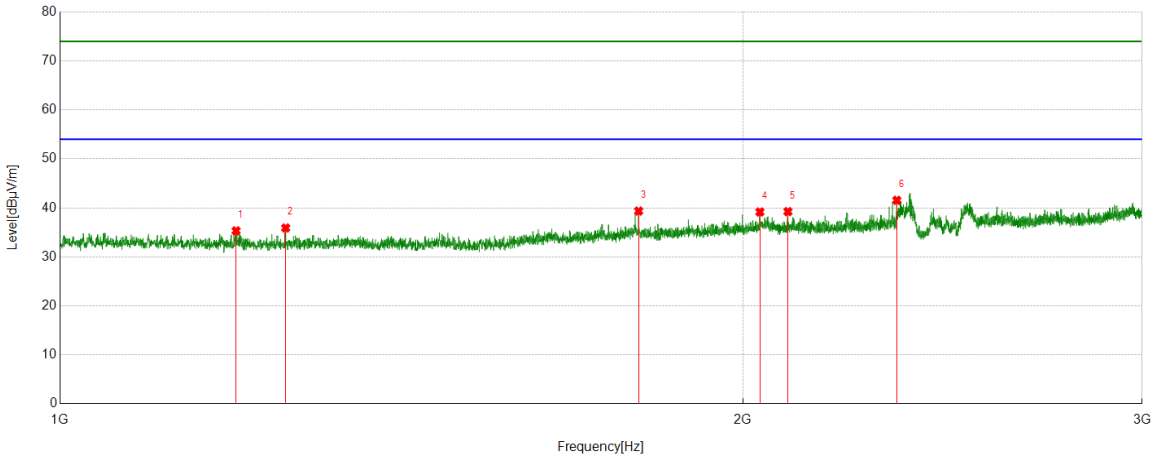
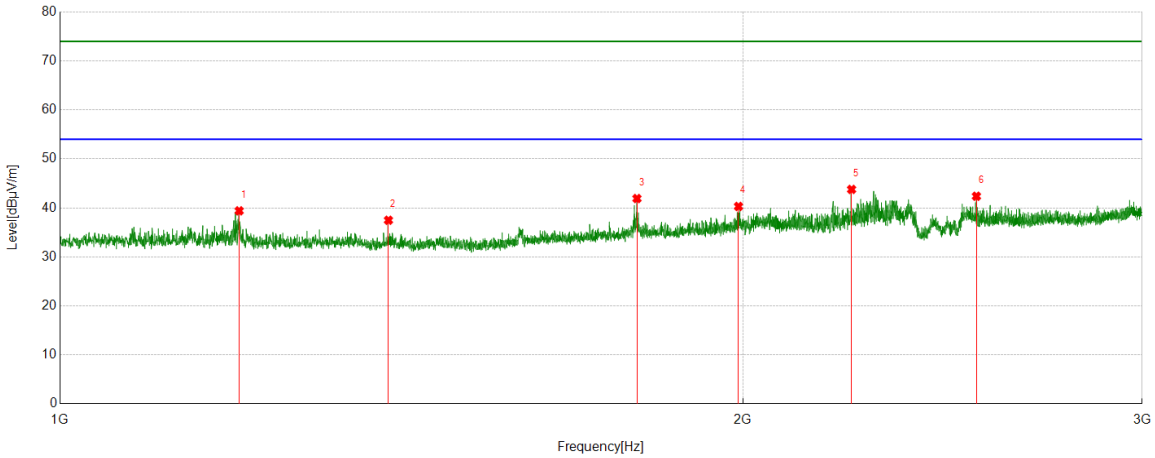
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1195.7745	41.97	-6.65	35.32	74.00	-38.68	peak
2	1257.5322	42.20	-6.30	35.90	74.00	-38.10	peak
3	1799.3499	43.58	-4.22	39.36	74.00	-34.64	peak
4	2035.1294	41.82	-2.65	39.17	74.00	-34.83	peak
5	2093.8867	42.21	-2.96	39.25	74.00	-34.75	peak
6	2338.6673	44.67	-3.12	41.55	74.00	-32.45	peak

Note: 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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

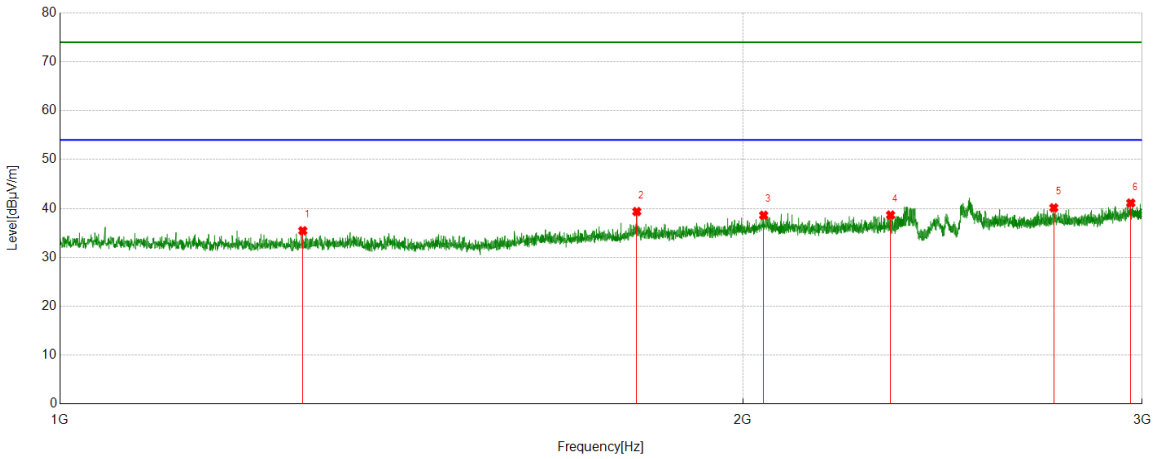
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1199.5249	46.08	-6.68	39.40	74.00	-34.60	peak
2	1395.7995	44.01	-6.53	37.48	74.00	-36.52	peak
3	1796.3495	46.17	-4.26	41.91	74.00	-32.09	peak
4	1991.3739	43.48	-3.18	40.30	74.00	-33.70	peak
5	2233.6542	46.99	-3.22	43.77	74.00	-30.23	peak
6	2535.4419	44.63	-2.25	42.38	74.00	-31.62	peak

Note: 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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

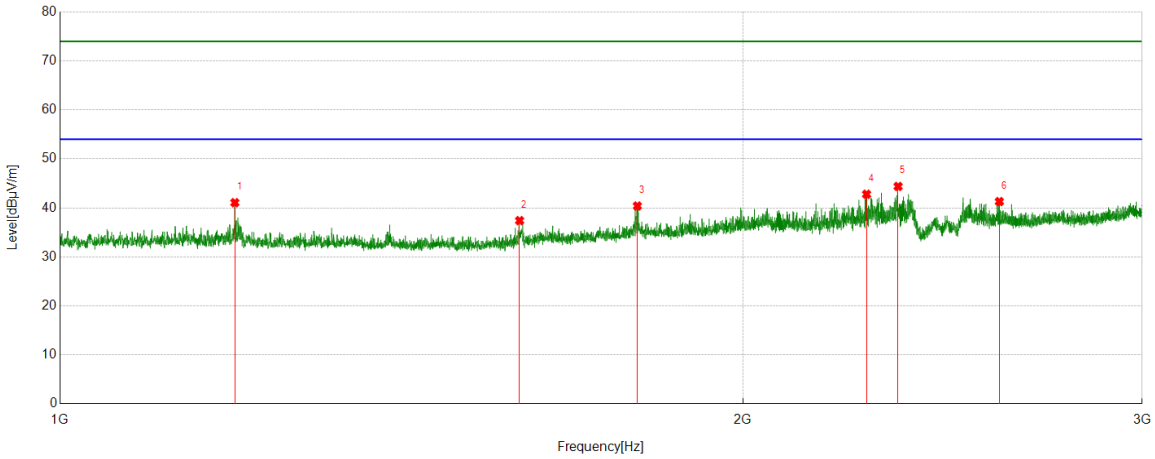
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1279.5349	41.79	-6.35	35.44	74.00	-38.56	peak
2	1796.0995	43.63	-4.27	39.36	74.00	-34.64	peak
3	2042.8804	41.09	-2.49	38.60	74.00	-35.40	peak
4	2323.9155	41.69	-3.04	38.65	74.00	-35.35	peak
5	2742.7178	41.51	-1.38	40.13	74.00	-33.87	peak
6	2965.7457	40.69	0.42	41.11	74.00	-32.89	peak

Note: 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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



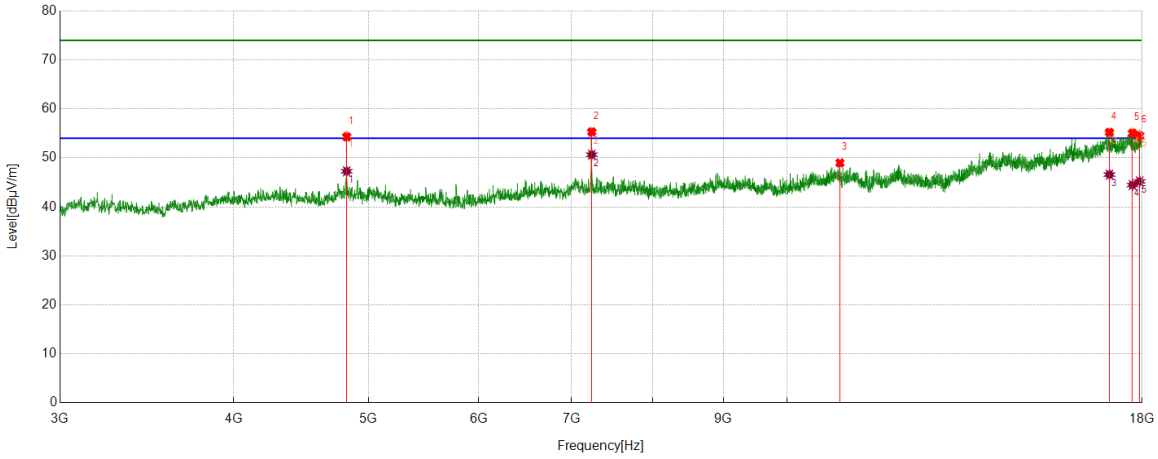
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1194.2743	47.71	-6.64	41.07	74.00	-32.93	peak
2	1594.5743	43.14	-5.74	37.40	74.00	-36.60	peak
3	1797.0996	44.64	-4.25	40.39	74.00	-33.61	peak
4	2267.9085	46.03	-3.24	42.79	74.00	-31.21	peak
5	2341.6677	47.49	-3.11	44.38	74.00	-29.62	peak
6	2595.1994	43.17	-1.88	41.29	74.00	-32.71	peak

Note: 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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

