	42.97	3.88	46.85	74.00	-27.15	Vertical
2	11568.9282	42.33	5.56	47.89	74.00	-26.11	Vertical
3	13869.3116	39.62	10.23	49.85	74.00	-24.15	Vertical
4	16251.3752	38.24	14.19	52.43	74.00	-21.57	Vertical
5	17328.2214	37.90	16.04	53.94	74.00	-20.06	Vertical
6	17731.6219	37.22	17.56	54.78	74.00	-19.22	Vertical
7	17859.9767	35.83	18.92	54.75	74.00	-19.25	Vertical

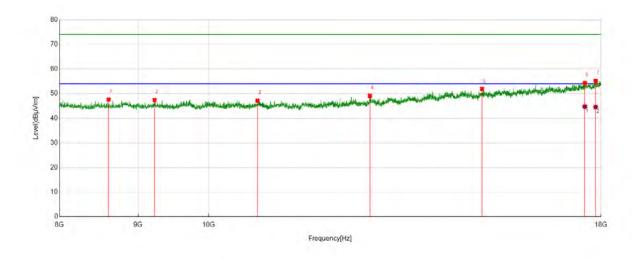
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17731.6219	26.72	17.56	44.28	54.00	-9.72	Vertical
2	17859.9767	26.30	18.92	45.22	54.00	-8.78	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5785	Horizontal	PASS	



1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9638.6064	43.76	3.74	47.50	74.00	-26.50	Horizontal
2	10860.4767	43.08	4.82	47.90	74.00	-26.10	Horizontal
3	14234.3724	38.64	11.49	50.13	74.00	-23.87	Horizontal
4	16311.3852	38.93	14.01	52.94	74.00	-21.06	Horizontal
5	17044.8408	38.15	15.61	53.76	74.00	-20.24	Horizontal
6	17659.9433	37.22	17.79	55.01	74.00	-18.99	Horizontal
7	17914.9858	36.09	18.66	54.75	74.00	-19.25	Horizontal

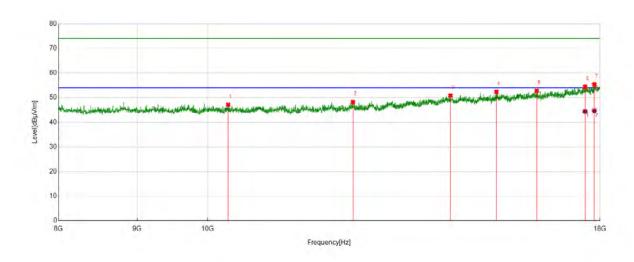
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17659.9433	26.92	17.79	44.71	54.00	-9.29	Horizontal
2	17914.9858	26.49	18.66	45.15	54.00	-8.85	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5785	Vertical	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10313.7190	42.73	4.42	47.15	74.00	-26.85	Vertical
2	12432.4054	41.20	7.05	48.25	74.00	-25.75	Vertical
3	14387.7313	39.18	11.68	50.86	74.00	-23.14	Vertical
4	15412.9022	39.80	12.59	52.39	74.00	-21.61	Vertical
5	16371.3952	38.73	14.03	52.76	74.00	-21.24	Vertical
6	17601.6003	36.86	17.58	54.44	74.00	-19.56	Vertical
7	17846.6411	36.82	18.54	55.36	74.00	-18.64	Vertical

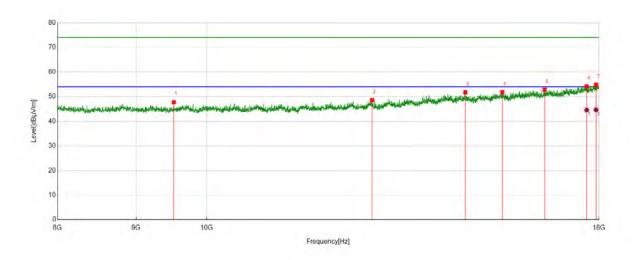
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17601.6003	26.81	17.58	44.39	54.00	-9.61	Vertical
2	17846.6411	26.14	18.54	44.68	54.00	-9.32	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5805	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9521.9203	43.86	3.86	47.72	74.00	-26.28	Horizontal
2	12812.4687	41.28	7.34	48.62	74.00	-25.38	Horizontal
3	14732.7888	40.09	11.69	51.78	74.00	-22.22	Horizontal
4	15572.9288	38.95	12.90	51.85	74.00	-22.15	Horizontal
5	16591.4319	38.48	14.38	52.86	74.00	-21.14	Horizontal
6	17669.9450	36.62	17.53	54.15	74.00	-19.85	Horizontal
7	17919.9867	36.28	18.54	54.82	74.00	-19.18	Horizontal

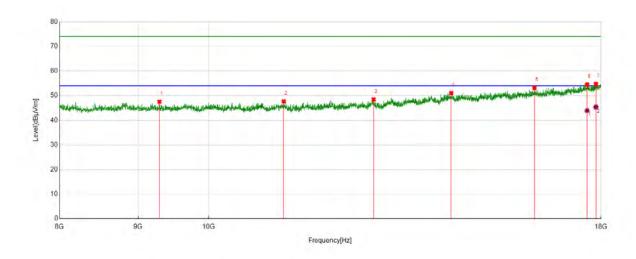
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17669.9450	27.05	17.53	44.58	54.00	-9.42	Horizontal
2	17919.9867	26.15	18.54	44.69	54.00	-9.31	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5805	Vertical	PASS	



	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9290.2150	44.48	3.04	47.52	74.00	-26.48	Vertical
2	11192.1987	42.33	5.34	47.67	74.00	-26.33	Vertical
3	12804.1340	41.15	7.30	48.45	74.00	-25.55	Vertical
4	14382.7305	39.53	11.52	51.05	74.00	-22.95	Vertical
5	16291.3819	39.20	13.93	53.13	74.00	-20.87	Vertical
6	17628.2714	37.26	17.22	54.48	74.00	-19.52	Vertical
7	17861.6436	35.86	18.87	54.73	74.00	-19.27	Vertical

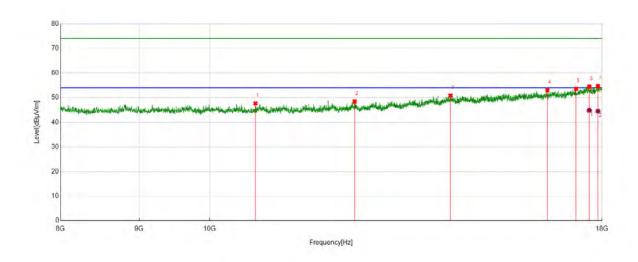
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17628.2714	26.73	17.22	43.95	54.00	-10.05	Vertical
2	17861.6436	26.53	18.87	45.40	54.00	-8.60	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5825	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10712.1187	43.23	4.42	47.65	74.00	-26.35	Horizontal
2	12425.7376	41.58	6.86	48.44	74.00	-25.56	Horizontal
3	14346.0577	39.59	11.29	50.88	74.00	-23.12	Horizontal
4	16586.4311	38.65	14.37	53.02	74.00	-20.98	Horizontal
5	17313.2189	37.62	15.99	53.61	74.00	-20.39	Horizontal
6	17659.9433	36.67	17.79	54.46	74.00	-19.54	Horizontal
7	17889.9817	35.68	19.00	54.68	74.00	-19.32	Horizontal

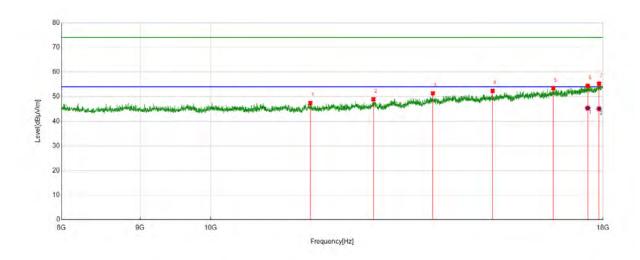
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17659.9433	27.11	17.79	44.90	54.00	-9.10	Horizontal
2	17889.9817	25.54	19.00	44.54	54.00	-9.46	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC20	5825	Vertical	PASS	