Part II: 3GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

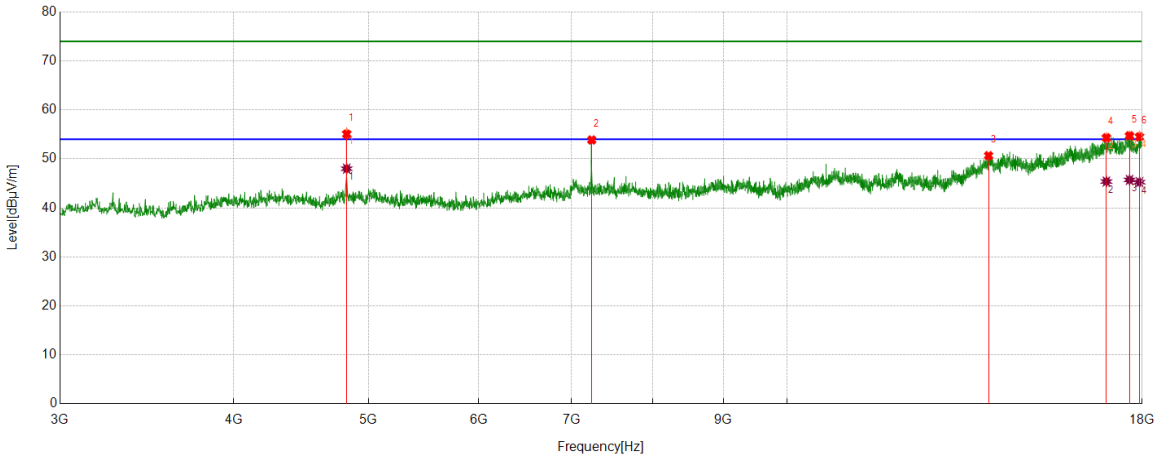
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	48.95	5.35	54.30	74.00	-19.70	peak
		41.92	5.35	47.27	54.00	-6.73	average
2	7236.1545	46.61	8.71	55.32	74.00	-18.68	peak
		41.94	8.71	50.65	54.00	-3.35	average
3	10913.4892	36.70	12.28	48.98	74.00	-25.02	peak
4	17051.1314	35.31	19.91	55.22	74.00	-18.78	peak
		26.69	19.91	46.60	54.00	-7.40	average
5	17714.9644	35.99	19.06	55.05	74.00	-18.95	peak
		25.40	19.06	44.46	54.00	-9.54	average
6	17926.8659	34.94	19.57	54.51	74.00	-19.49	peak
		25.63	19.57	45.20	54.00	-8.80	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

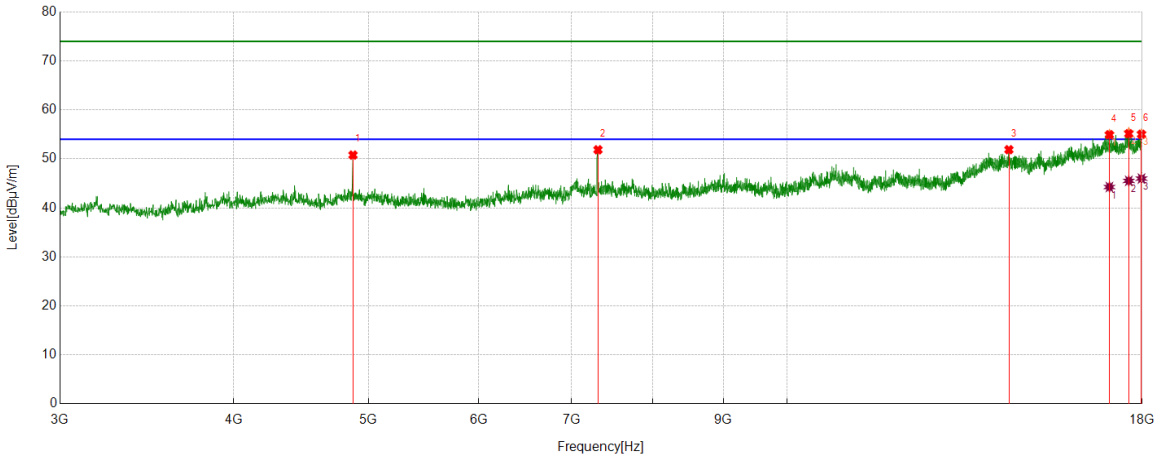
Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4822.7278	49.70	5.35	55.05	74.00	-18.95	peak
		42.65	5.35	48.00	54.00	-6.00	average
2	7236.1545	45.15	8.71	53.86	74.00	-20.14	peak
3	13958.8699	35.13	15.53	50.66	74.00	-23.34	peak
4	16964.8706	34.44	19.87	54.31	74.00	-19.69	peak
		25.51	19.87	45.38	54.00	-8.62	average
5	17628.7036	35.24	19.48	54.72	74.00	-19.28	peak
		26.23	19.48	45.71	54.00	-8.29	average
6	17923.1154	34.86	19.63	54.49	74.00	-19.51	peak
		25.63	19.63	45.26	54.00	-8.74	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

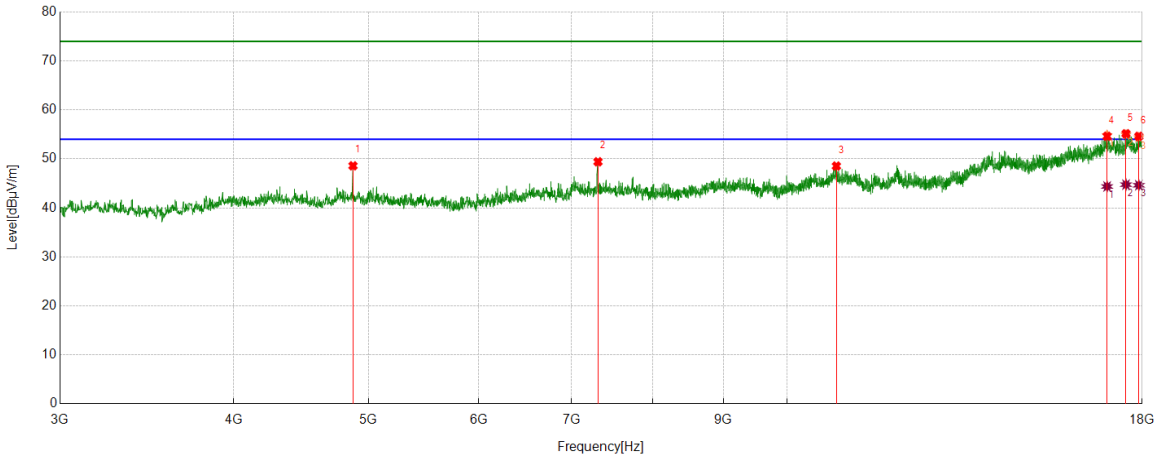
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	45.24	5.54	50.78	74.00	-23.22	peak
2	7311.1639	43.45	8.41	51.86	74.00	-22.14	peak
3	14437.0546	35.87	16.01	51.88	74.00	-22.12	peak
4	17051.1314	35.02	19.91	54.93	74.00	-19.07	peak
		24.35	19.91	44.26	54.00	-9.74	average
5	17606.2008	35.52	19.61	55.13	74.00	-18.87	peak
		25.91	19.61	45.52	54.00	-8.48	average
6	17981.2477	35.54	19.47	55.01	74.00	-18.99	peak
		26.51	19.47	45.98	54.00	-8.02	average

Note: 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 7.2.
6. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

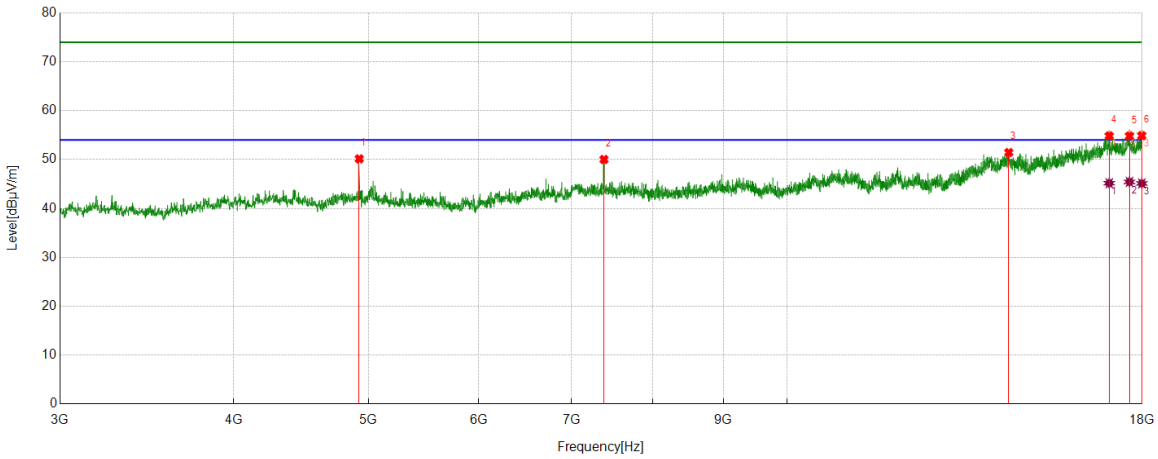
Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	43.05	5.54	48.59	74.00	-25.41	peak
2	7311.1639	41.00	8.41	49.41	74.00	-24.59	peak
3	10849.7312	36.39	12.15	48.54	74.00	-25.46	peak
4	16985.4982	35.10	19.51	54.61	74.00	-19.39	peak
		24.86	19.51	44.37	54.00	-9.63	average
5	17525.5657	36.03	19.11	55.14	74.00	-18.86	peak
		25.64	19.11	44.75	54.00	-9.25	average
6	17902.4878	35.09	19.52	54.61	74.00	-19.39	peak
		25.10	19.52	44.62	54.00	-9.38	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

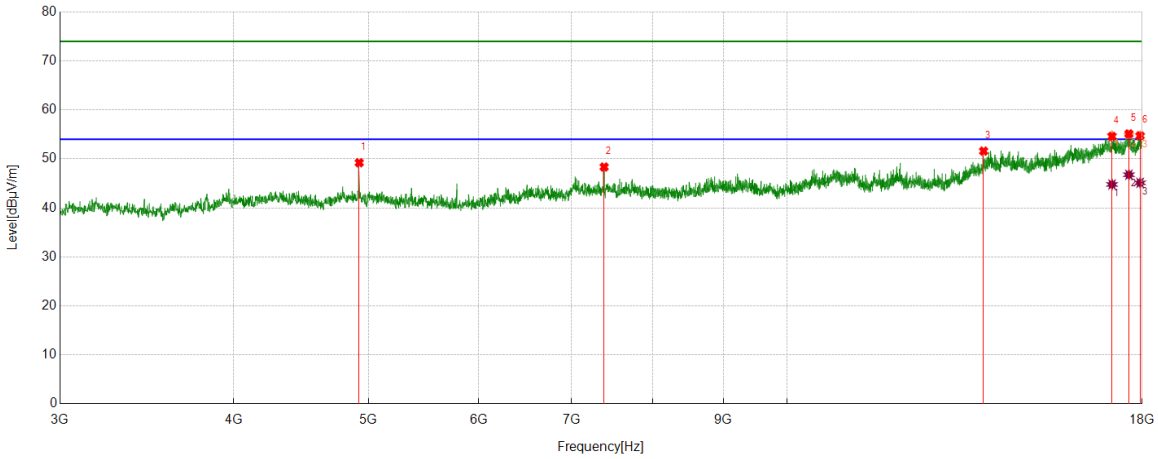
Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	44.59	5.56	50.15	74.00	-23.85	peak
2	7384.298	41.63	8.39	50.02	74.00	-23.98	peak
3	14435.1794	35.45	15.99	51.44	74.00	-22.56	peak
4	17045.5057	35.14	19.69	54.83	74.00	-19.17	peak
		25.47	19.69	45.16	54.00	-8.84	average
5	17626.8284	35.35	19.43	54.78	74.00	-19.22	peak
		26.00	19.43	45.43	54.00	-8.57	average
6	17990.6238	35.42	19.46	54.88	74.00	-19.12	peak
		25.66	19.46	45.12	54.00	-8.88	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

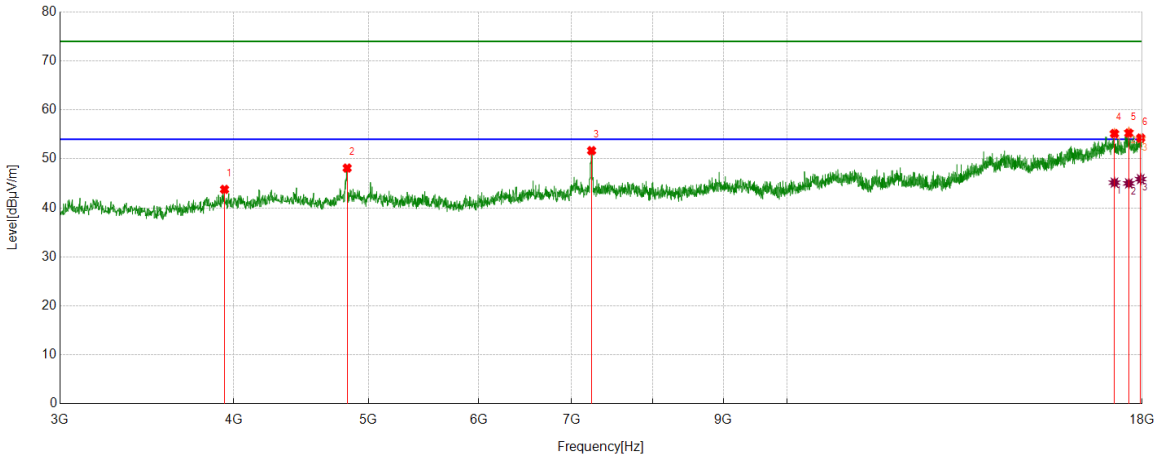
Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4923.9905	43.66	5.56	49.22	74.00	-24.78	peak
2	7386.1733	39.95	8.40	48.35	74.00	-25.65	peak
3	13844.4806	36.30	15.29	51.59	74.00	-22.41	peak
4	17124.2655	35.94	18.65	54.59	74.00	-19.41	peak
		26.13	18.65	44.78	54.00	-9.22	average
5	17609.9512	35.46	19.65	55.11	74.00	-18.89	peak
		27.12	19.65	46.77	54.00	-7.23	average
6	17939.9925	35.10	19.63	54.73	74.00	-19.27	peak
		25.48	19.63	45.11	54.00	-8.89	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

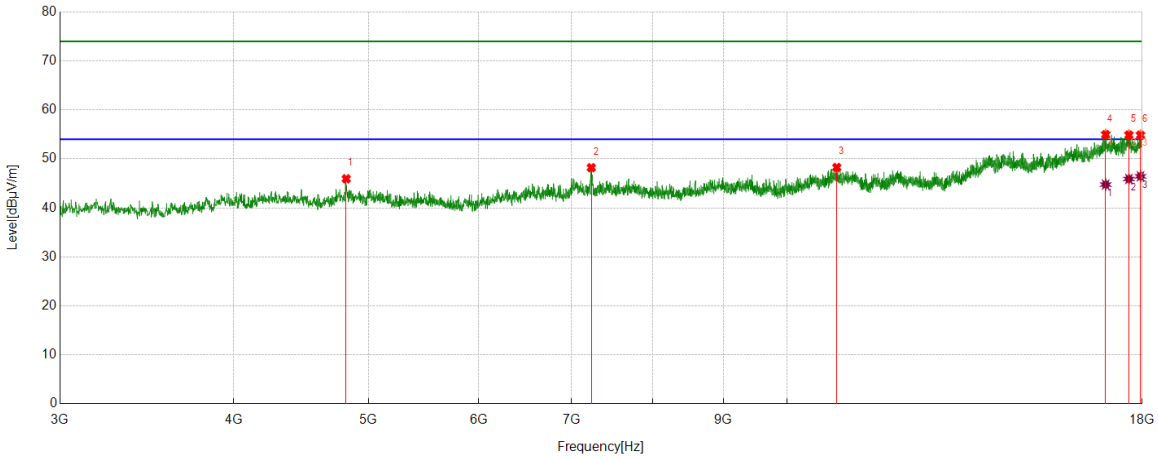
Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3939.4924	39.13	4.64	43.77	74.00	-30.23	peak
2	4826.4783	42.76	5.37	48.13	74.00	-25.87	peak
3	7234.2793	42.95	8.73	51.68	74.00	-22.32	peak
4	17193.6492	35.98	19.18	55.16	74.00	-18.84	peak
		25.97	19.18	45.15	54.00	-8.85	average
5	17608.076	35.62	19.63	55.25	74.00	-18.75	peak
		25.37	19.63	45.00	54.00	-9.00	average
6	17956.8696	34.60	19.66	54.26	74.00	-19.74	peak
		26.21	19.66	45.87	54.00	-8.13	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

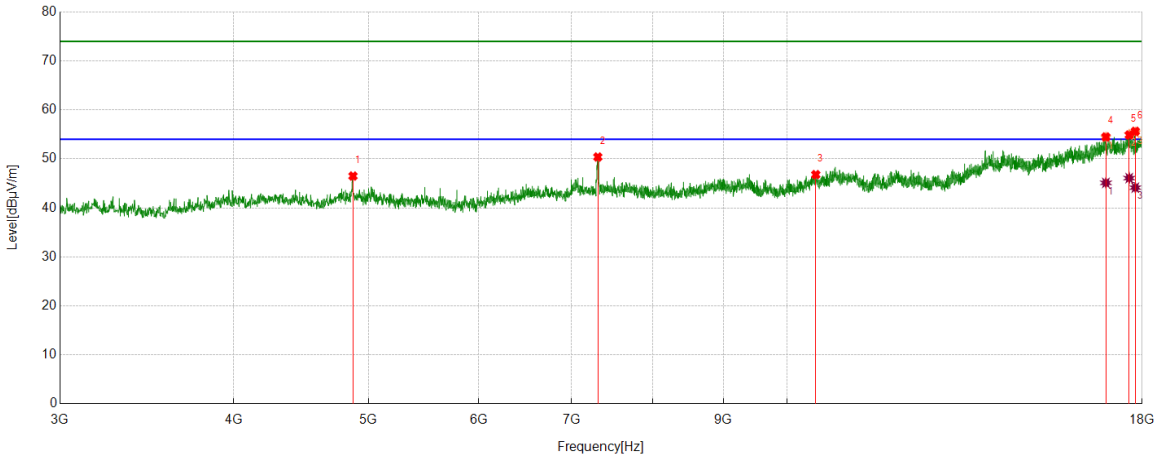
Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4818.9774	40.63	5.31	45.94	74.00	-28.06	peak
2	7230.5288	39.45	8.76	48.21	74.00	-25.79	peak
3	10857.2322	36.10	12.16	48.26	74.00	-25.74	peak
4	16946.1183	35.49	19.45	54.94	74.00	-19.06	peak
		25.31	19.45	44.76	54.00	-9.24	average
5	17609.9512	35.21	19.65	54.86	74.00	-19.14	peak
		26.25	19.65	45.90	54.00	-8.10	average
6	17951.2439	35.26	19.58	54.84	74.00	-19.16	peak
		26.87	19.58	46.45	54.00	-7.55	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

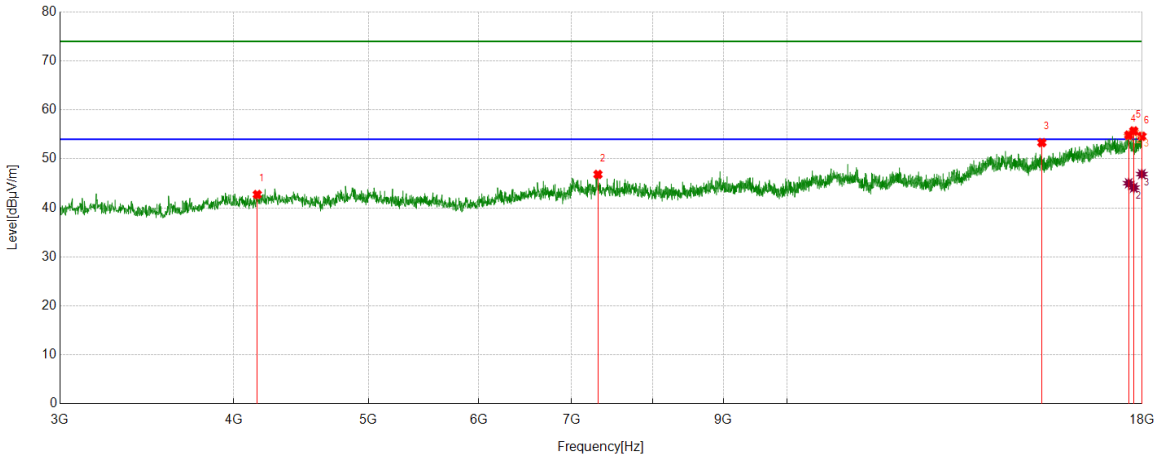
Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4873.3592	40.96	5.54	46.50	74.00	-27.50	peak
2	7309.2887	41.99	8.40	50.39	74.00	-23.61	peak
3	10485.9357	35.22	11.57	46.79	74.00	-27.21	peak
4	16951.744	34.94	19.54	54.48	74.00	-19.52	peak
		25.57	19.54	45.11	54.00	-8.89	average
5	17619.3274	35.61	19.27	54.88	74.00	-19.12	peak
		26.81	19.27	46.08	54.00	-7.92	average
6	17797.4747	36.87	18.76	55.63	74.00	-18.37	peak
		25.37	18.76	44.13	54.00	-9.87	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

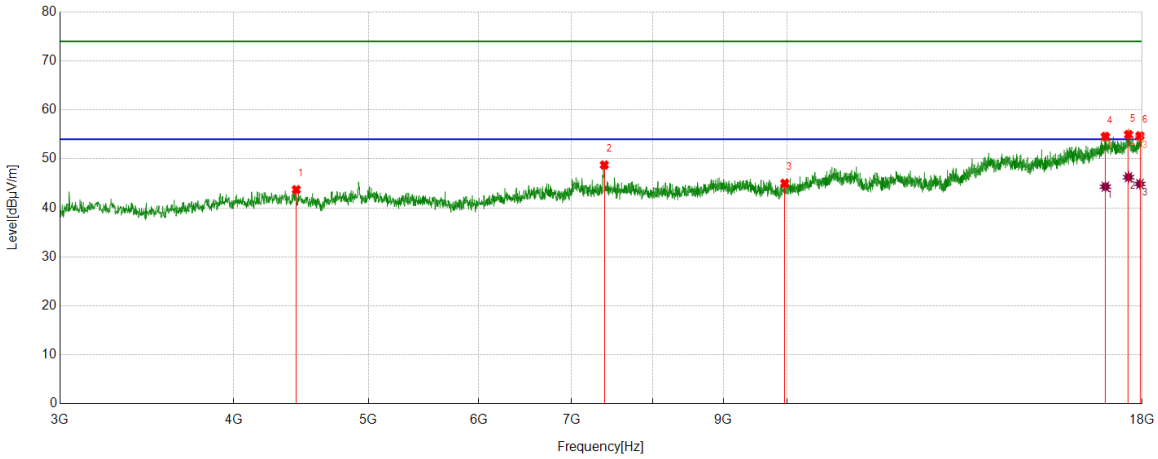
Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4158.8949	38.25	4.48	42.73	74.00	-31.27	peak
2	7311.1639	38.42	8.41	46.83	74.00	-27.17	peak
3	15247.1559	37.22	16.10	53.32	74.00	-20.68	peak
4	17604.3255	35.28	19.59	54.87	74.00	-19.13	peak
		25.44	19.59	45.03	54.00	-8.97	average
5	17752.4691	36.60	19.11	55.71	74.00	-18.29	peak
		25.03	19.11	44.14	54.00	-9.86	average
6	17990.6238	35.14	19.46	54.60	74.00	-19.40	peak
		27.43	19.46	46.89	54.00	-7.11	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