	1 TO TOO GIL.								
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark		
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]			
1	11612.2687	41.62	5.83	47.45	74.00	-26.55	Vertical		
2	12762.4604	41.48	7.47	48.95	74.00	-25.05	Vertical		
3	13950.9918	40.27	11.08	51.35	74.00	-22.65	Vertical		
4	15256.2094	39.25	13.10	52.35	74.00	-21.65	Vertical		
5	16708.1180	38.37	15.08	53.45	74.00	-20.55	Vertical		
6	17591.5986	36.71	17.68	54.39	74.00	-19.61	Vertical		
7	17893.3156	36.25	19.02	55.27	74.00	-18.73	Vertical		

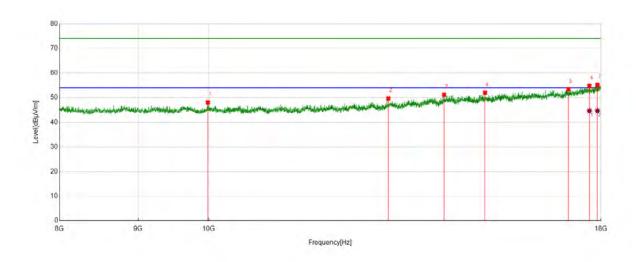
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17591.5986	27.66	17.68	45.34	54.00	-8.66	Vertical
2	17893.3156	26.07	19.02	45.09	54.00	-8.91	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC40	5190	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9990.3317	44.04	4.05	48.09	74.00	-25.91	Horizontal
2	13090.8485	41.51	8.15	49.66	74.00	-24.34	Horizontal
3	14229.3716	39.65	11.55	51.20	74.00	-22.80	Horizontal
4	15129.5216	39.78	12.26	52.04	74.00	-21.96	Horizontal
5	17143.1905	37.69	15.75	53.44	74.00	-20.56	Horizontal
6	17688.2814	37.41	17.40	54.81	74.00	-19.19	Horizontal
7	17903.3172	36.20	18.97	55.17	74.00	-18.83	Horizontal

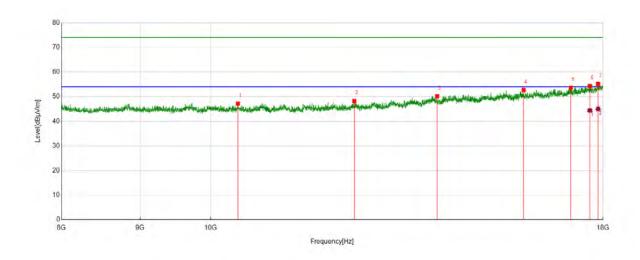
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17688.2814	27.27	17.40	44.67	54.00	-9.33	Horizontal
2	17903.3172	25.71	18.97	44.68	54.00	-9.32	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC40	5190	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark	
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]		
1	10418.7365	42.74	4.45	47.19	74.00	-26.81	Vertical	
2	12402.4004	41.40	6.84	48.24	74.00	-25.76	Vertical	
3	14041.0068	39.25	10.95	50.20	74.00	-23.80	Vertical	
4	15982.9972	38.79	13.91	52.70	74.00	-21.30	Vertical	
5	17153.1922	37.90	15.74	53.64	74.00	-20.36	Vertical	
6	17648.2747	36.49	17.82	54.31	74.00	-19.69	Vertical	
7	17866.6444	36.46	18.73	55.19	74.00	-18.81	Vertical	

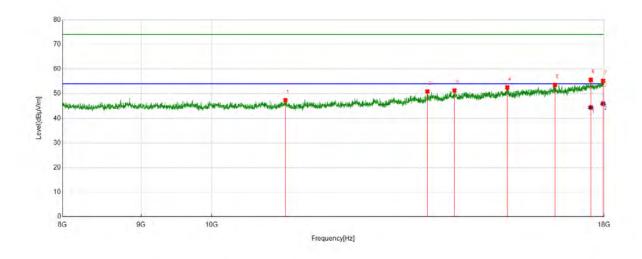
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17648.2747	26.59	17.82	44.41	54.00	-9.59	Vertical
2	17866.6444	26.32	18.73	45.05	54.00	-8.95	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC40	5230	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11170.5284	41.99	5.38	47.37	74.00	-26.63	Horizontal
2	13815.9693	40.54	10.37	50.91	74.00	-23.09	Horizontal
3	14386.0643	39.68	11.63	51.31	74.00	-22.69	Horizontal
4	15572.9288	39.65	12.90	52.55	74.00	-21.45	Horizontal
5	16724.7875	38.53	15.06	53.59	74.00	-20.41	Horizontal
6	17644.9408	37.77	17.85	55.62	74.00	-18.38	Horizontal
7	17973.3289	36.55	18.67	55.22	74.00	-18.78	Horizontal

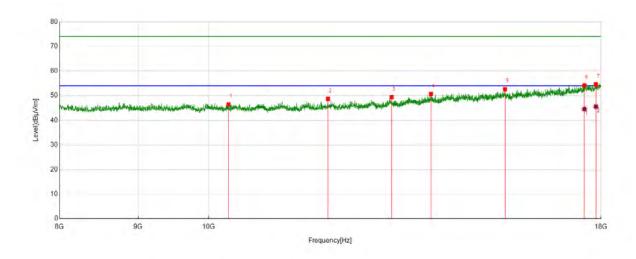
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17644.9408	26.53	17.85	44.38	54.00	-9.62	Horizontal
2	17973.3289	27.25	18.67	45.92	54.00	-8.08	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict
11AC40	5230	Vertical	PASS



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10303.7173	42.03	4.50	46.53	74.00	-27.47	Vertical
2	11958.9932	42.49	6.23	48.72	74.00	-25.28	Vertical
3	13154.1924	40.98	8.40	49.38	74.00	-24.62	Vertical
4	13952.6588	39.61	11.08	50.69	74.00	-23.31	Vertical
5	15589.5983	39.60	13.03	52.63	74.00	-21.37	Vertical
6	17558.2597	37.05	17.13	54.18	74.00	-19.82	Vertical
7	17861.6436	35.73	18.87	54.60	74.00	-19.40	Vertical

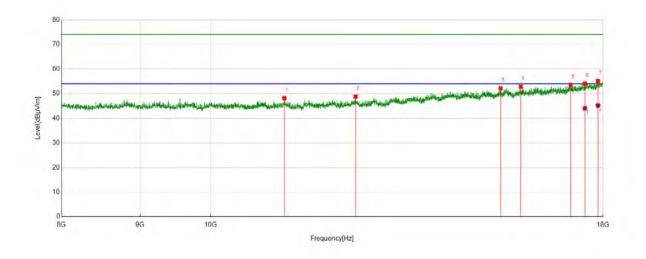
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17558.2597	27.43	17.13	44.56	54.00	-9.44	Vertical
2	17861.6436	26.68	18.87	45.55	54.00	-8.45	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC40	5755	Horizontal	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11168.8615	42.85	5.36	48.21	74.00	-25.79	Horizontal
2	12425.7376	41.93	6.86	48.79	74.00	-25.21	Horizontal
3	15439.5733	39.37	12.81	52.18	74.00	-21.82	Horizontal
4	15914.6524	39.47	13.35	52.82	74.00	-21.18	Horizontal
5	17146.5244	37.82	15.77	53.59	74.00	-20.41	Horizontal
6	17516.5861	36.93	17.16	54.09	74.00	-19.91	Horizontal
7	17863.3106	36.31	18.82	55.13	74.00	-18.87	Horizontal