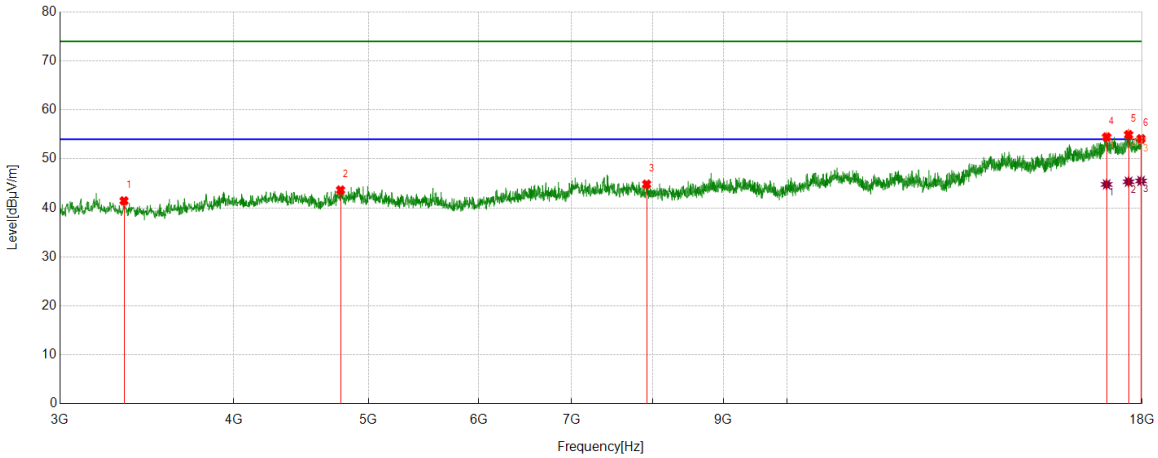
Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4436.4296	39.06	4.66	43.72	74.00	-30.28	peak
2	7388.0485	40.34	8.42	48.76	74.00	-25.24	peak
3	9960.8701	35.49	9.53	45.02	74.00	-28.98	peak
4	16938.6173	35.25	19.32	54.57	74.00	-19.43	peak
		25.01	19.32	44.33	54.00	-9.67	average
5	17598.6998	35.38	19.57	54.95	74.00	-19.05	peak
		26.70	19.57	46.27	54.00	-7.73	average
6	17934.3668	35.14	19.57	54.71	74.00	-19.29	peak
		25.32	19.57	44.89	54.00	-9.11	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

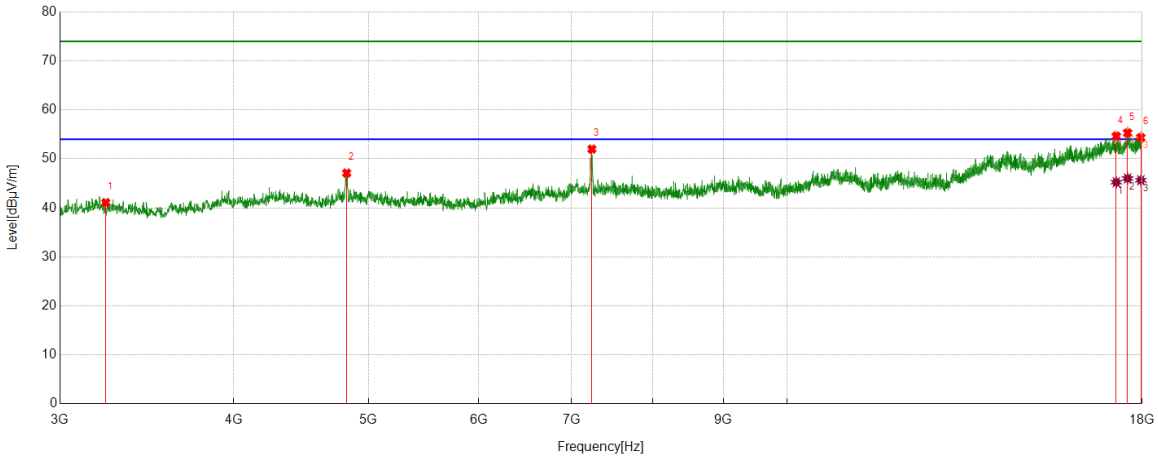
Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3335.667	39.02	2.42	41.44	74.00	-32.56	peak
2	4773.9717	38.36	5.28	43.64	74.00	-30.36	peak
3	7924.3655	36.67	8.16	44.83	74.00	-29.17	peak
4	16972.3715	34.49	19.98	54.47	74.00	-19.53	peak
		24.81	19.98	44.79	54.00	-9.21	average
5	17600.5751	35.38	19.55	54.93	74.00	-19.07	peak
		25.79	19.55	45.34	54.00	-8.66	average
6	17968.121	34.57	19.54	54.11	74.00	-19.89	peak
		25.96	19.54	45.50	54.00	-8.50	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

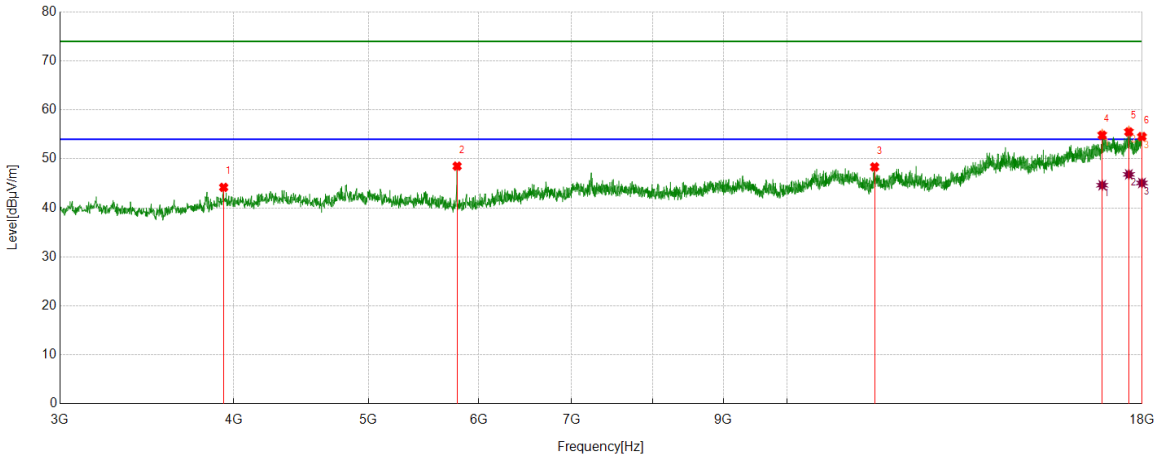
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3236.2795	38.73	2.35	41.08	74.00	-32.92	peak
2	4822.7278	41.76	5.35	47.11	74.00	-26.89	peak
3	7238.0298	43.30	8.70	52.00	74.00	-22.00	peak
4	17246.1558	36.29	18.34	54.63	74.00	-19.37	peak
		26.90	18.34	45.24	54.00	-8.76	average
5	17572.4466	35.31	19.97	55.28	74.00	-18.72	peak
		26.04	19.97	46.01	54.00	-7.99	average
6	17960.6201	34.66	19.69	54.35	74.00	-19.65	peak
		25.95	19.69	45.64	54.00	-8.36	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

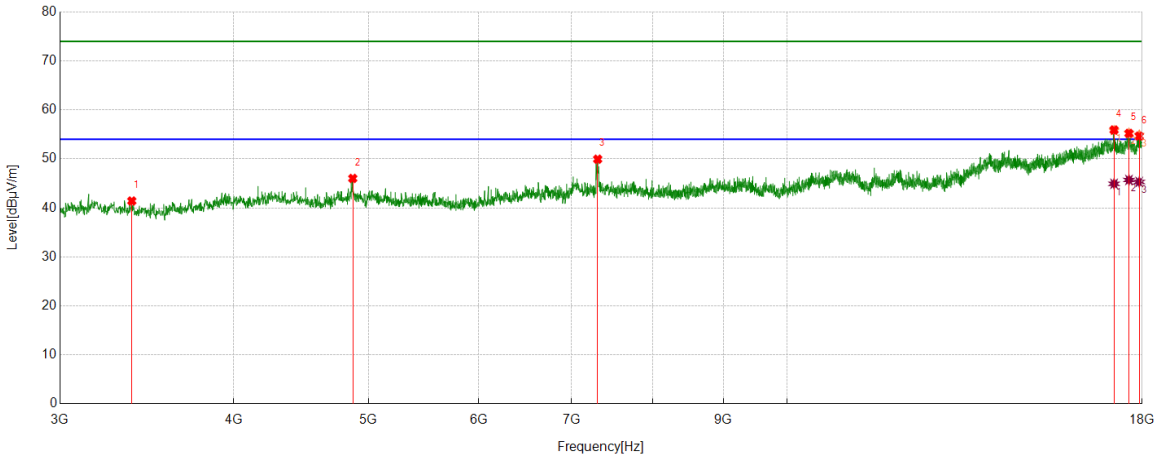
Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3933.8667	39.54	4.65	44.19	74.00	-29.81	peak
2	5790.3488	44.22	4.30	48.52	74.00	-25.48	peak
3	11558.5698	36.72	11.65	48.37	74.00	-25.63	peak
4	16848.6061	36.60	18.23	54.83	74.00	-19.17	peak
		26.40	18.23	44.63	54.00	-9.37	average
5	17608.076	35.86	19.63	55.49	74.00	-18.51	peak
		27.21	19.63	46.84	54.00	-7.16	average
6	17994.3743	35.02	19.53	54.55	74.00	-19.45	peak
		25.56	19.53	45.09	54.00	-8.91	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

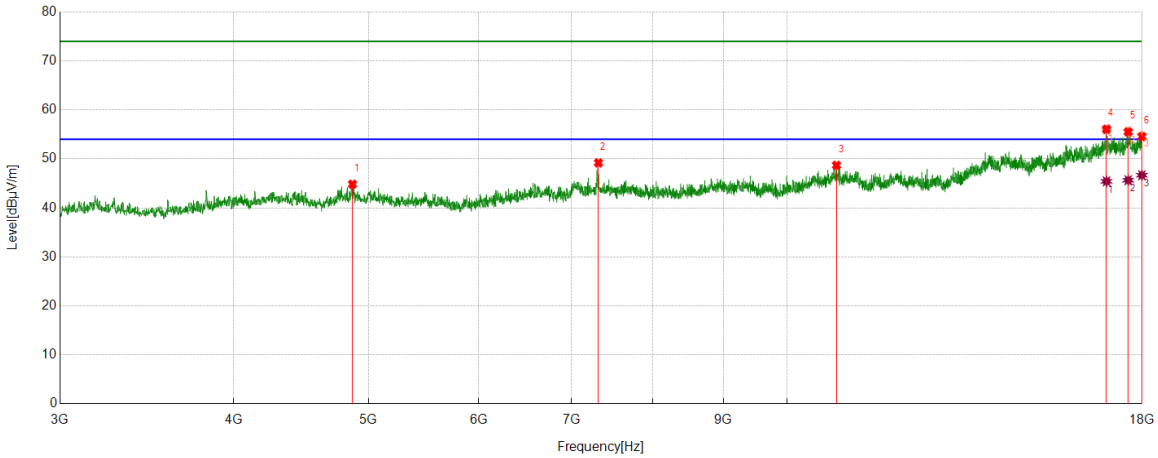
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	3378.7974	38.97	2.44	41.41	74.00	-32.59	peak
2	4871.4839	40.48	5.54	46.02	74.00	-27.98	peak
3	7307.4134	41.54	8.40	49.94	74.00	-24.06	peak
4	17182.3978	37.01	18.89	55.90	74.00	-18.10	peak
		26.03	18.89	44.92	54.00	-9.08	average
5	17611.8265	35.62	19.58	55.20	74.00	-18.80	peak
		26.12	19.58	45.70	54.00	-8.30	average
6	17913.7392	35.10	19.54	54.64	74.00	-19.36	peak
		25.75	19.54	45.29	54.00	-8.71	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

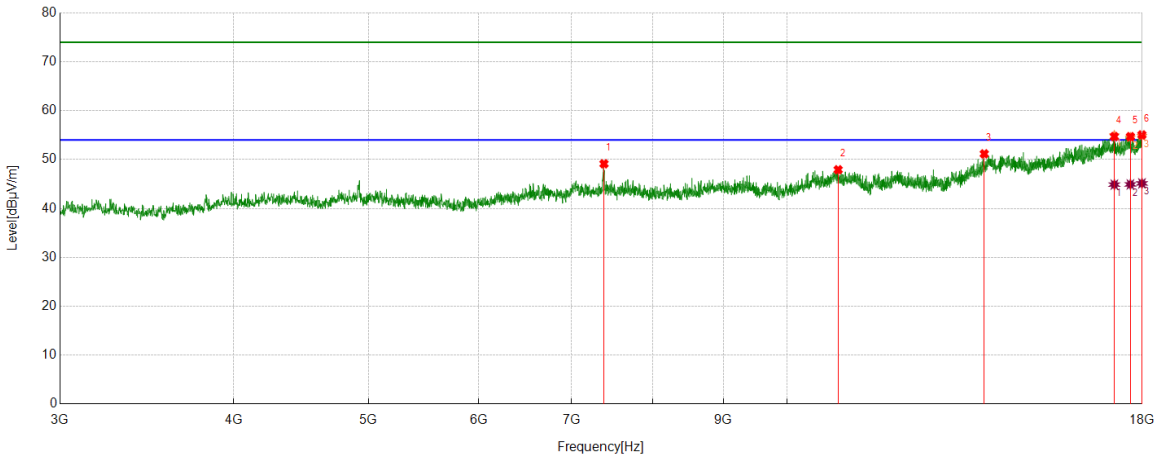
Test Mode	Channel	Polarization	Verdict
11N HT20	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4869.6087	39.30	5.54	44.84	74.00	-29.16	peak
2	7316.7896	40.70	8.50	49.20	74.00	-24.80	peak
3	10851.6065	36.54	12.16	48.70	74.00	-25.30	peak
4	16968.6211	36.10	19.96	56.06	74.00	-17.94	peak
		25.46	19.96	45.42	54.00	-8.58	average
5	17589.3237	35.78	19.75	55.53	74.00	-18.47	peak
		25.89	19.75	45.64	54.00	-8.36	average
6	17992.4991	35.04	19.50	54.54	74.00	-19.46	peak
		27.17	19.50	46.67	54.00	-7.33	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

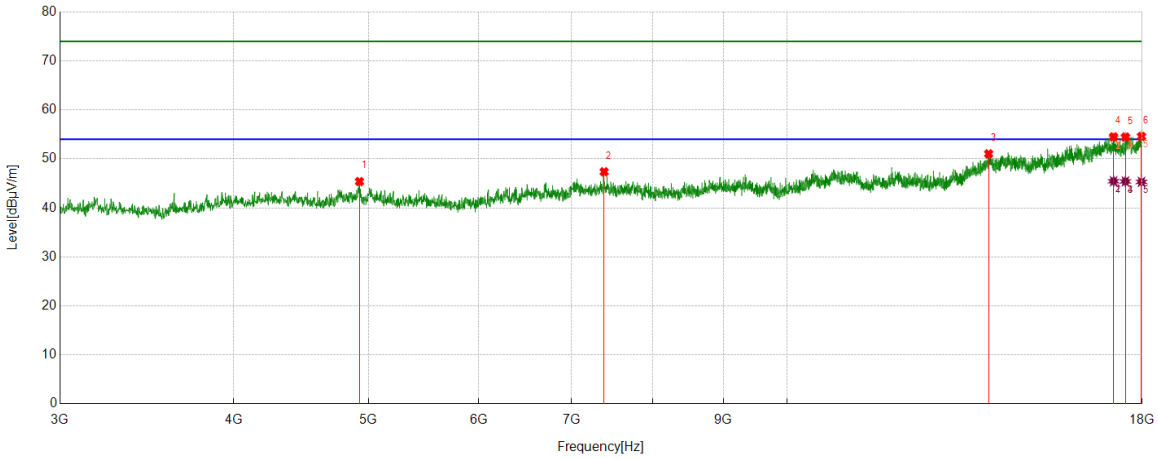
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	7384.298	40.74	8.39	49.13	74.00	-24.87	peak
2	10881.6102	35.63	12.29	47.92	74.00	-26.08	peak
3	13859.4824	35.80	15.37	51.17	74.00	-22.83	peak
4	17189.8987	35.49	19.21	54.70	74.00	-19.30	peak
		25.67	19.21	44.88	54.00	-9.12	average
5	17653.0816	35.19	19.50	54.69	74.00	-19.31	peak
		25.42	19.50	44.92	54.00	-9.08	average
6	17994.3743	35.52	19.53	55.05	74.00	-18.95	peak
		25.60	19.53	45.13	54.00	-8.87	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

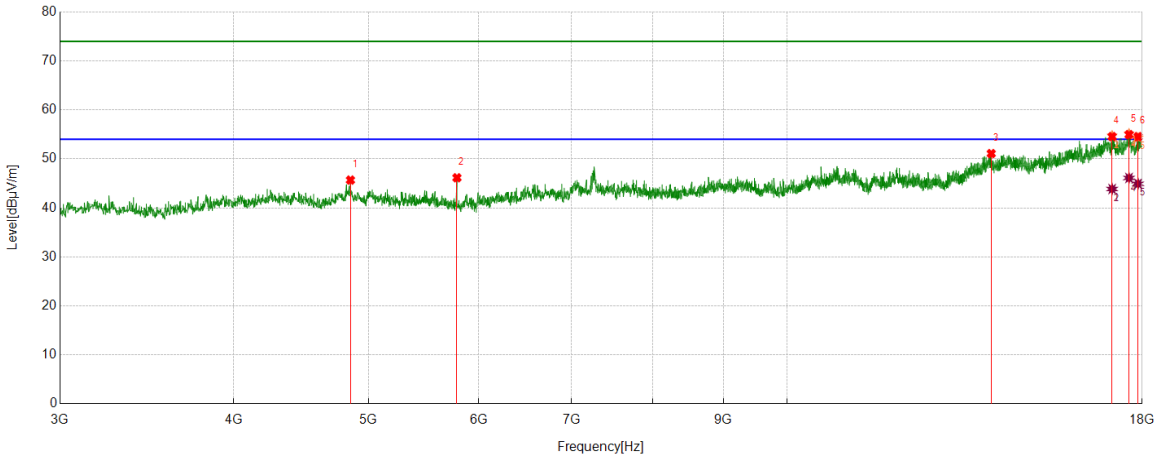
Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4925.8657	39.81	5.56	45.37	74.00	-28.63	peak
2	7386.1733	38.97	8.40	47.37	74.00	-26.63	peak
3	13960.7451	35.48	15.55	51.03	74.00	-22.97	peak
4	17169.2712	35.59	18.90	54.49	74.00	-19.51	peak
		26.54	18.90	45.44	54.00	-8.56	average
5	17508.6886	35.17	19.28	54.45	74.00	-19.55	peak
		26.12	19.28	45.40	54.00	-8.60	average
6	17981.2477	35.10	19.47	54.57	74.00	-19.43	peak
		25.84	19.47	45.31	54.00	-8.69	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

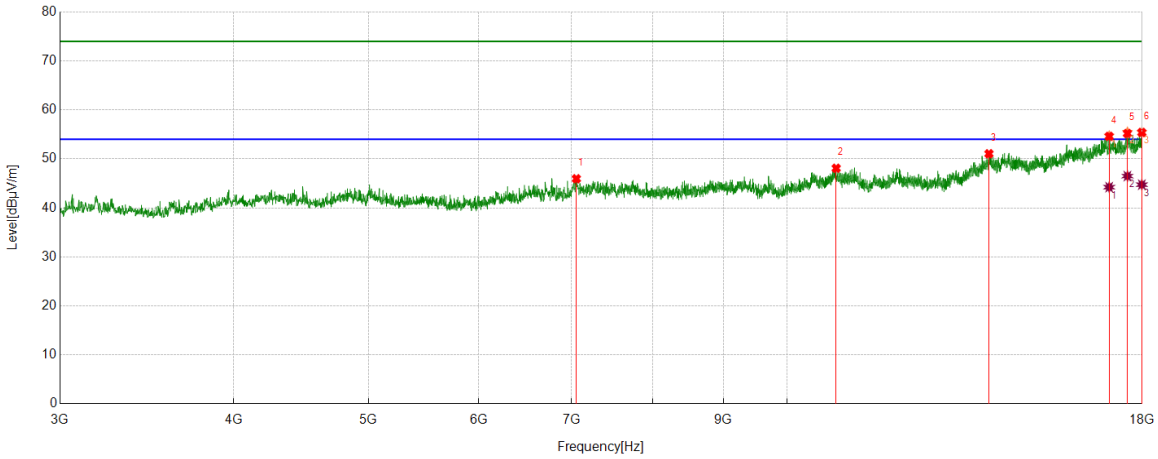
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4852.7316	40.26	5.42	45.68	74.00	-28.32	peak
2	5788.4736	41.87	4.28	46.15	74.00	-27.85	peak
3	14020.7526	35.21	15.88	51.09	74.00	-22.91	peak
4	17128.016	35.86	18.69	54.55	74.00	-19.45	peak
		25.16	18.69	43.85	54.00	-10.15	average
5	17613.7017	35.45	19.50	54.95	74.00	-19.05	peak
		26.61	19.50	46.11	54.00	-7.89	average
6	17879.985	34.88	19.67	54.55	74.00	-19.45	peak
		25.26	19.67	44.93	54.00	-9.07	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