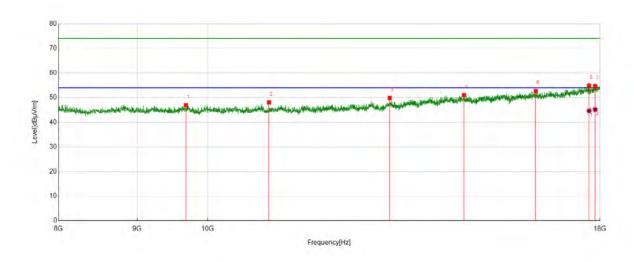
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17516.5861	26.94	17.16	44.10	54.00	-9.90	Horizontal
2	17863.3106	26.37	18.82	45.19	54.00	-8.81	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC40	5755	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9681.9470	43.02	3.96	46.98	74.00	-27.02	Vertical
2	10963.8273	43.25	4.89	48.14	74.00	-25.86	Vertical
3	13137.5229	41.45	8.40	49.85	74.00	-24.15	Vertical
4	14682.7805	39.56	11.51	51.07	74.00	-22.93	Vertical
5	16348.0580	38.49	14.17	52.66	74.00	-21.34	Vertical
6	17706.6178	37.19	17.68	54.87	74.00	-19.13	Vertical
7	17868.3114	36.04	18.67	54.71	74.00	-19.29	Vertical

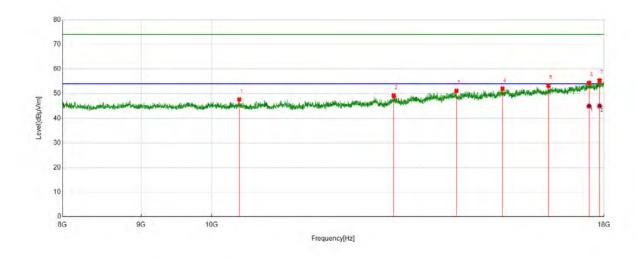
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17706.6178	26.99	17.68	44.67	54.00	-9.33	Vertical
2	17868.3114	26.50	18.67	45.17	54.00	-8.83	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC40	5795	Horizontal	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10423.7373	43.22	4.42	47.64	74.00	-26.36	Horizontal
2	13137.5229	40.80	8.40	49.20	74.00	-24.80	Horizontal
3	14431.0718	39.57	11.57	51.14	74.00	-22.86	Horizontal
4	15461.2435	39.02	13.03	52.05	74.00	-21.95	Horizontal
5	16561.4269	39.21	14.05	53.26	74.00	-20.74	Horizontal
6	17601.6003	36.78	17.58	54.36	74.00	-19.64	Horizontal
7	17879.9800	36.56	18.78	55.34	74.00	-18.66	Horizontal

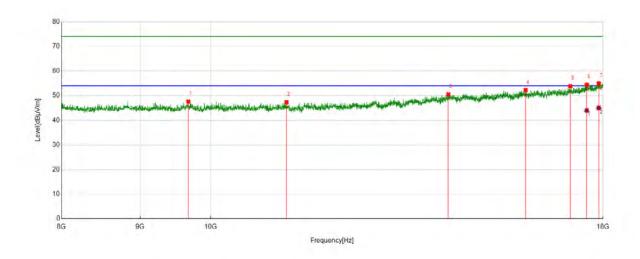
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17601.6003	27.38	17.58	44.96	54.00	-9.04	Horizontal
2	17879.9800	26.25	18.78	45.03	54.00	-8.97	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Test Mode Channel		Verdict	
11AC40	5795	Vertical	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	9673.6123	43.73	3.87	47.60	74.00	-26.40	Vertical
2	11205.5343	42.11	5.23	47.34	74.00	-26.66	Vertical
3	14277.7130	39.08	11.45	50.53	74.00	-23.47	Vertical
4	16029.6716	38.53	13.71	52.24	74.00	-21.76	Vertical
5	17139.8566	38.14	15.73	53.87	74.00	-20.13	Vertical
6	17566.5944	37.11	17.26	54.37	74.00	-19.63	Vertical
7	17884.9808	36.05	18.88	54.93	74.00	-19.07	Vertical

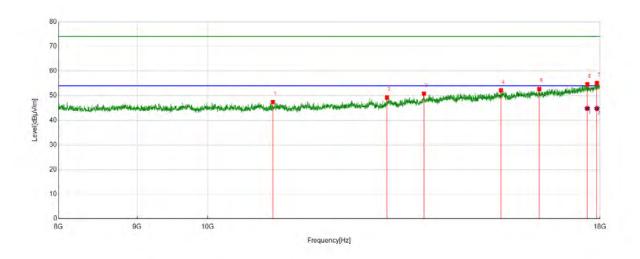
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17566.5944	26.73	17.26	43.99	54.00	-10.01	Vertical
2	17884.9808	26.16	18.88	45.04	54.00	-8.96	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC80	5210	Horizontal	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11027.1712	42.40	5.03	47.43	74.00	-26.57	Horizontal
2	13082.5138	41.09	8.16	49.25	74.00	-24.75	Horizontal
3	13827.6379	40.34	10.50	50.84	74.00	-23.16	Horizontal
4	15517.9197	39.31	12.88	52.19	74.00	-21.81	Horizontal
5	16434.7391	38.64	14.05	52.69	74.00	-21.31	Horizontal
6	17659.9433	36.85	17.79	54.64	74.00	-19.36	Horizontal
7	17914.9858	36.47	18.66	55.13	74.00	-18.87	Horizontal

## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17659.9433	27.03	17.79	44.82	54.00	-9.18	Horizontal
2	17914.9858	26.11	18.66	44.77	54.00	-9.23	Horizontal

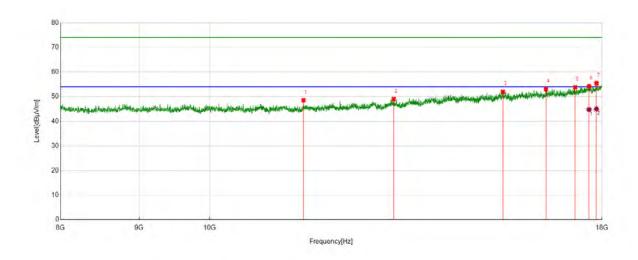
Remark: 1. Measurement = Reading Level + Correct Factor.

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

Form-ULID-008536-10 V3.0



Test Mode	Channel	Polarization	Verdict	
11AC80	5210	Vertical	PASS	



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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	11510.5851	41.99	6.56	48.55	74.00	-25.45	Vertical
2	13177.5296	40.81	8.25	49.06	74.00	-24.94	Vertical
3	15516.2527	39.11	12.87	51.98	74.00	-22.02	Vertical
4	16549.7583	39.04	14.00	53.04	74.00	-20.96	Vertical
5	17289.8816	38.09	15.75	53.84	74.00	-20.16	Vertical
6	17653.2755	36.44	17.79	54.23	74.00	-19.77	Vertical
7	17849.9750	36.85	18.62	55.47	74.00	-18.53	Vertical

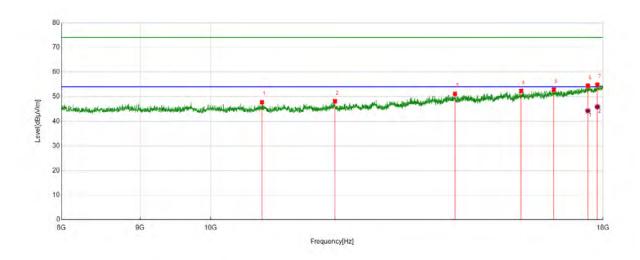
#### **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17653.2755	26.98	17.79	44.77	54.00	-9.23	Vertical
2	17849.9750	26.39	18.62	45.01	54.00	-8.99	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC80	5775	Horizontal	PASS	



1 1 1 1 1 1	oodit.						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	10800.4667	42.84	4.89	47.73	74.00	-26.27	Horizontal
2	12049.0082	41.22	6.96	48.18	74.00	-25.82	Horizontal
3	14421.0702	39.78	11.39	51.17	74.00	-22.83	Horizontal
4	15924.6541	39.16	13.18	52.34	74.00	-21.66	Horizontal
5	16721.4536	37.85	15.05	52.90	74.00	-21.10	Horizontal
6	17594.9325	36.83	17.64	54.47	74.00	-19.53	Horizontal
7	17848.3081	36.29	18.57	54.86	74.00	-19.14	Horizontal