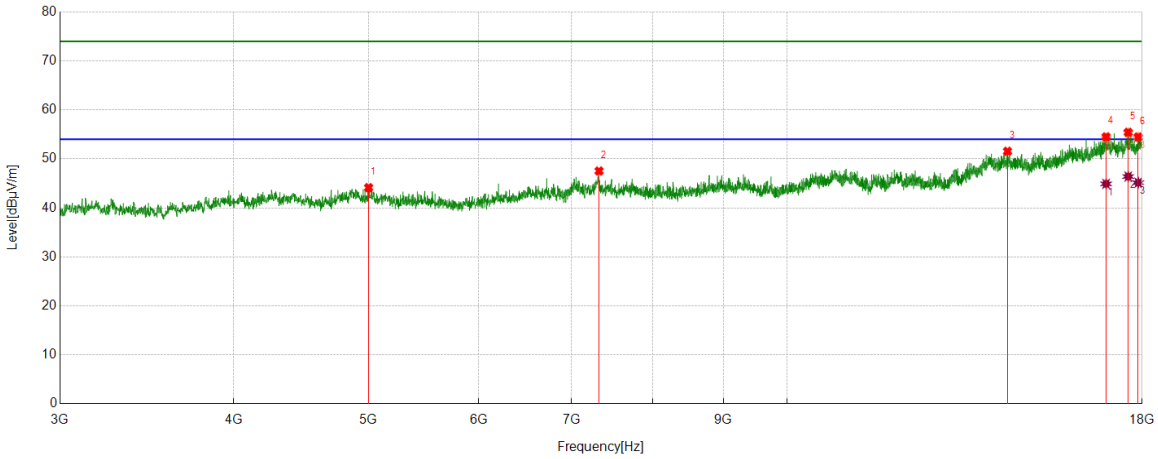
Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	7054.2568	36.70	9.25	45.95	74.00	-28.05	peak
2	10845.9807	35.96	12.13	48.09	74.00	-25.91	peak
3	13968.246	35.34	15.71	51.05	74.00	-22.95	peak
4	17043.6305	35.00	19.60	54.60	74.00	-19.40	peak
		24.63	19.60	44.23	54.00	-9.77	average
5	17566.8209	35.30	19.88	55.18	74.00	-18.82	peak
		26.61	19.88	46.49	54.00	-7.51	average
6	17990.6238	35.93	19.46	55.39	74.00	-18.61	peak
		25.28	19.46	44.74	54.00	-9.26	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

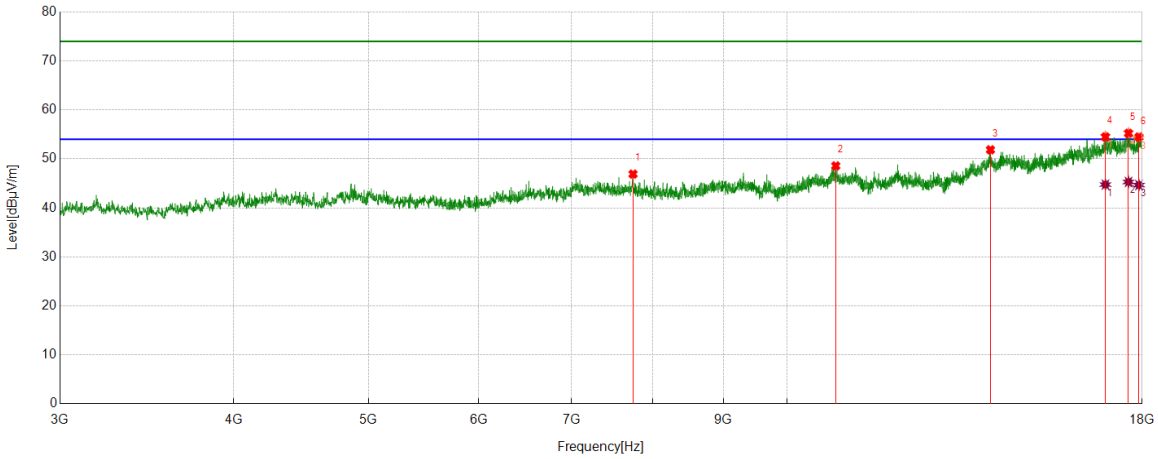
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5000.8751	38.37	5.76	44.13	74.00	-29.87	peak
2	7324.2905	39.03	8.50	47.53	74.00	-26.47	peak
3	14403.3004	35.84	15.71	51.55	74.00	-22.45	peak
4	16957.3697	34.81	19.68	54.49	74.00	-19.51	peak
		25.23	19.68	44.91	54.00	-9.09	average
5	17589.3237	35.67	19.75	55.42	74.00	-18.58	peak
		26.65	19.75	46.40	54.00	-7.60	average
6	17883.7355	34.90	19.57	54.47	74.00	-19.53	peak
		25.58	19.57	45.15	54.00	-8.85	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

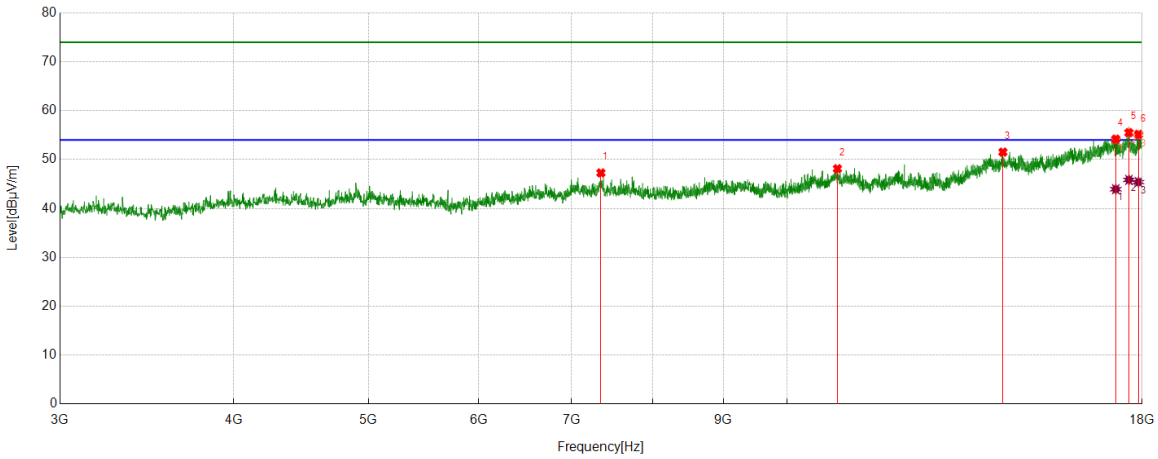
Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	7748.0935	38.34	8.56	46.90	74.00	-27.10	peak
2	10838.4798	36.46	12.12	48.58	74.00	-25.42	peak
3	14002.0002	36.04	15.82	51.86	74.00	-22.14	peak
4	16938.6173	35.16	19.32	54.48	74.00	-19.52	peak
		25.44	19.32	44.76	54.00	-9.24	average
5	17598.6998	35.64	19.57	55.21	74.00	-18.79	peak
		25.73	19.57	45.30	54.00	-8.70	average
6	17906.2383	34.98	19.49	54.47	74.00	-19.53	peak
		25.17	19.49	44.66	54.00	-9.34	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

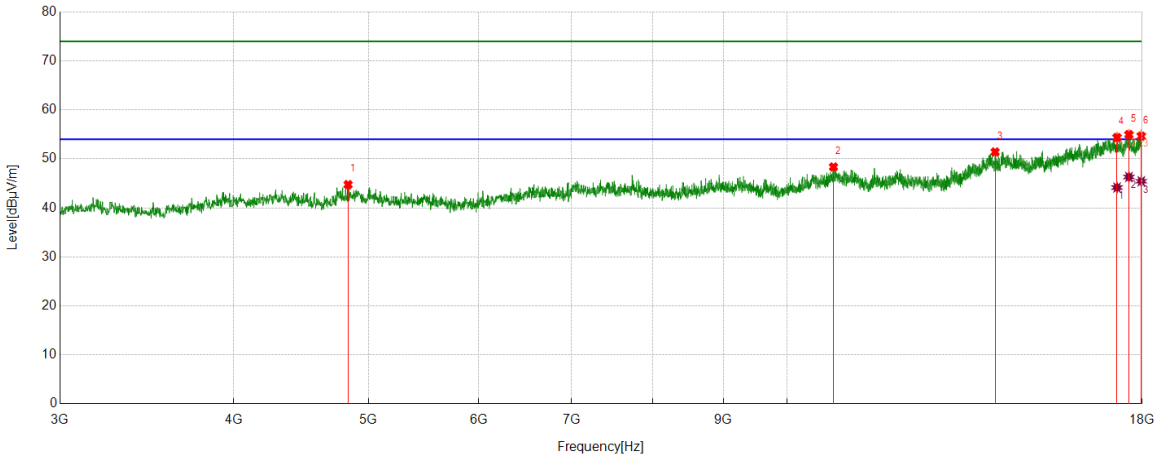
Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	7346.7933	38.81	8.46	47.27	74.00	-26.73	peak
2	10868.4836	36.03	12.10	48.13	74.00	-25.87	peak
3	14294.5368	35.50	16.02	51.52	74.00	-22.48	peak
4	17231.1539	35.71	18.46	54.17	74.00	-19.83	peak
		25.48	18.46	43.94	54.00	-10.06	average
5	17609.9512	35.84	19.65	55.49	74.00	-18.51	peak
		26.20	19.65	45.85	54.00	-8.15	average
6	17893.1116	35.70	19.45	55.15	74.00	-18.85	peak
		25.95	19.45	45.40	54.00	-8.60	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



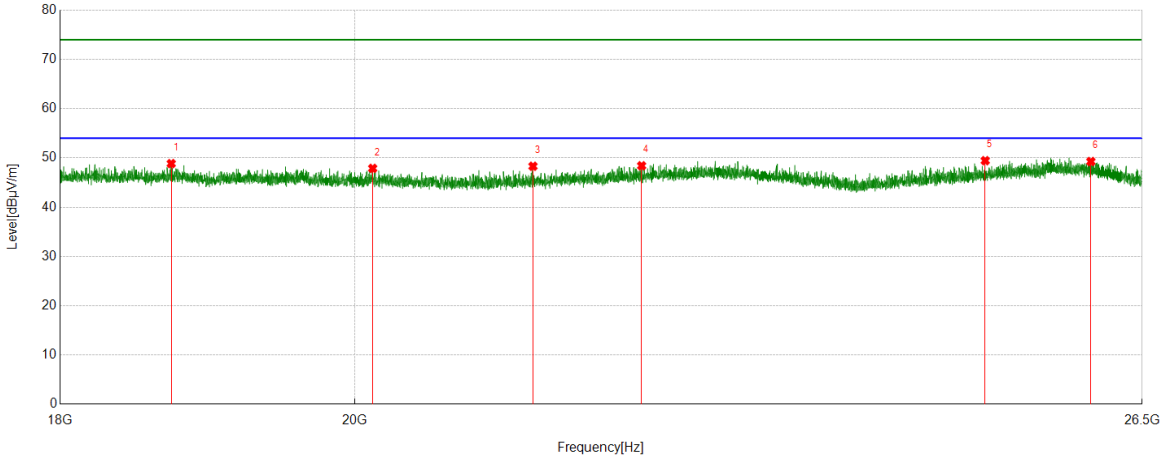
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4833.9792	39.33	5.42	44.75	74.00	-29.25	peak
2	10797.2247	36.31	12.04	48.35	74.00	-25.65	peak
3	14110.7638	35.68	15.73	51.41	74.00	-22.59	peak
4	17266.7833	36.29	18.07	54.36	74.00	-19.64	peak
		26.08	18.07	44.15	54.00	-9.85	average
5	17609.9512	35.31	19.65	54.96	74.00	-19.04	peak
		26.66	19.65	46.31	54.00	-7.69	average
6	17975.622	35.13	19.48	54.61	74.00	-19.39	peak
		25.96	19.48	45.44	54.00	-8.56	average

Note: 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 7.2.
6. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was 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.

Part III: 18GHz~26.5GHz

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

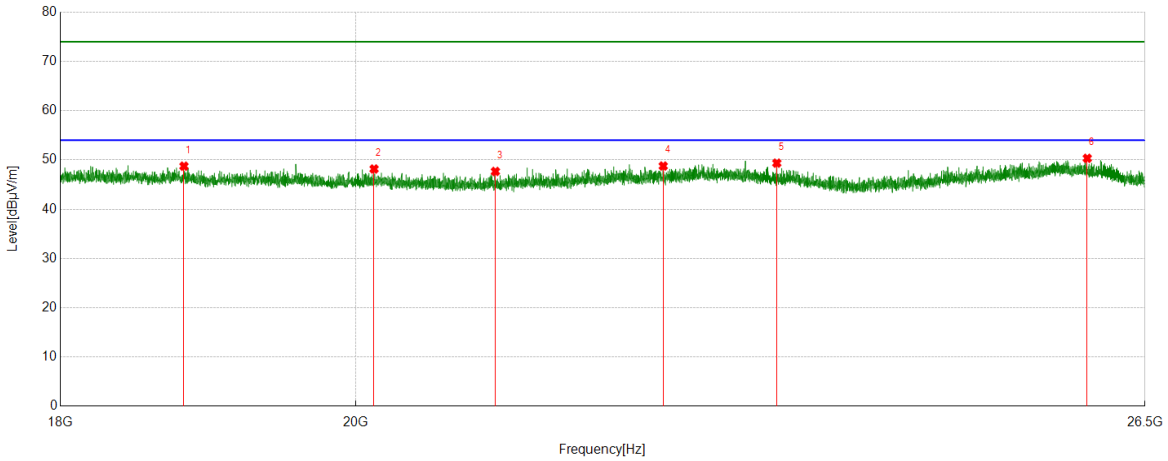
Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	18730.223	49.86	-1.01	48.85	74.00	-25.15	peak
2	20128.6129	48.44	-0.56	47.88	74.00	-26.12	peak
3	21315.3315	49.00	-0.69	48.31	74.00	-25.69	peak
4	22159.4659	48.05	0.36	48.41	74.00	-25.59	peak
5	25054.8555	49.33	0.11	49.44	74.00	-24.56	peak
6	26018.8519	47.64	1.63	49.27	74.00	-24.73	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.

Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



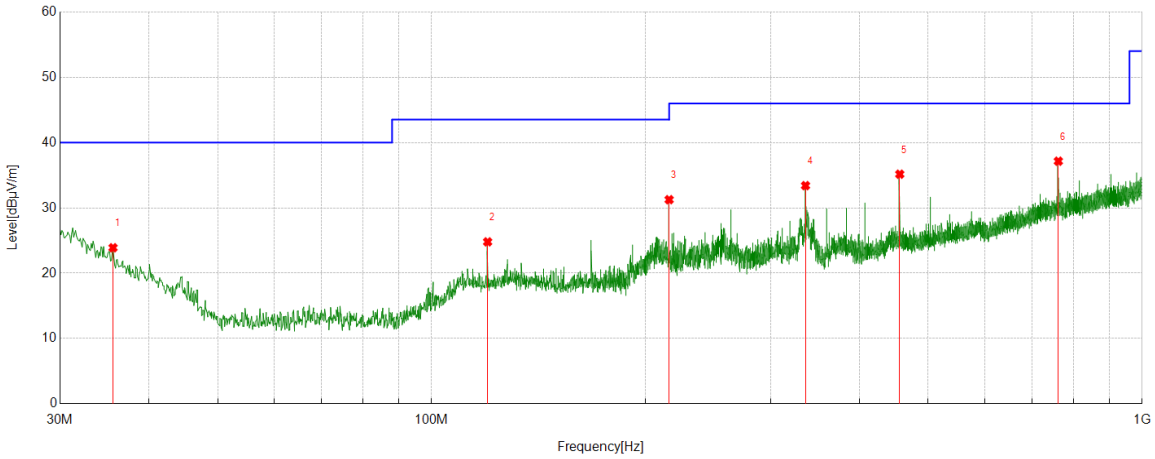
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18811.8312	49.79	-1.06	48.73	74.00	-25.27	peak
2	20131.1631	48.72	-0.56	48.16	74.00	-25.84	peak
3	21021.2021	48.65	-0.99	47.66	74.00	-26.34	peak
4	22317.5818	48.20	0.56	48.76	74.00	-25.24	peak
5	23239.924	48.75	0.60	49.35	74.00	-24.65	peak
6	25960.196	48.73	1.60	50.33	74.00	-23.67	peak

Note: 1.If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.

Part IV: 30MHz~1GHz

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

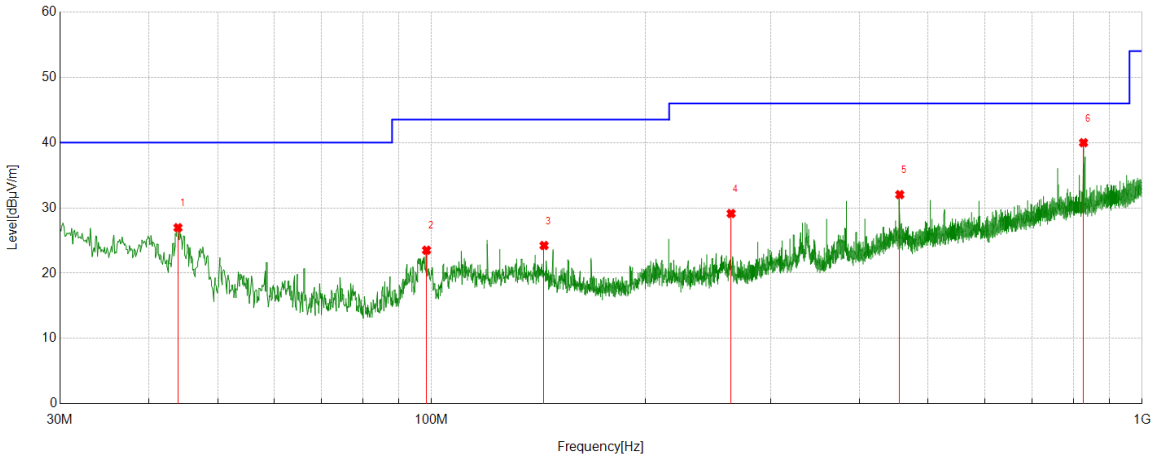
Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	35.6266	0.02	23.88	23.90	40.00	-16.10	peak
2	119.928	4.26	20.54	24.80	43.50	-18.70	peak
3	215.9676	11.39	19.87	31.26	43.50	-12.24	peak
4	335.9686	11.47	21.94	33.41	46.00	-12.59	peak
5	455.9696	9.74	25.42	35.16	46.00	-10.84	peak
6	762.2292	6.82	30.33	37.15	46.00	-8.85	peak

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.

Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS



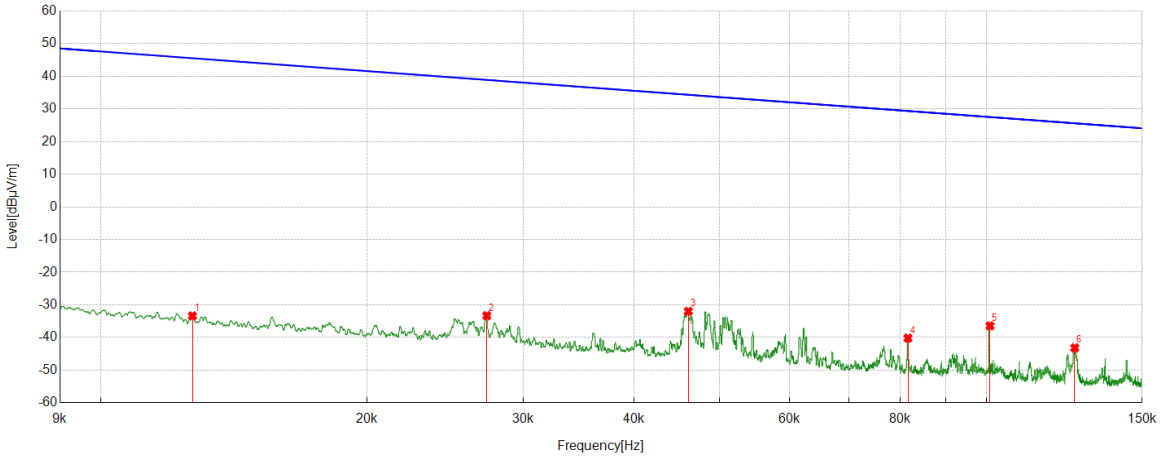
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	43.9694	8.57	18.40	26.97	40.00	-13.03	peak
2	98.3918	6.79	16.73	23.52	43.50	-19.98	peak
3	143.9864	4.03	20.21	24.24	43.50	-19.26	peak
4	263.9874	9.12	20.02	29.14	46.00	-16.86	peak
5	455.9696	6.61	25.42	32.03	46.00	-13.97	peak
6	827.0317	9.00	30.98	39.98	46.00	-6.02	peak

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.

Part V: 9KHz~30MHz

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

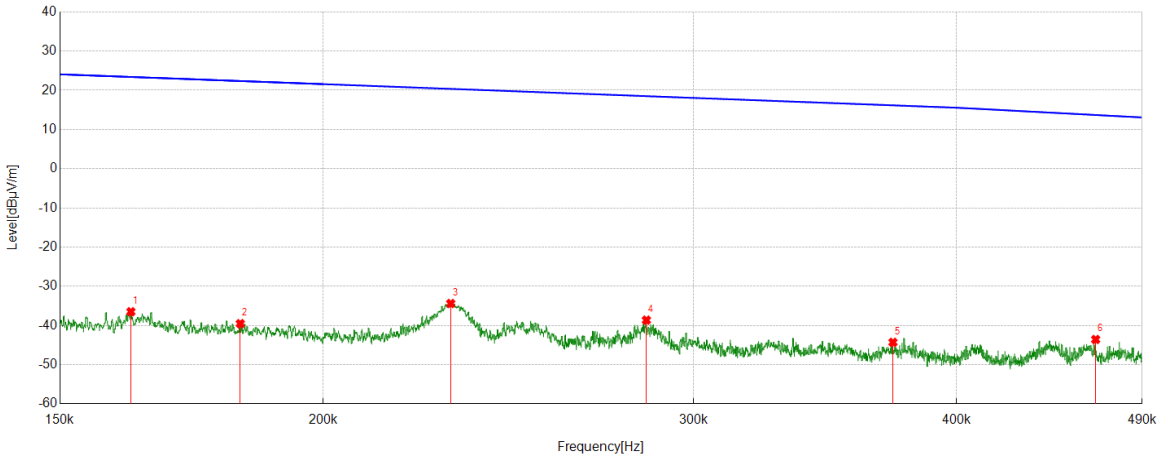
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	9KHz~150KHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0127	28.57	-61.96	-33.39	45.55	-78.94	peak
2	0.0273	28.51	-61.82	-33.31	38.89	-72.20	peak
3	0.0461	29.81	-61.79	-31.98	34.34	-66.32	peak
4	0.0816	21.71	-61.89	-40.18	29.37	-69.55	peak
5	0.101	25.47	-61.89	-36.42	27.52	-63.94	peak
6	0.1259	18.75	-61.90	-43.15	25.61	-68.76	peak