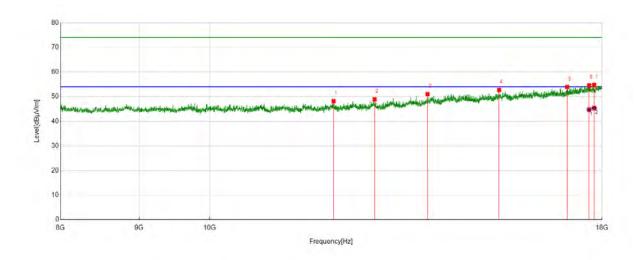
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17594.9325	26.58	17.64	44.22	54.00	-9.78	Horizontal
2	17848.3081	27.28	18.57	45.85	54.00	-8.15	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



Test Mode	Channel	Polarization	Verdict	
11AC80	5775	Vertical	PASS	



1 1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	12042.3404	41.21	7.00	48.21	74.00	-25.79	Vertical
2	12804.1340	41.63	7.30	48.93	74.00	-25.07	Vertical
3	13860.9768	40.72	10.32	51.04	74.00	-22.96	Vertical
4	15427.9047	39.84	12.88	52.72	74.00	-21.28	Vertical
5	17083.1805	38.12	15.83	53.95	74.00	-20.05	Vertical
6	17654.9425	36.76	17.79	54.55	74.00	-19.45	Vertical
7	17788.2980	36.66	18.11	54.77	74.00	-19.23	Vertical

## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17654.9425	26.94	17.79	44.73	54.00	-9.27	Vertical
2	17788.2980	27.27	18.11	45.38	54.00	-8.62	Vertical

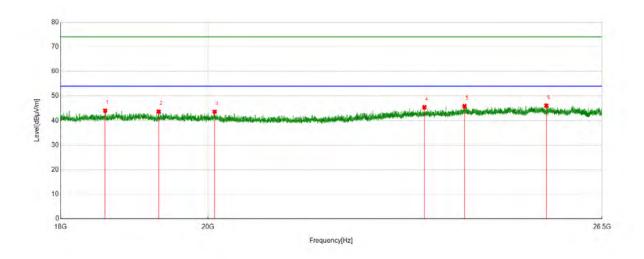
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



# Part 3: 18GHz to 26.5GHz

# SPURIOUS EMISSIONS 18GHz TO 26.5GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
11A	5785	Horizontal	PASS



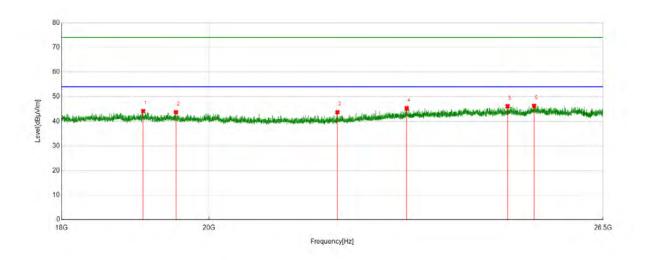
# PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18583.1583	50.48	-6.45	44.03	74.00	-29.97	Horizontal
2	19306.5807	49.29	-5.62	43.67	74.00	-30.33	Horizontal
3	20093.7594	48.73	-5.15	43.58	74.00	-30.42	Horizontal
4	23341.9342	48.66	-3.27	45.39	74.00	-28.61	Horizontal
5	24020.3020	48.49	-2.63	45.86	74.00	-28.14	Horizontal
6	25467.1467	49.29	-3.21	46.08	74.00	-27.92	Horizontal

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



Test Mode	Channel	Polarization	Verdict
11A	5785	Vertical	PASS



1 1 1 1 1 1	J G G I I I						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	19081.3081	50.07	-5.94	44.13	74.00	-29.87	Vertical
2	19532.7033	49.17	-5.45	43.72	74.00	-30.28	Vertical
3	21920.5921	49.48	-5.76	43.72	74.00	-30.28	Vertical
4	23032.5033	48.82	-3.51	45.31	74.00	-28.69	Vertical
5	24753.9254	49.37	-3.26	46.11	74.00	-27.89	Vertical
6	25226.5727	49.68	-3.38	46.30	74.00	-27.70	Vertical

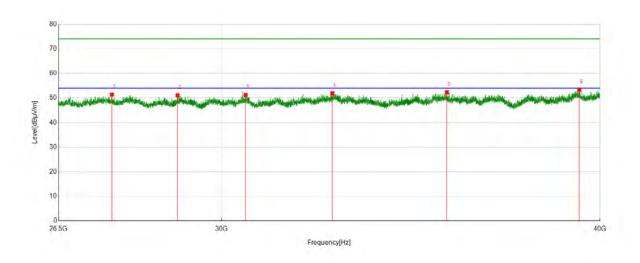
- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



# Part 4: 26.5GHz to 40GHz

# SPURIOUS EMISSIONS 26.5GHz TO 40GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
11A	5785	Horizontal	PASS



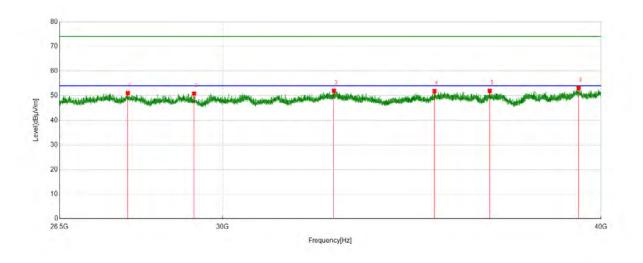
# PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	27597.6598	58.44	-7.08	51.36	74.00	-22.64	Horizontal
2	29011.2511	57.60	-6.52	51.08	74.00	-22.92	Horizontal
3	30551.7552	58.24	-7.05	51.19	74.00	-22.81	Horizontal
4	32635.0135	57.73	-5.82	51.91	74.00	-22.09	Horizontal
5	35605.3105	55.03	-2.72	52.31	74.00	-21.69	Horizontal
6	39376.2376	50.26	3.10	53.36	74.00	-20.64	Horizontal

- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



Test Mode	Channel	Polarization	Verdict
11A	5785	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	27912.2412	57.95	-6.87	51.08	74.00	-22.92	Vertical
2	29354.1854	57.84	-6.97	50.87	74.00	-23.13	Vertical
3	32647.1647	57.83	-5.81	52.02	74.00	-21.98	Vertical
4	35243.4743	55.53	-3.67	51.86	74.00	-22.14	Vertical
5	36754.2754	52.81	-0.83	51.98	74.00	-22.02	Vertical
6	39324.9325	50.07	3.01	53.08	74.00	-20.92	Vertical

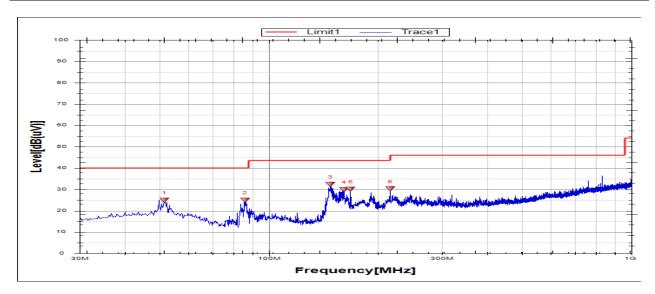
- 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



# Part 5: 30MHz~1GHz

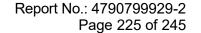
# SPURIOUS EMISSIONS 30M TO 1GHHz (WORST-CASE CONFIGURATION)

Test Mode	Test Mode Channel		Verdict
11A	5785	Horizontal	PASS



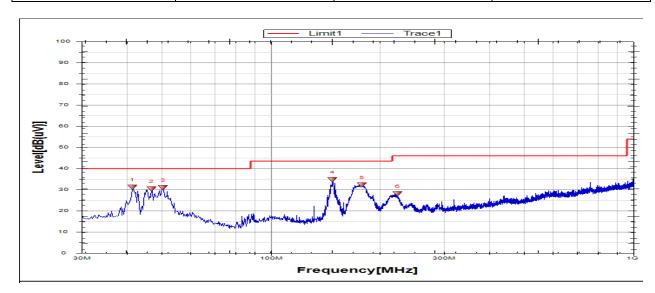
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	51.3454	4.19	20.85	25.04	40.0	-14.96	Peak
2	85.7890	9.40	15.58	24.98	40.0	-15.02	Peak
3	147.6421	17.10	15.37	32.47	43.5	-11.03	Peak
4	160.9829	14.01	15.92	29.93	43.5	-13.57	Peak
5	168.0172	13.98	16.16	30.14	43.5	-13.36	Peak
6	216.0443	10.95	19.29	30.24	46.0	-15.76	Peak

- 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.



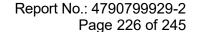


Test Mode	Test Mode Channel		Verdict
11A	5785	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	41.4004	11.12	20.11	31.23	40.0	-8.77	Peak
2	46.7367	9.77	20.68	30.45	40.0	-9.55	Peak
3	50.3751	10.06	20.98	31.04	40.0	-8.96	Peak
4	147.6421	19.44	15.37	34.81	43.5	-8.69	Peak
5	178.2048	15.57	16.72	32.29	43.5	-11.21	Peak
6	223.5637	8.57	19.54	28.11	46.0	-17.89	Peak

- 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
- 3. Measurement = Reading Level + Correct Factor.

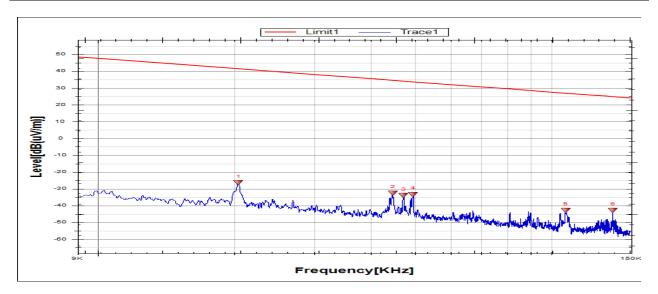




## Part 6: 9kHz to 30MHz

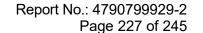
# SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)

Test Mode	Channel	Frequency Range	Verdict
11A	5785	9kHz~150kHz	PASS



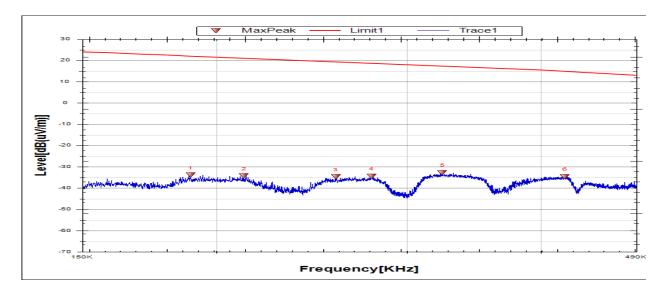
No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0204	35.45	-61.81	-26.36	41.44	-77.86	-10.06	-67.80	Peak
2	0.0447	29.19	-61.71	-32.52	34.65	-84.02	-16.85	-67.17	Peak
3	0.0472	27.75	-61.71	-33.96	34.16	-85.46	-17.34	-68.12	Peak
4	0.0495	28.32	-61.71	-33.39	33.72	-84.89	-17.78	-67.11	Peak
5	0.1075	19.11	-61.81	-42.70	26.99	-94.20	-24.51	-69.69	Peak
6	0.1367	19.01	-61.83	-42.82	24.89	-94.32	-26.61	-67.71	Peak

- 2. Result 300m= Result 3m-80 dBuV/m
- 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report
- 5. The limits in 47 CFR, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω; For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.



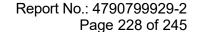


Test Mode	Channel	Frequency Range	Verdict
11A	5785	150kHz~490kHz	PASS



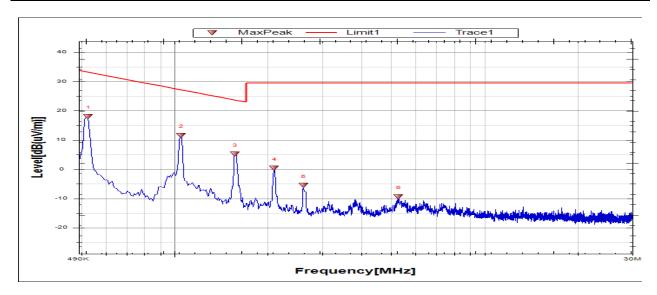
No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1891	27.99	-61.85	-33.86	22.07	-85.36	-29.43	-55.93	Peak
2	0.2120	27.57	-61.87	-34.30	21.16	-85.80	-30.34	-55.46	Peak
3	0.2578	27.20	-61.89	-34.69	19.55	-86.19	-31.95	-54.24	Peak
4	0.2783	27.53	-61.90	-34.37	18.82	-85.87	-32.68	-53.19	Peak
5	0.3239	29.13	-61.91	-32.78	17.46	-84.28	-34.04	-50.24	Peak
6	0.4208	27.33	-61.88	-34.55	14.99	-86.05	-36.51	-49.54	Peak

- 2. Result 300m= Result 3m-80 dBuV/m
- 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report
- 5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω; For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.



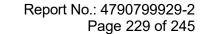


Test Mode	Channel	Frequency Range	Verdict
11A	5785	490kHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	IC Result	IC Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5269	39.96	-21.87	18.09	33.21	-33.41	-18.29	-15.12	Peak
2	1.0508	33.45	-21.85	11.60	27.18	-39.90	-24.32	-15.58	Peak
3	1.5673	27.05	-21.84	5.21	23.70	-46.29	-27.80	-18.49	Peak
4	2.0986	22.15	-21.8	0.35	29.54	-51.15	-21.96	-29.19	Peak
5	2.6078	16.29	-21.8	-5.51	29.54	-57.01	-21.96	-35.05	Peak
6	5.2864	12.44	-21.77	-9.33	29.54	-60.83	-21.96	-38.87	Peak

- 2. Result 30m= Result 3m-40 dBuV/m
- 3. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
- 4. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report
- 5. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377 Ω; For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.





# 7.3. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

There is only one modem installed in the host, the modem can transmit 2.4G WiFi and 5GHz WiFi simultaneously, so the spurious emission for simultaneous transmission was investigated in the report.

# **TEST RESULT TABLE**

1. For 1GHz to 3GHz part:

Environment Parameter	Selected Values During Tests			
Relative Humidity	56%			
Atmospheric Pressure:	101kPa			
Temperature	22°C			

Test Mode	Channel	Puw(dBm)	Verdict	
11B	2427	el imit	DASS	
11A	5785	<limit< td=""><td colspan="2">PASS</td></limit<>	PASS	

Note: Pre-testing all the combinations, the sate shown in the table is the worst case and recorded in this report.

2. For 3GHz to 8GHz part:

21 1 01 001 12 to 001 12 parti				
Environment Parameter	Selected Values During Tests			
Relative Humidity	56%			
Atmospheric Pressure:	101kPa			
Temperature	22°C			

Test Mode	Channel	Puw(dBm)	Verdict
11B	2427	<li>imit</li>	PASS
11A	5785	<limit< td=""><td>PASS</td></limit<>	PASS

Note: Pre-testing all the combinations, the sate shown in the table is the worst case and recorded in this report.

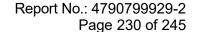
# 3. For 8GHz to 18GHz part:

Environment Parameter	Selected Values During Tests	
Relative Humidity	56%	
Atmospheric Pressure:	101kPa	
Temperature	22°C	

Test Mode	Channel	Puw(dBm)	Verdict
11B	2427	<limit< td=""><td>PASS</td></limit<>	PASS
11A	5785	\LIIIIII	PASS

Note: Pre-testing all the combinations, the sate shown in the table is the worst case and recorded in this report.

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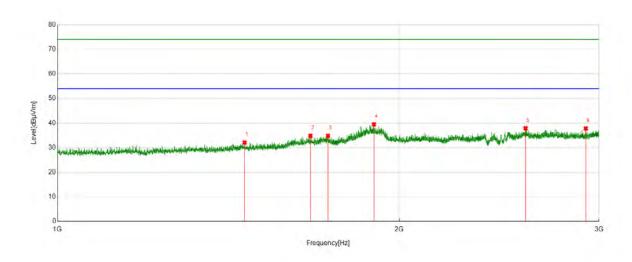




## **TEST GRAPHS:**

# SPURIOUS EMISSIONS (802.11B 2427MHz, 802.11A UNII-3 5785MHz, WORST-CASE CONFIGURATION)

## 1GHz-3GHz



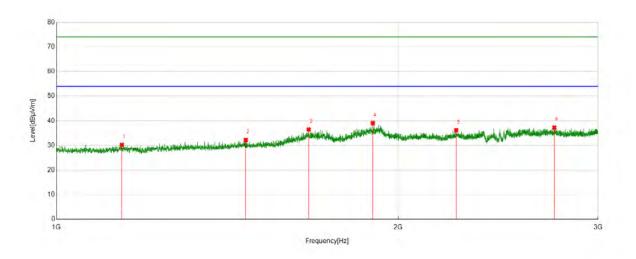
#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1461.5577	51.74	-19.67	32.07	74.00	-41.93	Horizontal
2	1670.3338	52.91	-18.11	34.80	74.00	-39.20	Horizontal
3	1730.8414	52.75	-17.94	34.81	74.00	-39.19	Horizontal
4	1900.1125	56.60	-17.13	39.47	74.00	-34.53	Horizontal
5	2584.6981	51.36	-13.45	37.91	74.00	-36.09	Horizontal
6	2920.4901	50.37	-12.55	37.82	74.00	-36.18	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



#### 1GHz-3GHz



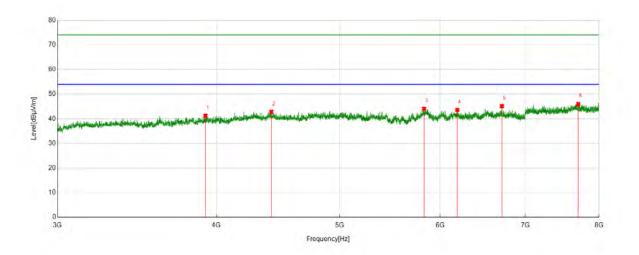
#### PK Result:

No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result	Limit (dBuV/m)	Margin (dB)	Remark
1	1141.7677	51.62	-21.39	30.23	74.00	-43.77	Vertical
2	1468.0585	51.97	-19.78	32.19	74.00	-41.81	Vertical
3	1667.8335	54.66	-18.16	36.50	74.00	-37.50	Vertical
4	1899.8625	56.19	-17.13	39.06	74.00	-34.94	Vertical
5	2249.9062	51.13	-14.94	36.19	74.00	-37.81	Vertical
6	2745.2182	49.95	-12.69	37.26	74.00	-36.74	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



#### 3GHz-8GHz



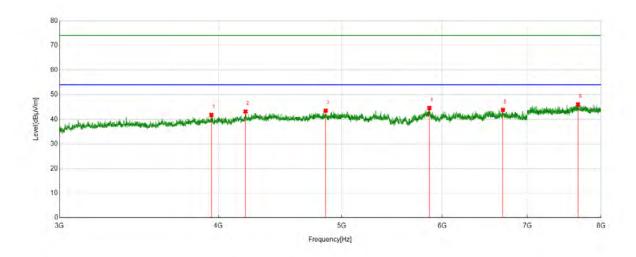
#### PK Result:

No.	Frequency	Level		requency Level Factor Result		Limit	Margin	Remark	
	(MHz) (dBuV/m)		(dB)	(dBuV/m)	(dBuV/m)	(dB)			
1	3921.7691	48.06	-6.81	41.25	74.00	-32.75	Horizontal		
2	4419.0466	46.98	-4.17	42.81	74.00	-31.19	Horizontal		
3	5826.9808	44.49	-0.42	44.07	74.00	-29.93	Horizontal		
4	6188.6876	44.22	-0.61	43.61	74.00	-30.39	Horizontal		
5	6709.301	44.82	0.32	45.14	74.00	-28.86	Horizontal		
6	7704.4116	43.67	2.28	45.95	74.00	-28.05	Horizontal		

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



## 3GHz-8GHz



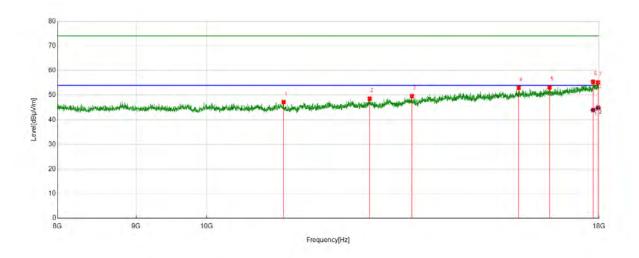
#### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m) (dB)		(dBuV/m)	BuV/m) (dBuV/m)		
1	3950.1056	48.10	-6.32	41.78	74.00	-32.22	Vertical
2	4201.8002	48.46	-5.30	43.16	74.00	-30.84	Vertical
3	4858.5398	46.50	-2.99	43.51	74.00	-30.49	Vertical
4	5862.5403	44.56	0.04	44.60	74.00	-29.40	Vertical
5	6697.0775	43.64	0.19	43.83	74.00	-30.17	Vertical
6	7672.7414	43.72	2.28	46.00	74.00	-28.00	Vertical

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For below 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for Band Reject Filter losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



#### 8GHz-18GHz



## PK Result:

1 1 1 1 1	it itesuit.									
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark			
	(MHz)	(MHz) (dBuV/m)		(dBuV/m)	(dBuV/m)	(dB)				
1	11223.8706	41.97	5.24	47.21	74.00	-26.79	Horizontal			
2	12767.4612	41.00	7.63	48.63	74.00	-25.37	Horizontal			
3	13602.6004	39.96	9.66	49.62	74.00	-24.38	Horizontal			
4	15961.3269	38.97	14.00	52.97	74.00	-21.03	Horizontal			
5	16713.1189	38.05	15.10	53.15	74.00	-20.85	Horizontal			
6	17839.9733	37.05	18.38	55.43	74.00	-18.57	Horizontal			
7	17973.3289	36.51	18.67	55.18	74.00	-18.82	Horizontal			

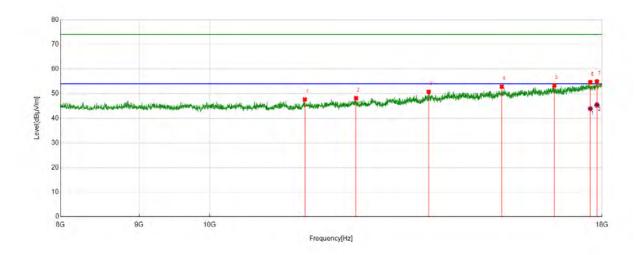
#### **AV Result:**

No.	Frequency Reading Correct Level Factor Res		Result	Limit	Margin	Remark		
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)		
1	17839.9733	25.58	18.38	43.96	54.00	-10.04	Horizontal	
2	17973.3289	26.19	18.67	44.86	54.00	-9.14	Horizontal	

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.



#### 8GHz-18GHz



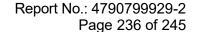
#### PK Result:

No.	Frequency	. Level Factor		Limit	Margin	Remark	
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	11533.9223	41.53	6.12	47.65	74.00	-26.35	Vertical
2	12454.0757	41.30	6.89	48.19	74.00	-25.81	Vertical
3	13884.3141	40.45	10.32	50.77	74.00	-23.23	Vertical
4	15491.2485	40.43	12.40	52.83	74.00	-21.17	Vertical
5	16759.7933	38.24	15.12	53.36	74.00	-20.64	Vertical
6	17686.6144	37.24	17.39	54.63	74.00	-19.37	Vertical
7	17861.6436	36.05	18.87	54.92	74.00	-19.08	Vertical

## **AV Result:**

No.	Frequency	Reading Correct Level Factor		Result	Limit	Margin	Remark	
	(MHz)	(dBuV/m)	dBuV/m) (dB)		(dBuV/m)	(dB)		
1	17686.6144	26.49	17.39	43.88	54.00	-10.12	Vertical	
2	17861.6436	26.55	18.87	45.42	54.00	-8.58	Vertical	

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. AVG: VBW refer to section 6.2.
- 6. For above 8GHz part, filter losses were only considered in the spurious frequency bands and the authorized band were not corrected for HPF losses. The proper operation of the transmitter prior to adding the filter to the measurement chain.
- 7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
- 8. Since the non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.





## 8. FREQUENCY STABILITY

## **LIMITS**

The frequency of the carrier signal shall be maintained within band of operation.

## **TEST SETUP AND PROCEDURE**

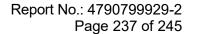
Connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

User manual temperature is -40°C~85°C.

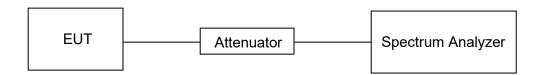




# **TEST ENVIRONMENT**

Environment Parameter	Normal Test Conditions	Selected Extreme Test Conditions	
Relative Humidity	56%	1	
Atmospheric Pressure:	101kPa	/	
Tomorousture	T (Name al Taman anatuma), 220	T∟ (Low Temperature): -40℃	
Temperature	T <sub>N</sub> (Normal Temperature): 22°C	T <sub>H</sub> (Low Temperature): 85℃	
	V <sub>N</sub> (Normal Voltage)	V <sub>∟</sub> (Low Voltage): AC 102V	
Cupply Voltage	For Model 476148A: AC 120V	V <sub>H</sub> (Low Voltage): AC 138V	
Supply Voltage	V <sub>N</sub> (Normal Voltage):	V <sub>∟</sub> (Low Voltage): DC -40.8V	
	For Model 476147A: DC -48V	V <sub>н</sub> (Low Voltage): AC -55.2V	

## **TEST SETUP**



# **TEST RESULTS**

Not applicable, the customer will declare the extreme used temperature and voltage in the user manual.



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## **TEST RESULTS (WORST-CASE CONFIGURATION)**

Frequency Error vs. Voltage:

Test	Test a		V-14	0 Minute		2 Minutes		5 Minutes		10 Minutes		Verdict
Mode	Channel Temp. Volt.	e Channel	Volt.	Freq.Error (Hz)	Freq.vs.rated (ppm)							
		TN	VL	6000.00	1.153846	4000.00	0.769231	4000.00	0.769231	4000.00	0.769231	PASS
11A	5200	TN	VN	6000.00	1.153846	4000.00	0.769231	6000.00	1.153846	6000.00	1.153846	PASS
		TN	VH	4000.00	0.769231	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	PASS
		TN	VL	10000.00	1.728608	10000.00	1.728608	10000.00	1.728608	10000.00	1.728608	PASS
11A	5785	TN	VN	10000.00	1.728608	10000.00	1.728608	10000.00	1.728608	10000.00	1.728608	PASS
		TN	VH	24000.00	4.148660	10000.00	1.728608	10000.00	1.728608	10000.00	1.728608	PASS

	Frequ	iency	Erro	r vs. Tem	perature:							
Test				0 M	inute	2 Mi	nutes	5 Mi	nutes	10 Mi	inutes	Verdict
Mode	Channel	Temp.	Volt.	Freq.Error (Hz)	Freq.vs.rated (ppm)							
		85	VN	6000.00	1.153846	8000.00	1.532567	8000.00	1.532567	8000.00	1.532567	PASS
		80	VN	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	PASS
		70	VN	8000.00	1.532567	-4000.00	-0.769231	-4000.00	-0.769231	-4000.00	-0.769231	PASS
		60	VN	6000.00	1.153846	2000.00	0.384615	2000.00	0.384615	2000.00	0.384615	PASS
		50	VN	2000.00	0.384615	8000.00	1.538462	6000.00	1.153846	6000.00	1.153846	PASS
		40	VN	-4000.00	-0.769231	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	PASS
11A	5200	30	VN	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	PASS
HA	5200	20	VN	2000.00	0.384615	8000.00	1.532567	8000.00	1.532567	8000.00	1.532567	PASS
		10	VN	6000.00	1.153846	2000.00	0.384615	2000.00	0.384615	2000.00	0.384615	PASS
		0	VN	8000.00	1.538462	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	PASS
		-10	VN	2000.00	0.384615	2000.00	0.384615	2000.00	0.384615	2000.00	0.384615	PASS
		-20	VN	2000.00	0.384615	-4000.00	-0.769231	-4000.00	-0.769231	-4000.00	-0.769231	PASS
		-30	VN	-4000.00	-0.769231	8000.00	1.538462	8000.00	1.538462	8000.00	1.538462	PASS
		-40	VN	2000.00	0.384615	6000.00	1.153846	6000.00	1.153846	6000.00	1.153846	PASS
		85	VN	12000.00	2.074330	8000.00	1.382887	8000.00	1.382887	8000.00	1.382887	PASS
		80	VN	8000.00	1.382887	12000.00	2.074330	8000.00	1.382887	8000.00	1.382887	PASS
		70	VN	18000.00	3.111495	6000.00	1.037165	6000.00	1.037165	6000.00	1.037165	PASS
		60	VN	26000.00	4.494382	18000.00	3.111495	18000.00	3.111495	18000.00	3.111495	PASS
		50	VN	30000.00	5.185825	12000.00	2.074330	12000.00	2.074330	12000.00	2.074330	PASS
		40	VN	8000.00	1.382887	8000.00	1.382887	8000.00	1.382887	8000.00	1.382887	PASS
11A	5785	30	VN	12000.00	2.074330	8000.00	1.382887	8000.00	1.382887	8000.00	1.382887	PASS
HA	5/65	20	VN	6000.00	1.037165	4000.00	0.691443	4000.00	0.691443	4000.00	0.691443	PASS
		10	VN	12000.00	2.074330	12000.00	2.074330	12000.00	2.074330	12000.00	2.074330	PASS
		0	VN	4000.00	0.691443	14000.00	2.420052	14000.00	2.420052	14000.00	2.420052	PASS
		-10	VN	8000.00	1.382887	18000.00	3.111495	12000.00	2.074330	12000.00	2.074330	PASS
		-20	VN	14000.00	2.420052	6000.00	1.037165	6000.00	1.037165	6000.00	1.037165	PASS
		-30	VN	12000.00	2.074330	12000.00	2.074330	12000.00	2.074330	12000.00	2.074330	PASS
		-40	VN	18000.00	3.111495	8000.00	1.382887	8000.00	1.382887	8000.00	1.382887	PASS

Note: 1. Both the two models have been test, the result of model 476148A was the worse case and recorded in this report.

2. All the modulation and channels had been tested, but only the worst data recorded in the report.



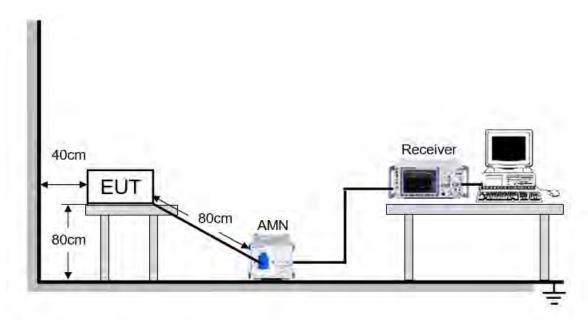
## 9. AC POWER LINE CONDUCTED EMISSIONS

## **LIMITS**

Please refer to FCC §15.207 (a), ISED RSS-Gen Clause 8.8

EDEOLIENCY (MHz)	Limit (dBuV)				
FREQUENCY (MHz)	Quasi-peak	Average			
0.15 -0.5	66 - 56 *	56 - 46 *			
0.50 -5.0	56.00	46.00			
5.0 -30.0	60.00	50.00			

#### TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.



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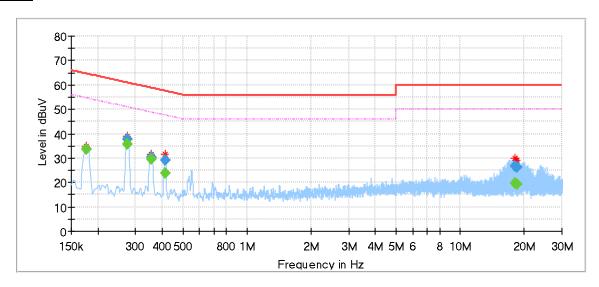
## **TEST ENVIRONMENT:**

Environment Parameter	Selected Values During Tests
Relative Humidity	56%
Atmospheric Pressure:	101kPa
Temperature	22°C



## **TEST RESULTS For Model 476148A**

## L Line:



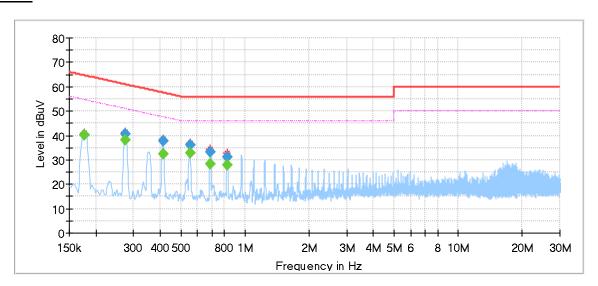
# Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.176865		33.56	54.63	21.08	1000.0	9.000	L1	OFF	9.6
0.176865	33.63		64.63	31.00	1000.0	9.000	L1	OFF	9.6
0.275370		35.56	50.95	15.40	1000.0	9.000	L1	OFF	9.6
0.275370	37.79		60.95	23.16	1000.0	9.000	L1	OFF	9.6
0.354473		29.65	48.86	19.20	1000.0	9.000	L1	OFF	9.6
0.354473	30.34		58.86	28.52	1000.0	9.000	L1	OFF	9.6
0.412680		23.63	47.59	23.96	1000.0	9.000	L1	OFF	9.6
0.412680	29.03		57.59	28.56	1000.0	9.000	L1	OFF	9.6
18.054030		19.80	50.00	30.20	1000.0	9.000	L1	OFF	9.7
18.054030	26.61		60.00	33.39	1000.0	9.000	L1	OFF	9.7
18.467453		19.45	50.00	30.55	1000.0	9.000	L1	OFF	9.7
18.467453	26.24		60.00	33.76	1000.0	9.000	L1	OFF	9.7

- 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
- 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
- 5. Pre-testing all test modes and channels and find the 5785MHz of 11A which is the worst case, so only the worst case is included in this test report.



## N Line:



# Final\_Result

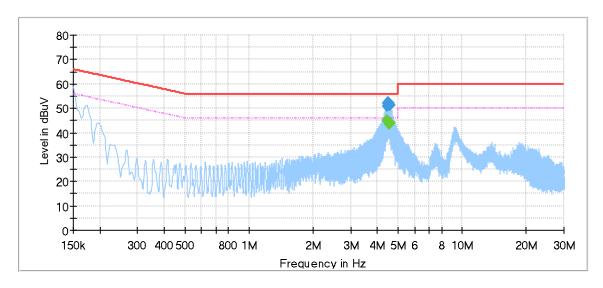
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.176865		40.15	54.63	14.48	1000.0	9.000	N	OFF	9.6
0.176865	40.25		64.63	24.38	1000.0	9.000	N	OFF	9.6
0.275370		38.02	50.95	12.94	1000.0	9.000	N	OFF	9.6
0.275370	40.47		60.95	20.48	1000.0	9.000	N	OFF	9.6
0.412680		32.45	47.59	15.14	1000.0	9.000	N	OFF	9.6
0.412680	37.59		57.59	20.00	1000.0	9.000	N	OFF	9.6
0.551483		33.02	46.00	12.98	1000.0	9.000	N	OFF	9.6
0.551483	35.93		56.00	20.07	1000.0	9.000	N	OFF	9.6
0.688793		28.47	46.00	17.53	1000.0	9.000	N	OFF	9.6
0.688793	33.03		56.00	22.97	1000.0	9.000	N	OFF	9.6
0.826103		27.87	46.00	18.13	1000.0	9.000	N	OFF	9.6
0.826103	31.16		56.00	24.84	1000.0	9.000	N	OFF	9.6

- 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
- 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
- 5. Pre-testing all test modes and channels and find the 5785MHz of 11A which is the worst case, so only the worst case is included in this test report.



## **TEST RESULTS For Model 476147A**

## L Line:



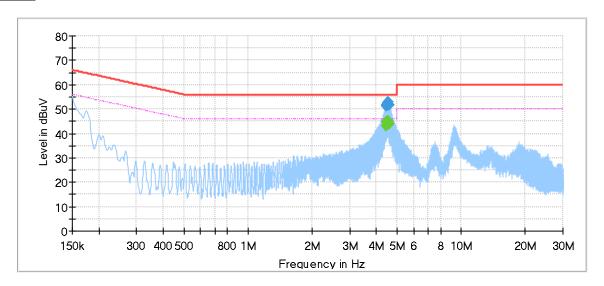
# Final\_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
4.431983		44.68	46.00	1.32	1000.0	9.000	L1	OFF	9.6
4.431983	51.03		56.00	4.97	1000.0	9.000	L1	OFF	9.6
4.460340		44.94	46.00	1.06	1000.0	9.000	L1	OFF	9.6
4.460340	52.04		56.00	3.96	1000.0	9.000	L1	OFF	9.6
4.490190		44.45	46.00	1.55	1000.0	9.000	L1	OFF	9.6
4.490190	52.48		56.00	3.52	1000.0	9.000	L1	OFF	9.6
4.518548		44.23	46.00	1.77	1000.0	9.000	L1	OFF	9.6
4.518548	52.13		56.00	3.87	1000.0	9.000	L1	OFF	9.6
4.548398		43.62	46.00	2.38	1000.0	9.000	L1	OFF	9.6
4.548398	51.26		56.00	4.74	1000.0	9.000	L1	OFF	9.6
4.579740		44.08	46.00	1.92	1000.0	9.000	L1	OFF	9.6
4.579740	51.18		56.00	4.82	1000.0	9.000	L1	OFF	9.6

- 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
- 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
- 5. Pre-testing all test modes and channels and find the 5785MHz of 11A which is the worst case, so only the worst case is included in this test report.
- 6. The model 476147A has a DC power supply unit and get power from AC power source by an AC/DC conventor.



## N Line:



# Final\_Result

·a 100a.1									
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
4.433475		43.04	46.00	2.96	1000.0	9.000	N	OFF	9.6
4.433475	51.13		56.00	4.87	1000.0	9.000	N	OFF	9.6
4.464818		44.58	46.00	1.42	1000.0	9.000	N	OFF	9.6
4.464818	51.79		56.00	4.21	1000.0	9.000	N	OFF	9.6
4.493175		44.67	46.00	1.33	1000.0	9.000	N	OFF	9.6
4.493175	52.50		56.00	3.50	1000.0	9.000	N	OFF	9.6
4.523025		44.93	46.00	1.07	1000.0	9.000	N	OFF	9.6
4.523025	52.94		56.00	3.06	1000.0	9.000	N	OFF	9.6
4.554368		44.68	46.00	1.32	1000.0	9.000	N	OFF	9.6
4.554368	51.90		56.00	4.10	1000.0	9.000	N	OFF	9.6
4.582725		43.77	46.00	2.23	1000.0	9.000	N	OFF	9.6
4.582725	51.66		56.00	4.34	1000.0	9.000	N	OFF	9.6

- 2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
- 3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
- 4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
- 5. Pre-testing all test modes and channels and find the 5785MHz of 11A which is the worst case, so only the worst case is included in this test report.
- 6. The model 476147A has a DC power supply unit and get power from AC power source by an AC/DC power supply.



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## **10.ANTENNA REQUIREMENTS**

## APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.407 (a)(1), (a)(3)

The conducted output power limit specified in paragraph (a)(1) and (a)(3) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (a)(1) and (a)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **ANTENNA GAIN**

The antenna gain of EUT is less than 6 dBi

## **END OF REPORT**

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