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

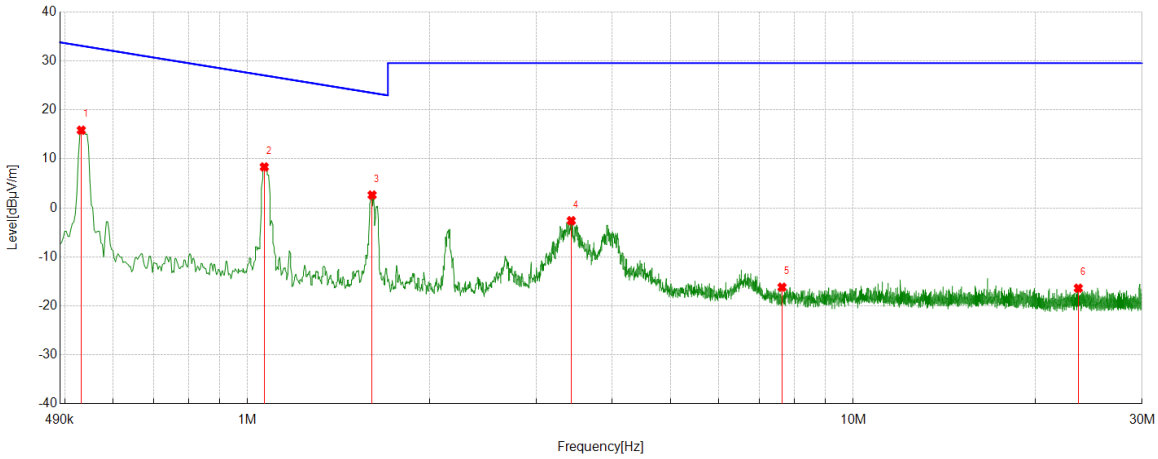
Test Mode	Channel	Frequency Range	Verdict
11B	MCH	150KHz~490Hz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1621	25.42	-61.91	-36.49	23.41	-59.90	peak
2	0.1827	22.39	-61.92	-39.53	22.37	-61.90	peak
3	0.23	27.54	-61.93	-34.39	20.37	-54.76	peak
4	0.2849	23.32	-61.96	-38.64	18.51	-57.15	peak
5	0.3731	17.67	-61.97	-44.30	16.17	-60.47	peak
6	0.4657	18.39	-61.96	-43.57	13.70	-57.27	peak

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

Test Mode	Channel	Frequency Range	Verdict
11B	MCH	490KHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.5313	37.80	-21.95	15.85	33.10	-17.25	peak
2	1.0655	30.28	-21.92	8.36	27.05	-18.69	peak
3	1.6056	24.53	-21.90	2.63	23.49	-20.86	peak
4	3.4236	19.21	-21.83	-2.62	29.54	-32.16	peak
5	7.6292	5.54	-21.73	-16.19	29.54	-45.73	peak
6	23.5337	5.22	-21.61	-16.39	29.54	-45.93	peak

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

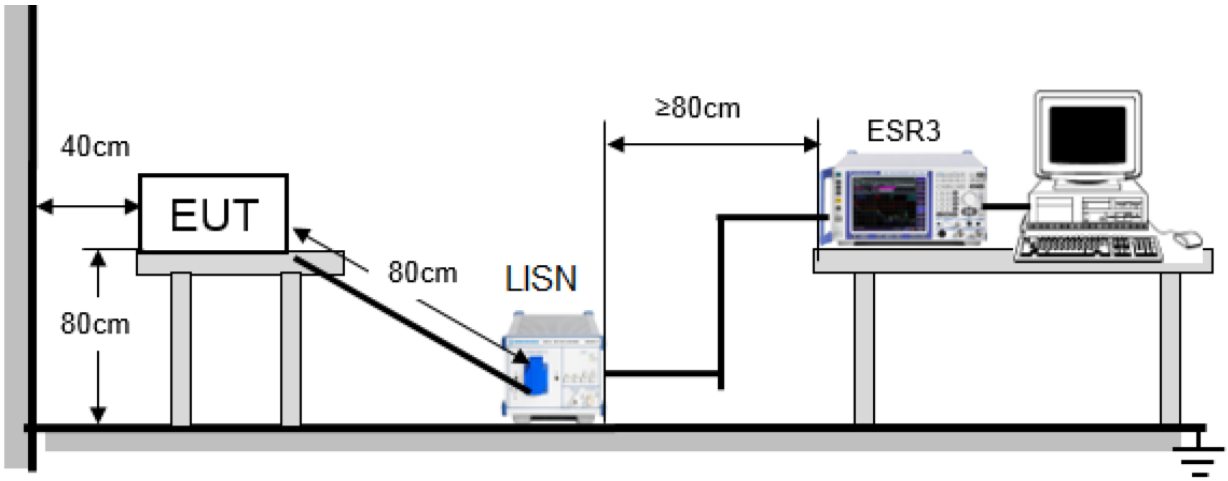
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Limit (dBuV)
	Quasi-peak
0.15 -0.5	66 - 56 *
0.50 -5.0	56.00
5.0 -30.0	60.00

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.

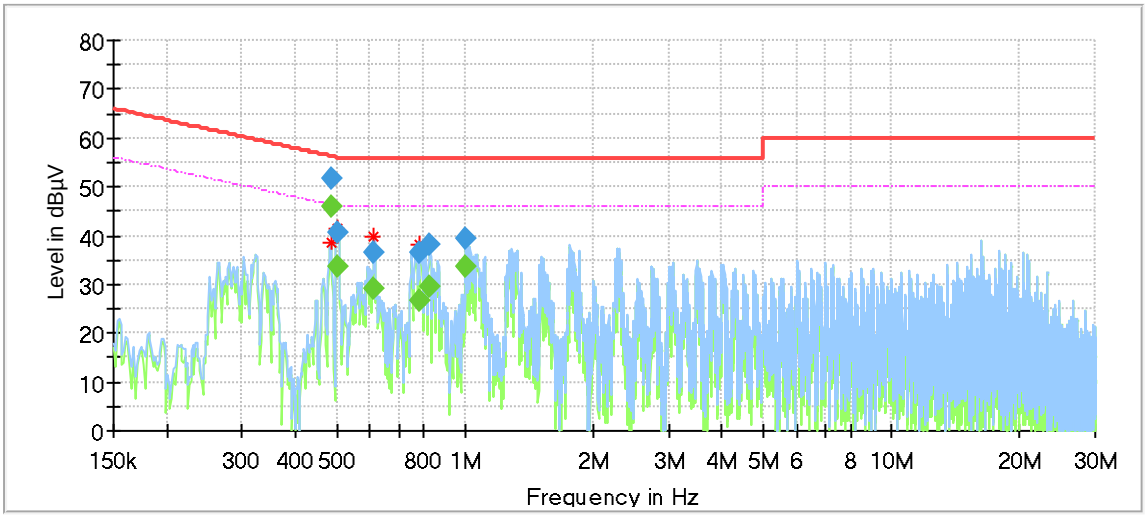
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests
Relative Humidity	60.7%
Atmospheric Pressure:	101kPa
Temperature	20.8°C

TEST RESULTS (WORST CASE CONFIGURATION)

For L Line:

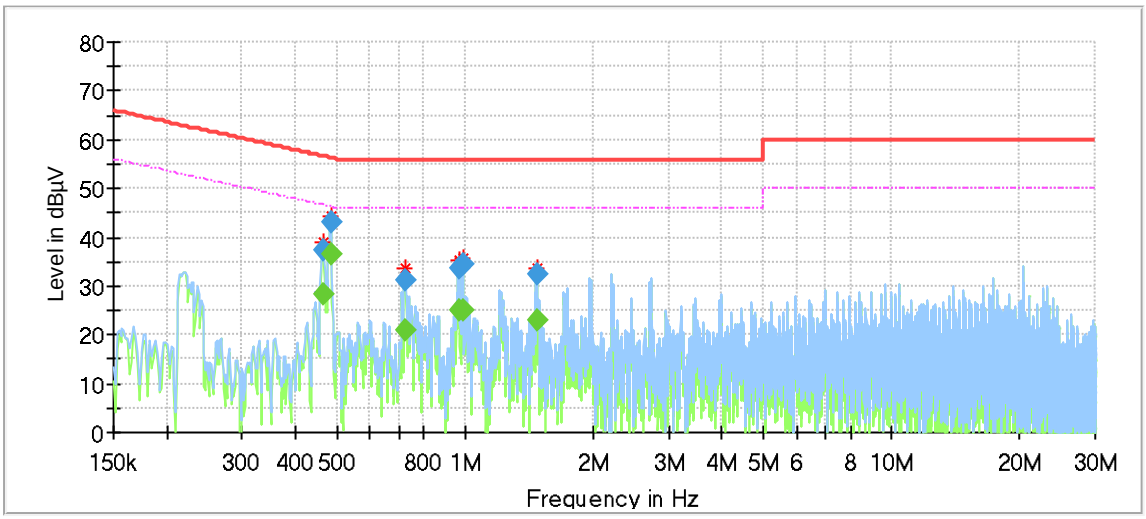


Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.484320	---	46.07	46.27	0.20	1000.0	9.000	L1	OFF	9.7
0.484320	51.55	---	56.27	4.72	1000.0	9.000	L1	OFF	9.7
0.503723	---	33.80	46.00	12.20	1000.0	9.000	L1	OFF	9.7
0.503723	40.80	---	56.00	15.20	1000.0	9.000	L1	OFF	9.7
0.612675	---	29.07	46.00	16.93	1000.0	9.000	L1	OFF	9.4
0.612675	36.40	---	56.00	19.60	1000.0	9.000	L1	OFF	9.4
0.784313	36.46	---	56.00	19.54	1000.0	9.000	L1	OFF	9.6
0.784313	---	26.76	46.00	19.24	1000.0	9.000	L1	OFF	9.6
0.826103	37.95	---	56.00	18.05	1000.0	9.000	L1	OFF	9.6
0.826103	---	29.71	46.00	16.29	1000.0	9.000	L1	OFF	9.6
1.006695	---	33.80	46.00	12.20	1000.0	9.000	L1	OFF	9.5
1.006695	39.27	---	56.00	16.73	1000.0	9.000	L1	OFF	9.5

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
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 LCH of 11B mode which is the worst case, so only the worst case is included in this test report.

For N Line:



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.463425	---	28.51	46.63	18.12	1000.0	9.000	N	OFF	9.6
0.464918	37.38	---	56.60	19.22	1000.0	9.000	N	OFF	9.6
0.484320	---	36.62	46.27	9.64	1000.0	9.000	N	OFF	9.6
0.484320	43.08	---	56.27	13.19	1000.0	9.000	N	OFF	9.6
0.726105	---	21.10	46.00	24.90	1000.0	9.000	N	OFF	9.7
0.726105	31.22	---	56.00	24.78	1000.0	9.000	N	OFF	9.7
0.967890	33.48	---	56.00	22.52	1000.0	9.000	N	OFF	9.5
0.967890	---	25.13	46.00	20.87	1000.0	9.000	N	OFF	9.5
0.987293	34.27	---	56.00	21.73	1000.0	9.000	N	OFF	9.6
0.987293	---	25.22	46.00	20.78	1000.0	9.000	N	OFF	9.6
1.472355	---	23.02	46.00	22.98	1000.0	9.000	N	OFF	9.6
1.472355	32.33	---	56.00	23.67	1000.0	9.000	N	OFF	9.6

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
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 LCH of 11B mode swhich is the worst case, so only the worst case is included in this test report.

9. 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 §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, 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 (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

ANTENNA CONNECTOR

EUT has a EUT with one Monopole Antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT