

Report No.: HR/2018/9003201 Page: 1 of 40

Appendix B

WCDMA BAND II & IV & V



Report No.: HR/2018/9003201 Page: 2 of 40

CONTENT

1.	Effective (Isotropic) Radiated Power Output Data	4
	1.1. Test Result	4
2.	PEAK-TO-AVERAGE RATIO	5
	2.1. Test Result	5
	2.2. Test Plots	5
3.	Modulation Characteristics	9
	3.1. For WCDMA	9
	3.1.1. Test BAND = WCDMA BAND II	9
	3.1.1.1. Test Mode = UMTS/TM1	9
	3.1.1.1.1. Test Channel = MCH	9
	3.1.2. Test BAND = WCDMA BAND IV	10
	3.1.2.1. Test Mode = UMTS/TM1	10
	3.1.2.1.1. Test Channel = MCH	10
	3.1.3. Test BAND = WCDMA BAND V	10
	3.1.3.1. Test Mode = UMTS /TM1	10
	3.1.3.1.1. Test Channel = MCH	10
4.	26dB Bandwidth and Occupied Bandwidth	11
	4.1. Test Result	11
	4.2. Test Plots	11
5.	BAND EDGE COMPLIANCE	15
	5.1. Test Plots	15
6.	Spurious Emission at Antenna Terminal	18
	6.1. Test Plots	18
7.	Field Strength of Spurious Radiation	35
	7.1. For WCDMA	35
	7.1.1. Test Band = WCDMA BAND II	35
	7.1.1.1. Test Mode = UMTS/TM1	35
	7.1.1.1.1. Test Channel = LCH	35
	7.1.1.1.2. Test Channel = MCH	35
	7.1.1.1.3. Test Channel = HCH	35
	7.1.2. Test Band = WCDMA BAND IV	36
	7.1.2.1. Test Mode = UMTS/TM1	36
	7.1.2.1.1. Test Channel = LCH	36
	7.1.2.1.2. Test Channel = MCH	36



Report No.: HR/2018/9003201 Page: 3 of 40

	7.1.2.	.1.3. Test Channel = HCH	
	7.1.3.	. Test Band = WCDMA BAND V	
	7.1.3.	.1. Test Mode = UMTS/TM1	
	7.1.3.	.1.1. Test Channel = LCH	
	7.1.3.	.1.2. Test Channel = MCH	
	7.1.3.	.1.3. Test Channel = HCH	
8.	Freq	QUENCY STABILITY	
	8.1.	Frequency Vs Voltage	
	8.2.	Frequency Vs Temperature	



Report No.: HR/2018/9003201 Page: 4 of 40

1. Effective (Isotropic) Radiated Power Output Data

1.1.Test Result

BAND	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band II	9262	23.41	23.54	33.00	PASS
Band II	9400	23.42	23.55	33.00	PASS
Band II	9538	23.56	23.69	33.00	PASS
Band IV	1312	23.30	22.84	30.00	PASS
Band IV	1413	23.30	22.84	30.00	PASS
Band IV	1513	23.24	22.78	30.00	PASS

BAND	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band V	4132	23.46	19.41	38.45	PASS
Band V	4182	23.51	19.46	38.45	PASS
Band V	4233	23.50	19.45	38.45	PASS

Remark:

a: For getting the ERP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

ERP [dBm] = SGP [dBm] – Cable Loss [dB] + Gain [dBd] b: SGP=Signal Generator Level



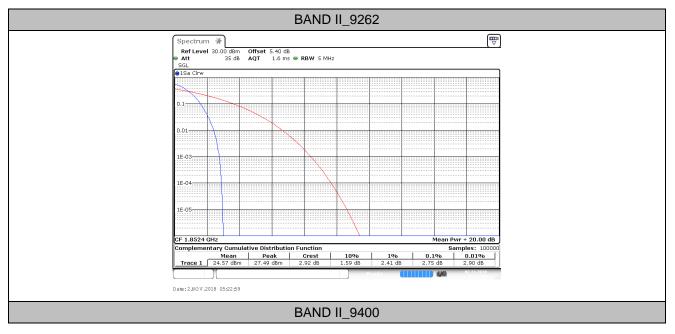
Report No.: HR/2018/9003201 Page: 5 of 40

2. Peak-to-Average Ratio

2.1.Test Result

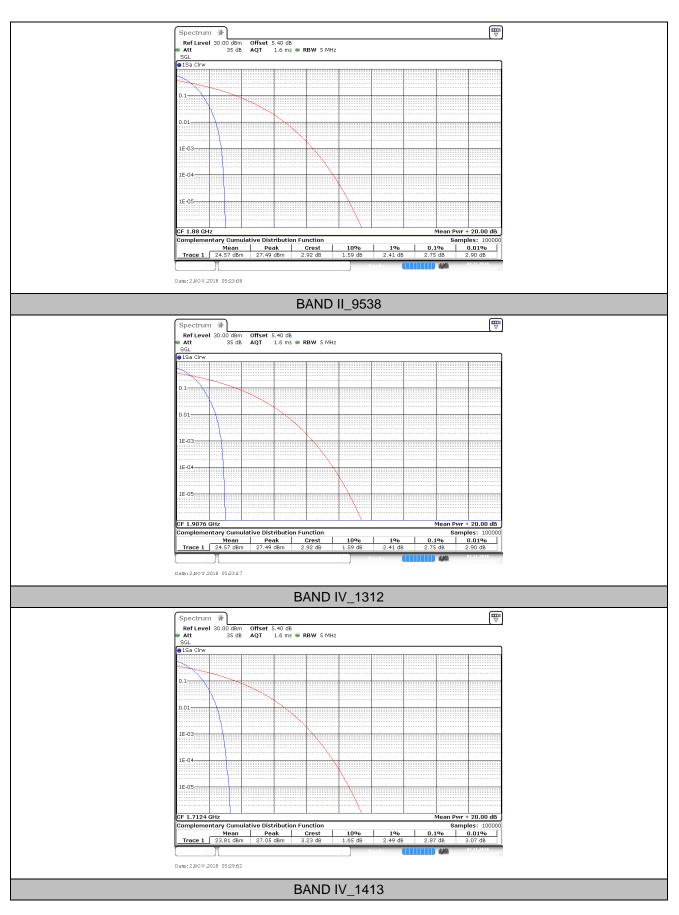
BAND	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band II	9262	2.75	13	PASS
Band II	9400	2.75	13	PASS
Band II	9538	2.75	13	PASS
Band IV	1312	2.87	13	PASS
Band IV	1413	2.87	13	PASS
Band IV	1513	2.87	13	PASS
Band V	4132	2.78	13	PASS
Band V	4182	2.78	13	PASS
Band V	4233	2.78	13	PASS

2.2. Test Plots



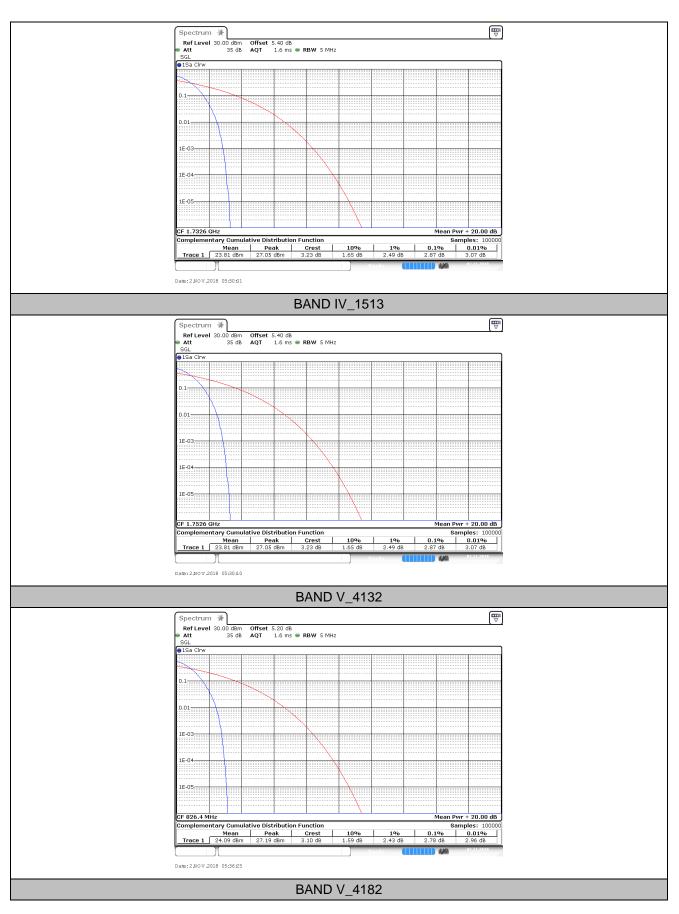


Report No.: HR/2018/9003201 Page: 6 of 40



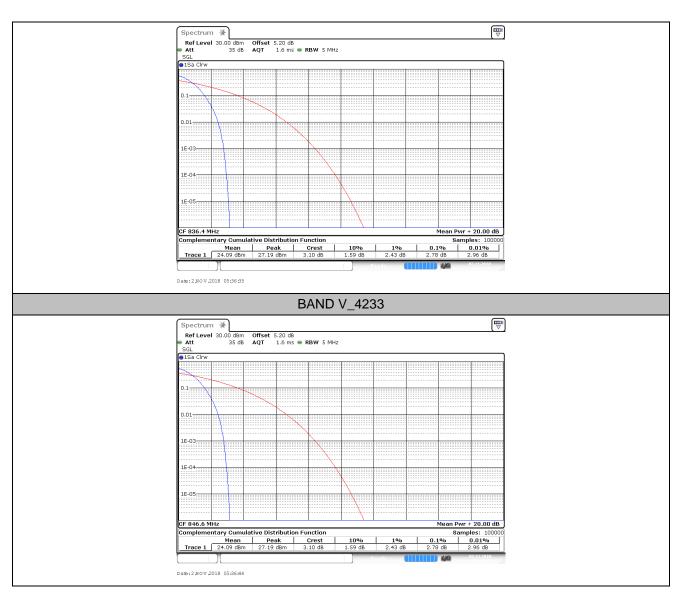


Report No.: HR/2018/9003201 Page: 7 of 40





Report No.: HR/2018/9003201 Page: 8 of 40



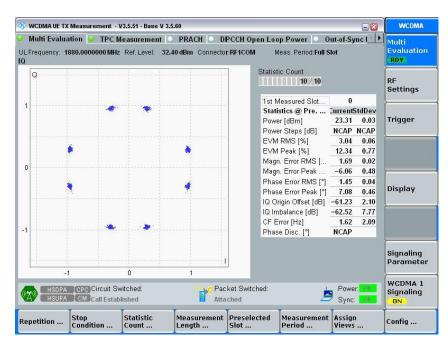




Report No.: HR/2018/9003201 Page: 9 of 40

- 3. Modulation Characteristics
- 3.1. For WCDMA
- 3.1.1. Test BAND = WCDMA BAND II
- 3.1.1.1. Test Mode = UMTS/TM1

3.1.1.1.1. Test Channel = MCH

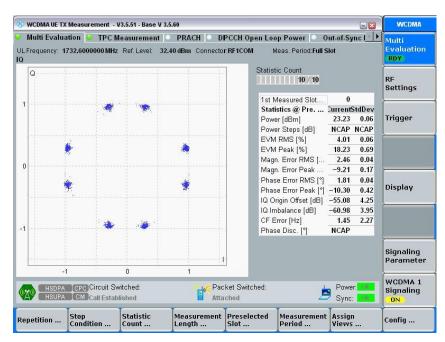


Report No.: HR/2018/9003201 Page: 10 of 40

3.1.2. Test BAND = WCDMA BAND IV

3.1.2.1. Test Mode = UMTS/TM1

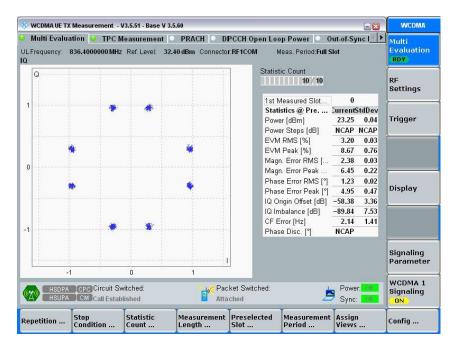
3.1.2.1.1. Test Channel = MCH



3.1.3. Test BAND = WCDMA BAND V

3.1.3.1. Test Mode = UMTS /TM1

3.1.3.1.1. Test Channel = MCH





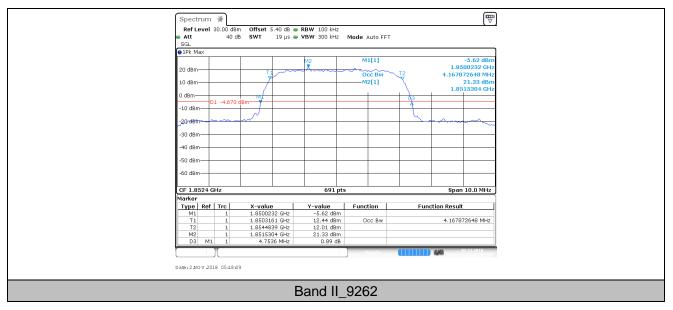
Report No.: HR/2018/9003201 Page: 11 of 40

4. 26dB Bandwidth and Occupied Bandwidth

4.1.Test Result

BAND	Channel	Occupied Bandwidth	26dB Bandwidth		Verdict
DAND		(kHz)	(kHz)	Limit(kHz)	
Band II	9262	4167.9	4754		PASS
Band II	9400	4167.9	4754		PASS
Band II	9538	4167.9	4768		PASS
Band IV	1312	4167.9	4754		PASS
Band IV	1413	4153.4	4725		PASS
Band IV	1513	4167.9	4739		PASS
Band V	4132	4167.9	4739		PASS
Band V	4182	4167.9	4754		PASS
Band V	4233	4153.4	4739		PASS

4.2. Test Plots





Report No.: HR/2018/9003201 Page: 12 of 40



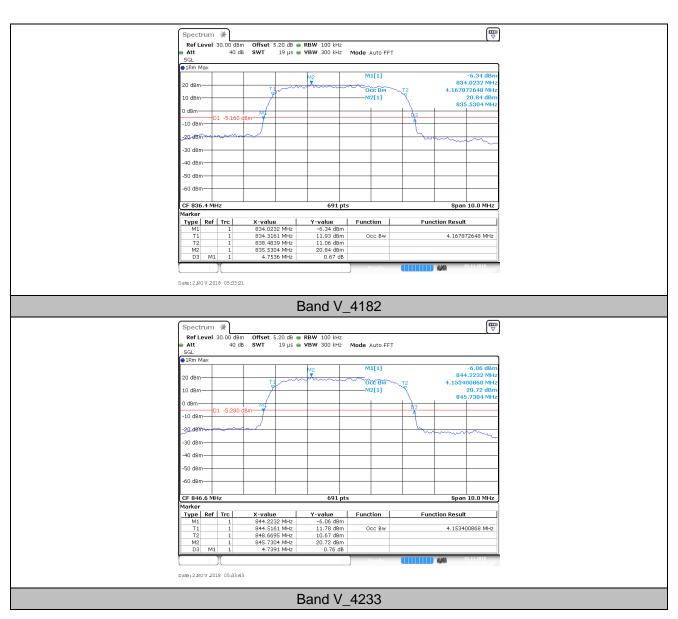


Report No.: HR/2018/9003201 Page: 13 of 40





Report No.: HR/2018/9003201 Page: 14 of 40

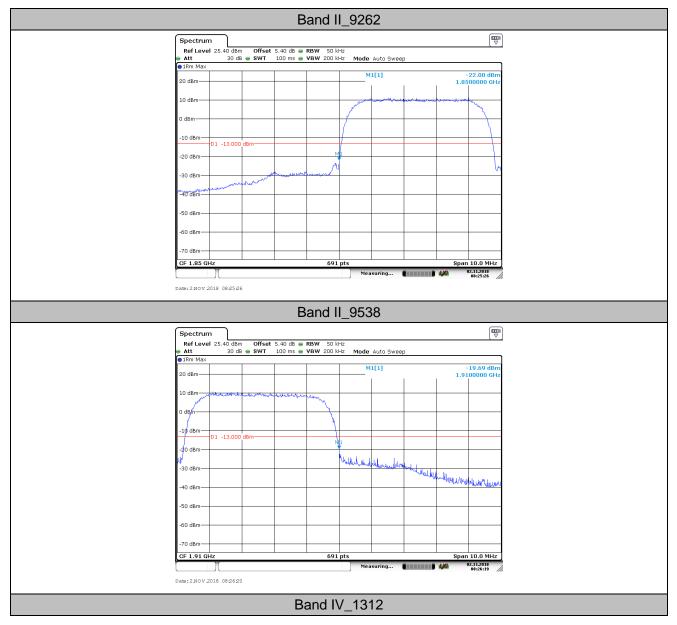




Report No.: HR/2018/9003201 Page: 15 of 40

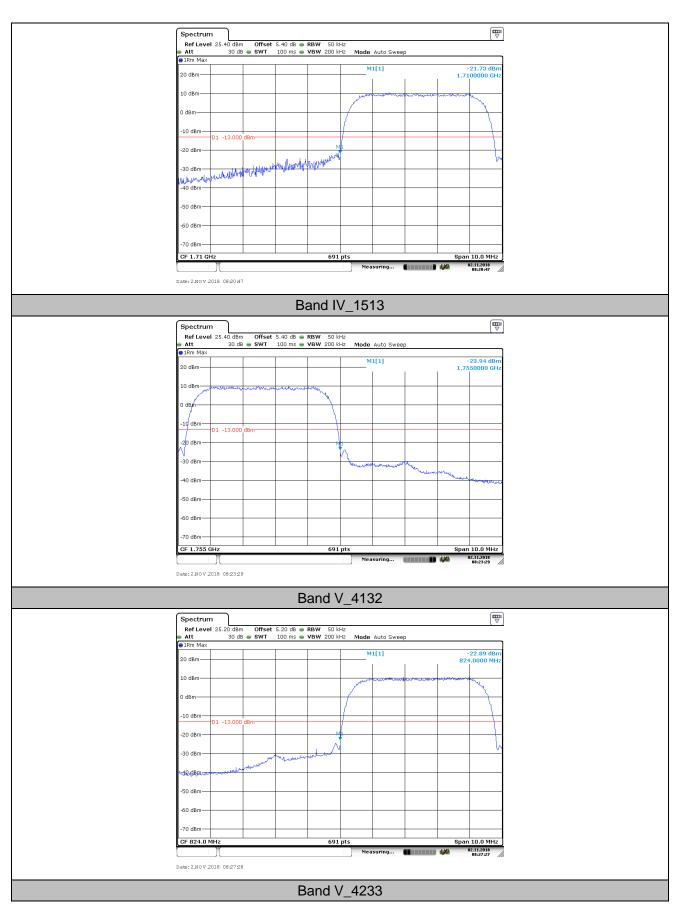
5. Band Edge Compliance

5.1.Test Plots



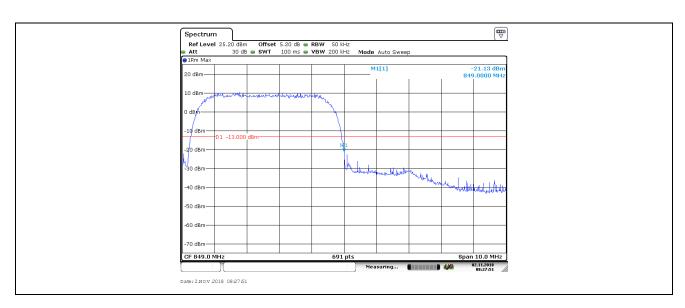


Report No.: HR/2018/9003201 Page: 16 of 40





Report No.: HR/2018/9003201 Page: 17 of 40



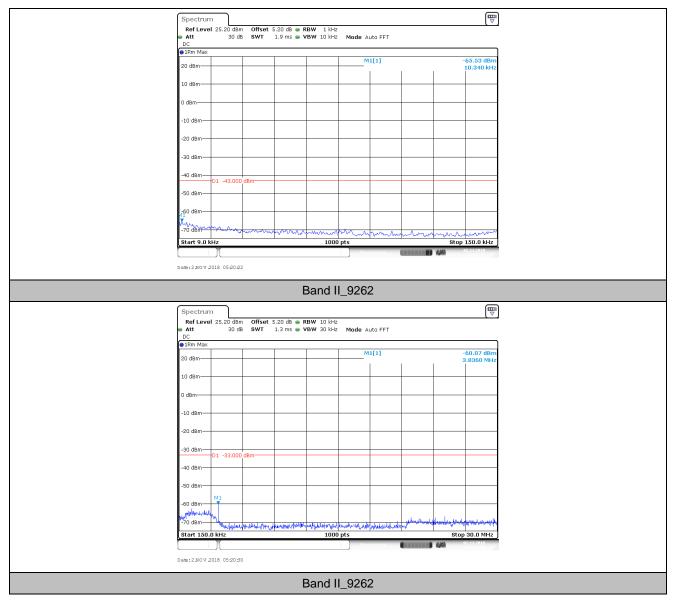
Report No.: HR/2018/9003201 Page: 18 of 40

6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

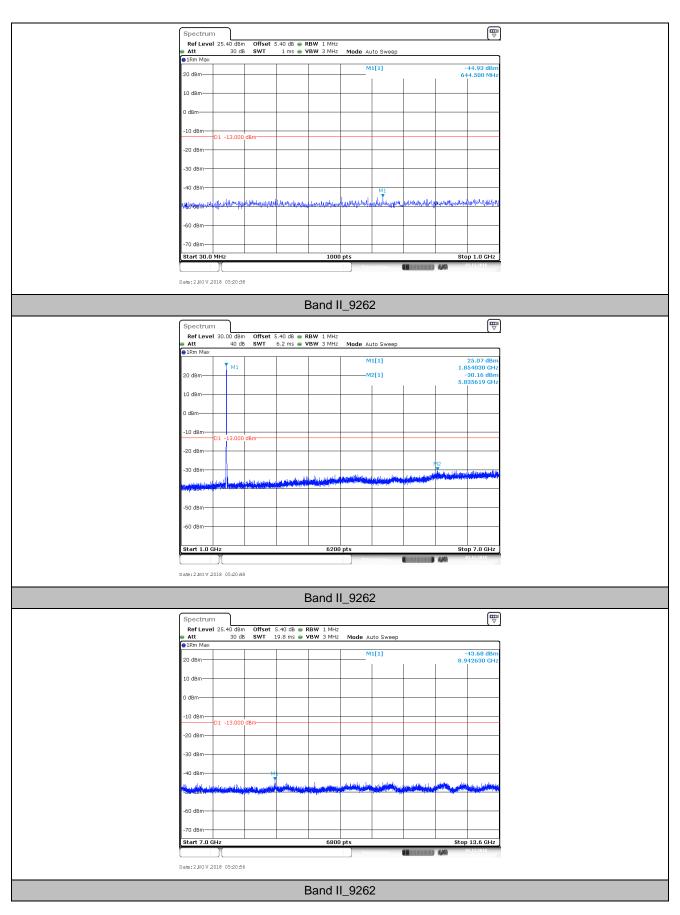
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



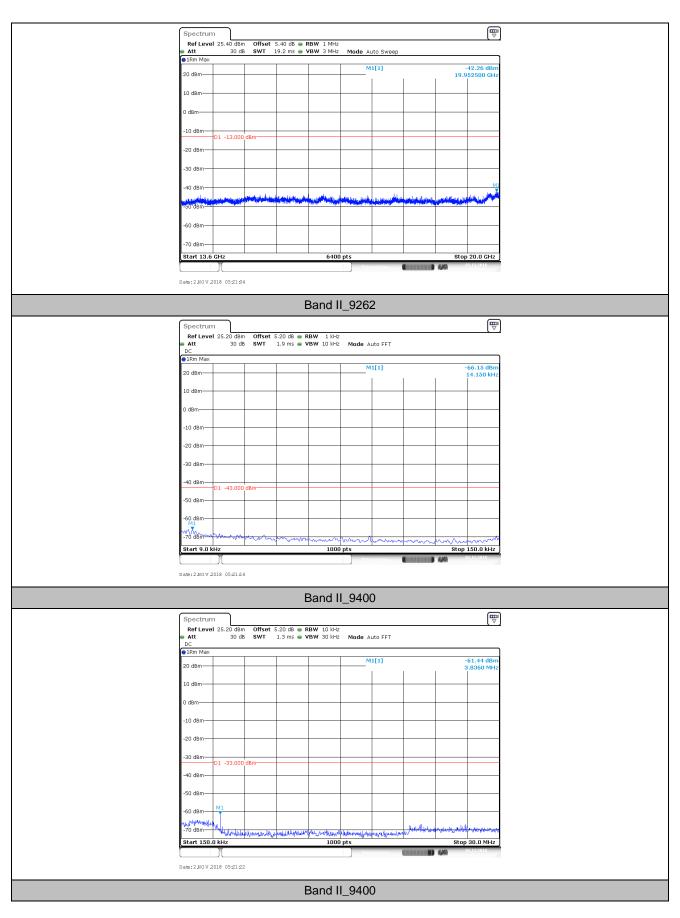


Report No.: HR/2018/9003201 Page: 19 of 40



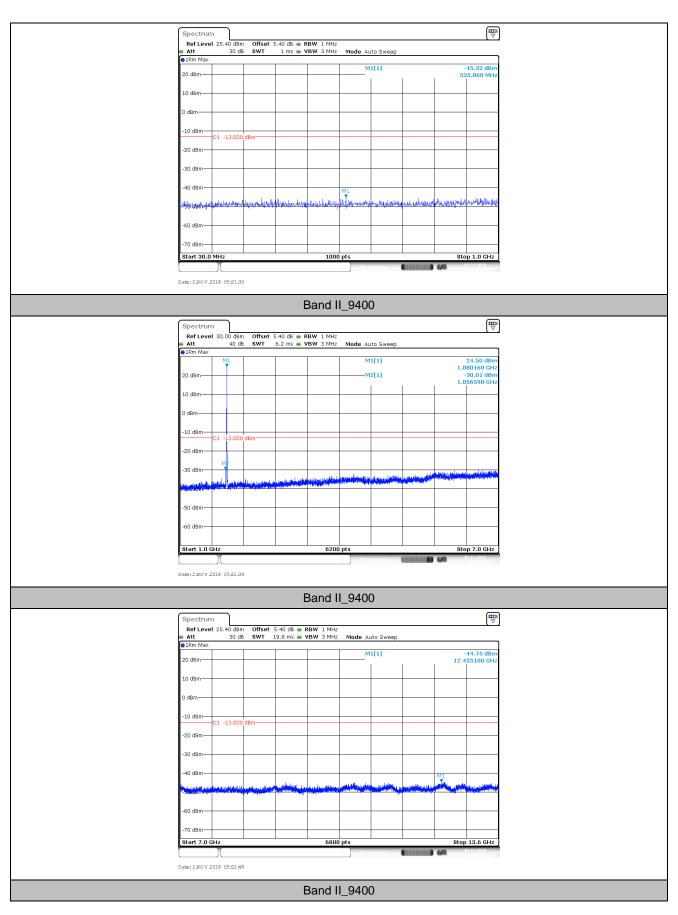


Report No.: HR/2018/9003201 Page: 20 of 40



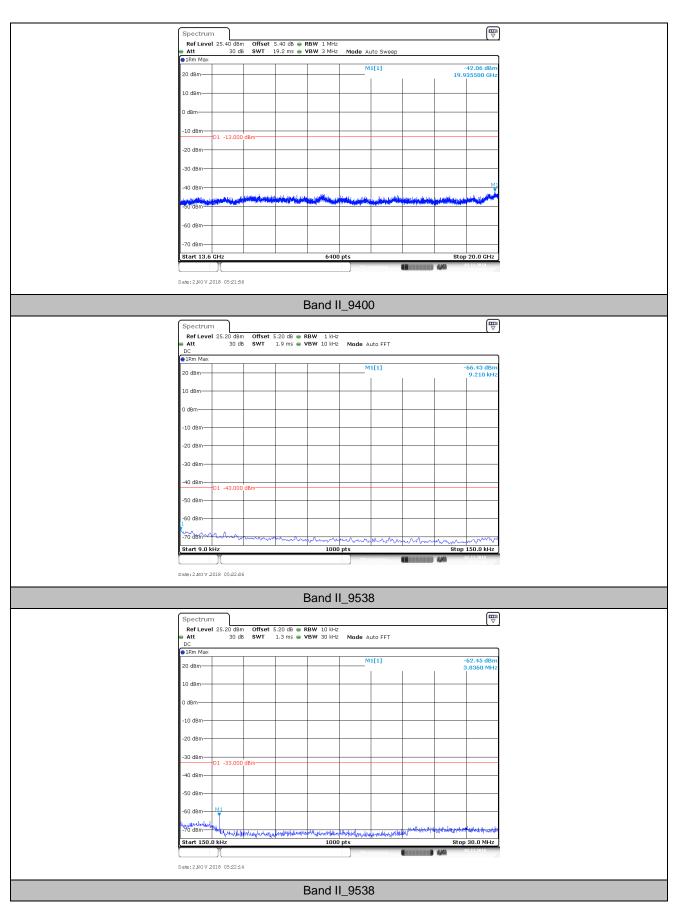


Report No.: HR/2018/9003201 Page: 21 of 40



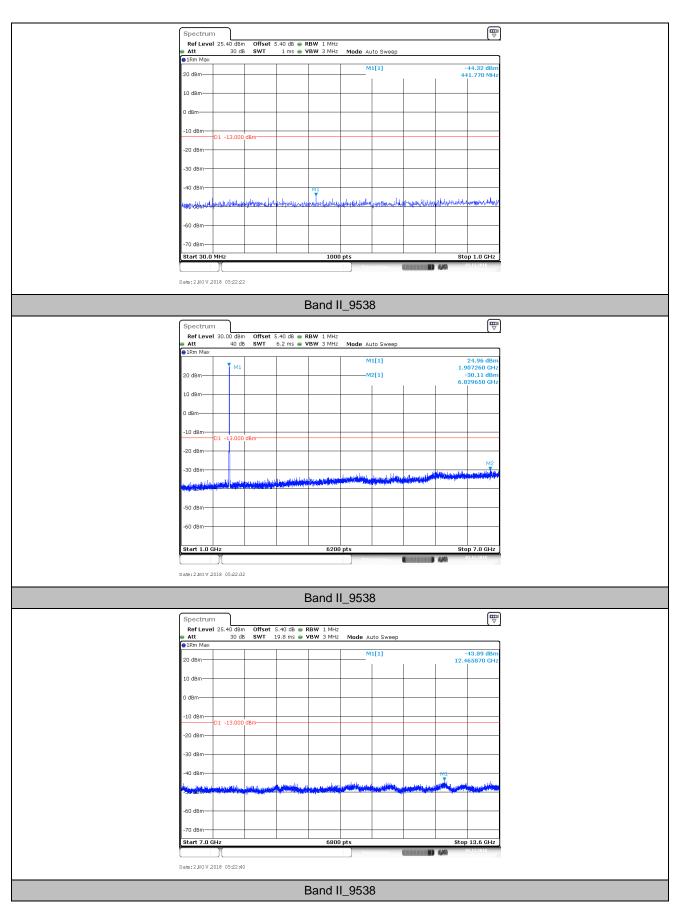


Report No.: HR/2018/9003201 Page: 22 of 40



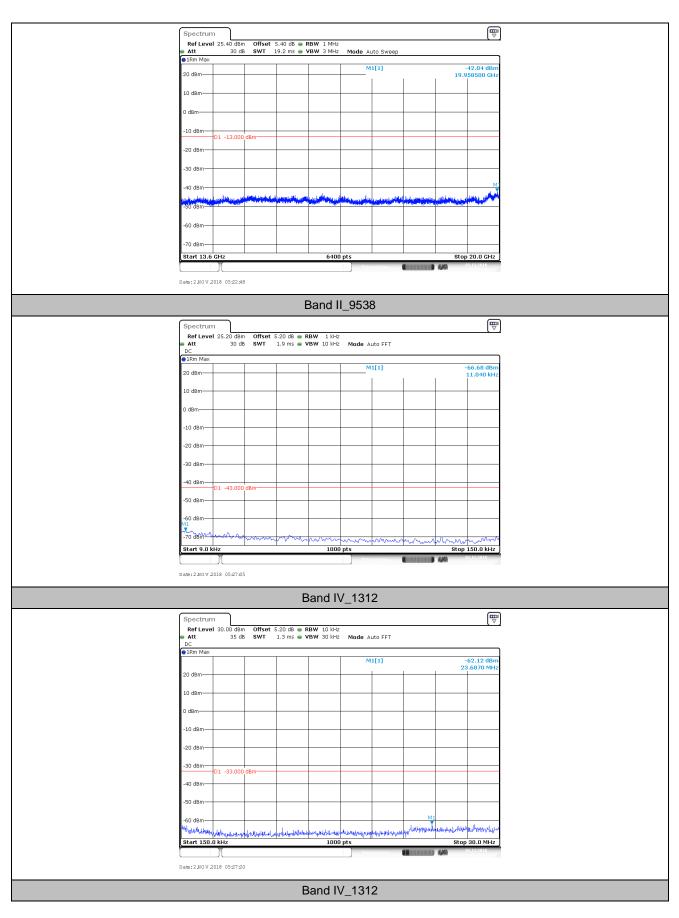


Report No.: HR/2018/9003201 Page: 23 of 40



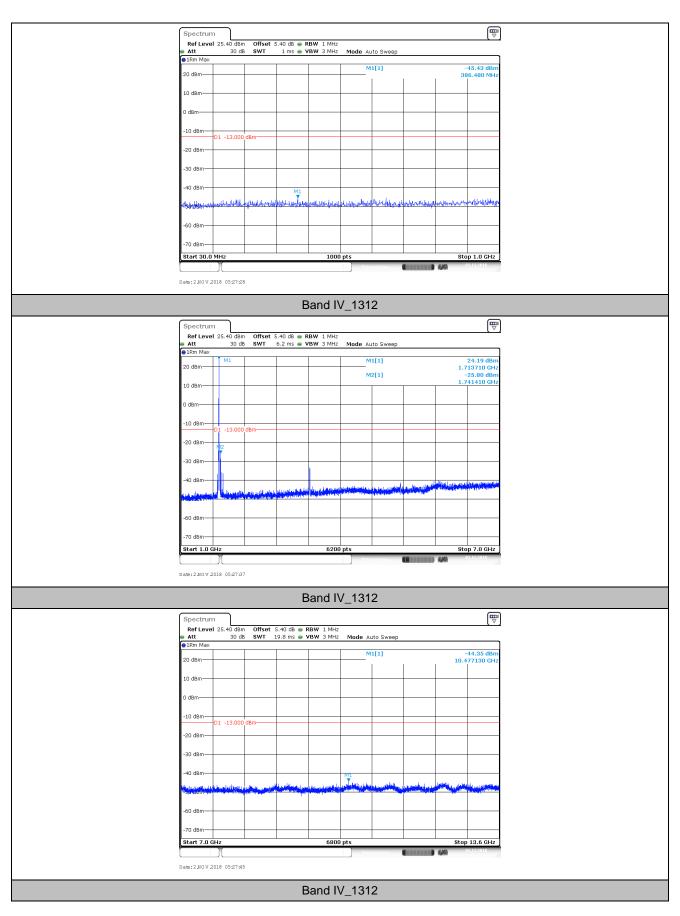


Report No.: HR/2018/9003201 Page: 24 of 40



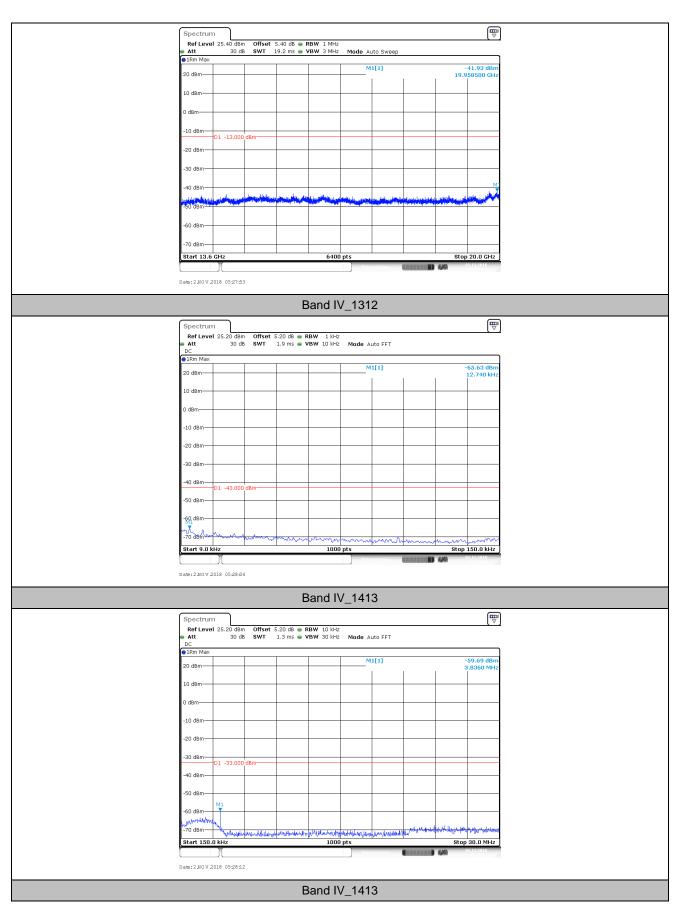


Report No.: HR/2018/9003201 Page: 25 of 40



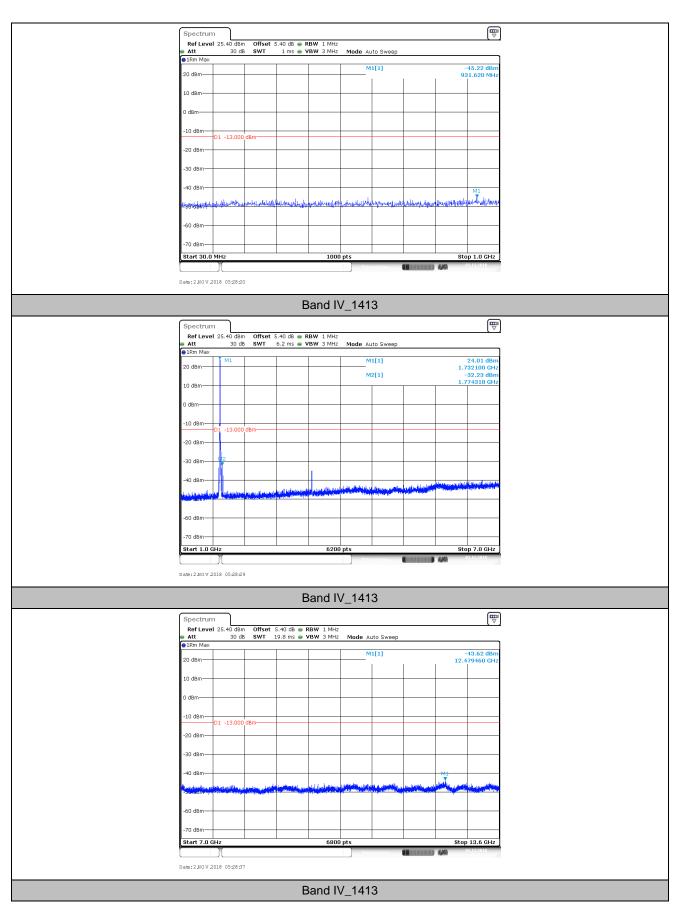


Report No.: HR/2018/9003201 Page: 26 of 40



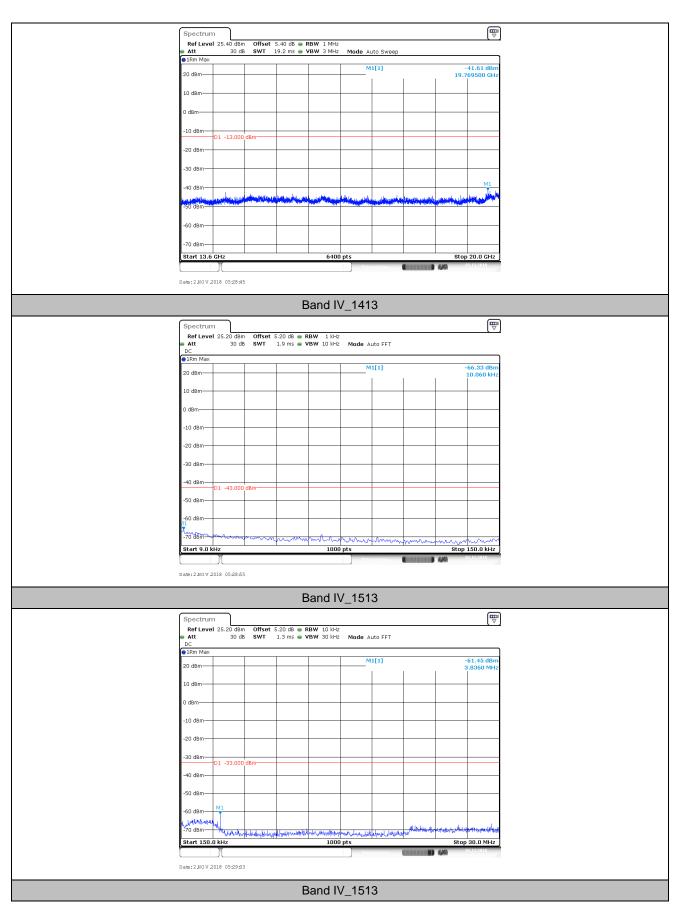


Report No.: HR/2018/9003201 Page: 27 of 40



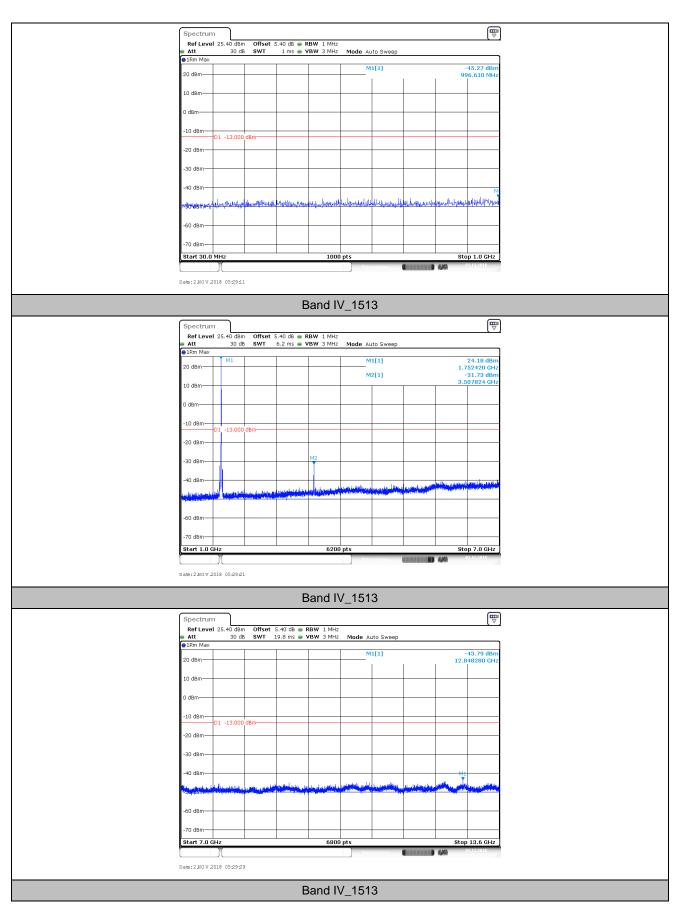


Report No.: HR/2018/9003201 Page: 28 of 40



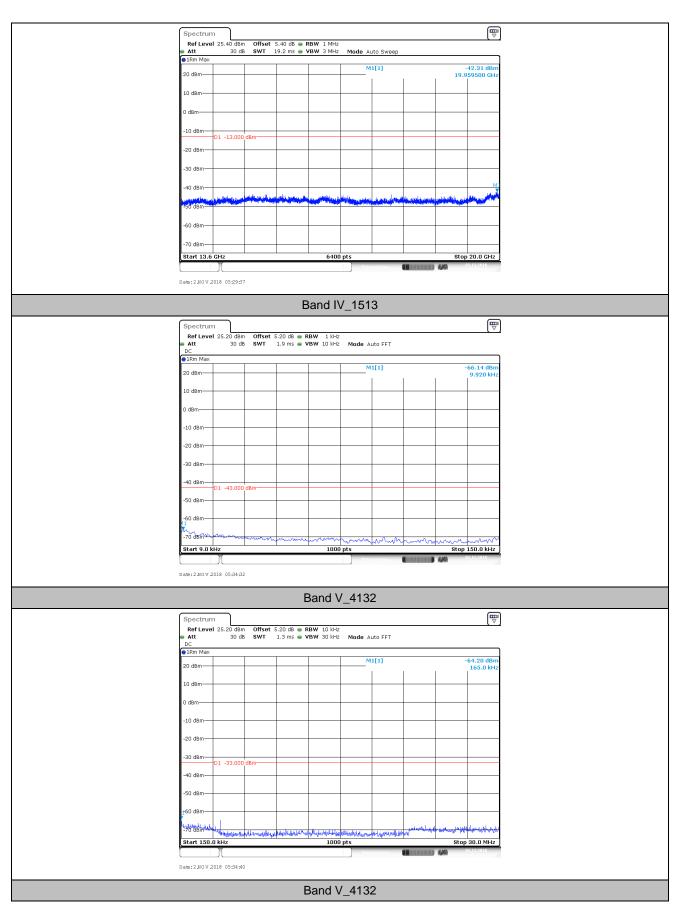


Report No.: HR/2018/9003201 Page: 29 of 40



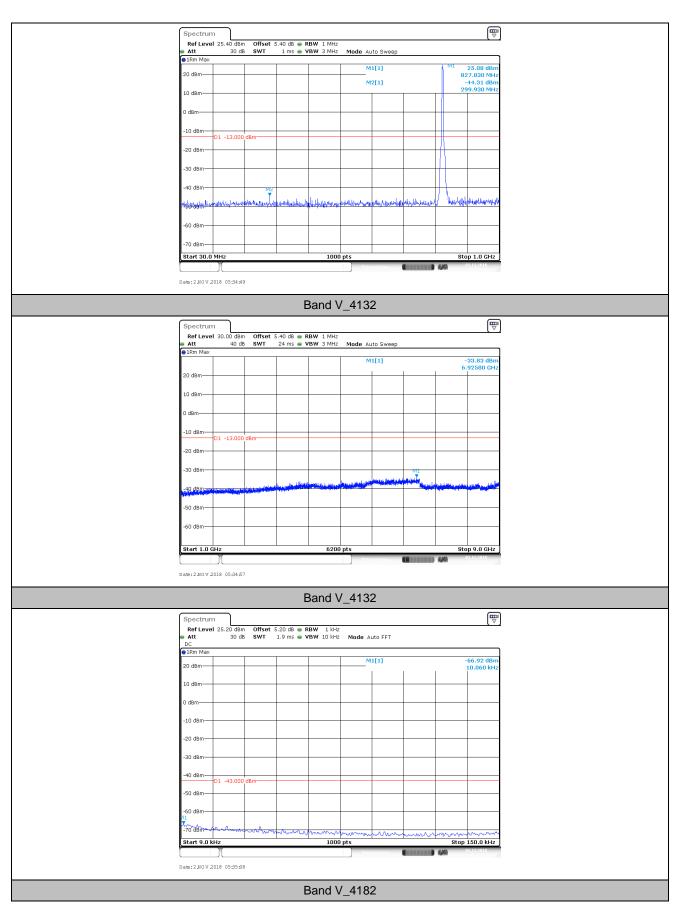


Report No.: HR/2018/9003201 Page: 30 of 40



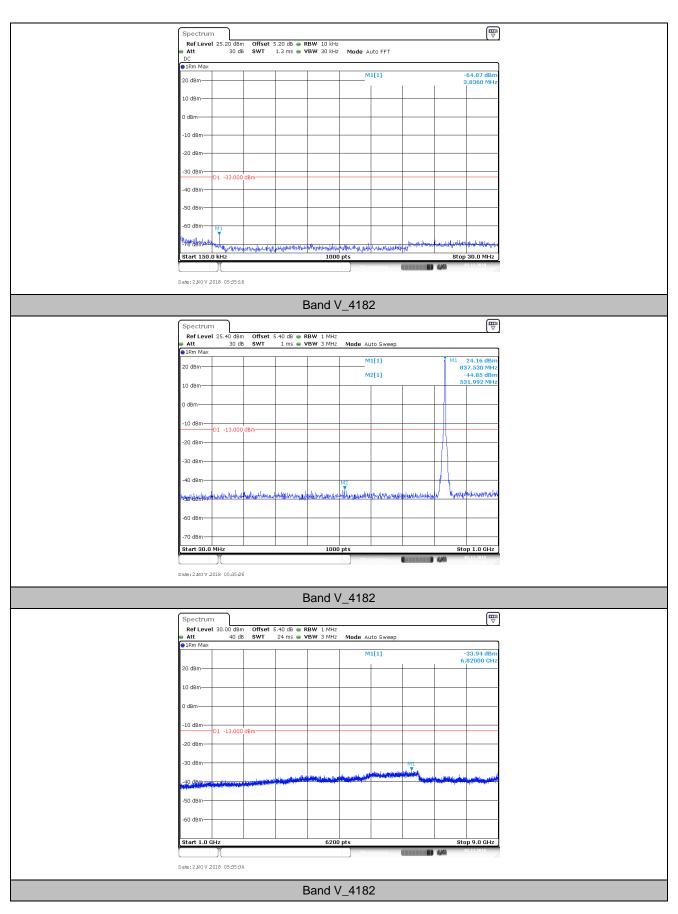


Report No.: HR/2018/9003201 Page: 31 of 40



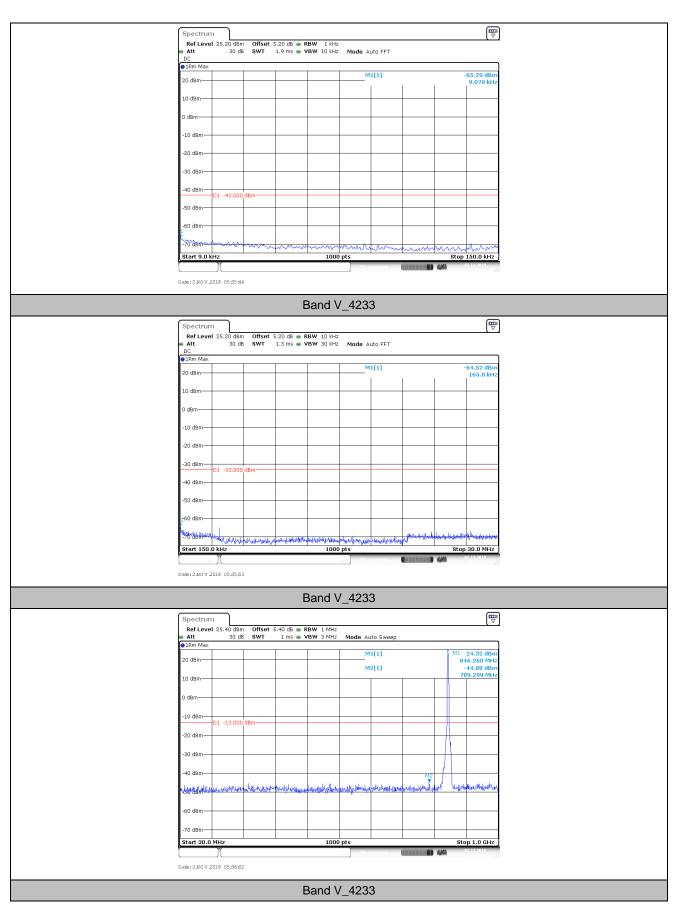


Report No.: HR/2018/9003201 Page: 32 of 40



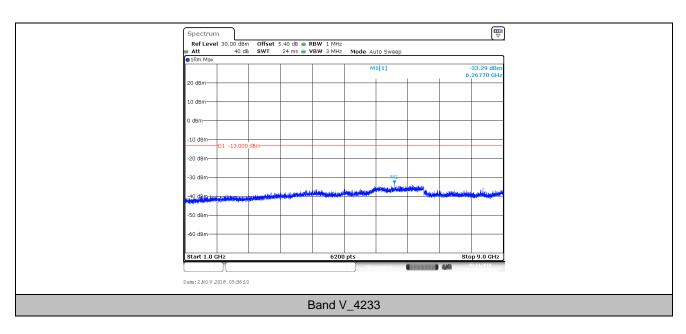


Report No.: HR/2018/9003201 Page: 33 of 40





Report No.: HR/2018/9003201 Page: 34 of 40





Report No.: HR/2018/9003201 Page: 35 of 40

7. Field Strength of Spurious Radiation

7.1. For WCDMA

7.1.1. Test Band = WCDMA BAND II

7.1.1.1. Test Mode = UMTS/TM1

7.1.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.200000	-81.35	-13.00	68.35	Vertical
109.150000	-81.07	-13.00	68.07	Vertical
278.550000	-81.85	-13.00	68.85	Vertical
3702.975000	-63.79	-13.00	50.79	Vertical
6060.525000	-65.05	-13.00	52.05	Vertical
10630.837500	-63.03	-13.00	50.03	Vertical
63.550000	-76.90	-13.00	63.90	Horizontal
106.850000	-78.12	-13.00	65.12	Horizontal
274.250000	-78.84	-13.00	65.84	Horizontal
3702.975000	-65.59	-13.00	52.59	Horizontal
6051.262500	-65.20	-13.00	52.20	Horizontal
9217.087500	-63.57	-13.00	50.57	Horizontal

7.1.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.950000	-81.40	-13.00	68.40	Vertical
282.050000	-82.02	-13.00	69.02	Vertical
3758.062500	-65.12	-13.00	52.12	Vertical
6049.312500	-65.11	-13.00	52.11	Vertical
9248.775000	-63.60	-13.00	50.60	Vertical
11884.200000	-63.26	-13.00	50.26	Vertical
56.050000	-77.23	-13.00	64.23	Horizontal
104.300000	-79.59	-13.00	66.59	Horizontal
274.500000	-78.94	-13.00	65.94	Horizontal
3758.062500	-65.38	-13.00	52.38	Horizontal
6060.037500	-65.26	-13.00	52.26	Horizontal
9229.762500	-63.61	-13.00	50.61	Horizontal

7.1.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.600000	-81.62	-13.00	68.62	Vertical
109.100000	-81.56	-13.00	68.56	Vertical
285.300000	-84.08	-13.00	71.08	Vertical
3813.150000	-66.15	-13.00	53.15	Vertical
6049.312500	-65.18	-13.00	52.18	Vertical
9242.925000	-63.54	-13.00	50.54	Vertical
62.800000	-77.39	-13.00	64.39	Horizontal
104.300000	-79.02	-13.00	66.02	Horizontal
384.000000	-79.64	-13.00	66.64	Horizontal
3813.637500	-66.55	-13.00	53.55	Horizontal
6026.887500	-65.40	-13.00	52.40	Horizontal
9242.437500	-63.47	-13.00	50.47	Horizontal



Report No.: HR/2018/9003201 Page: 36 of 40

7.1.2. Test Band = WCDMA BAND IV

7.1.2.1. Test Mode = UMTS/TM1

7.1.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.950000	-79.21	-13.00	66.21	Vertical
176.800000	-82.05	-13.00	69.05	Vertical
277.500000	-78.63	-13.00	65.63	Vertical
3426.075000	-54.82	-13.00	41.82	Vertical
5133.787500	-60.06	-13.00	47.06	Vertical
7990.537500	-63.98	-13.00	50.98	Vertical
64.950000	-77.00	-13.00	64.00	Horizontal
172.900000	-79.50	-13.00	66.50	Horizontal
384.050000	-73.92	-13.00	60.92	Horizontal
3422.662500	-57.37	-13.00	44.37	Horizontal
5139.637500	-58.69	-13.00	45.69	Horizontal
7937.887500	-63.89	-13.00	50.89	Horizontal

7.1.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.500000	-81.62	-13.00	68.62	Vertical
282.900000	-82.35	-13.00	69.35	Vertical
3463.125000	-48.87	-13.00	35.87	Vertical
5194.725000	-61.06	-13.00	48.06	Vertical
7970.550000	-63.94	-13.00	50.94	Vertical
10659.600000	-63.13	-13.00	50.13	Vertical
56.250000	-77.69	-13.00	64.69	Horizontal
107.400000	-79.55	-13.00	66.55	Horizontal
275.900000	-79.85	-13.00	66.85	Horizontal
3463.125000	-49.53	-13.00	36.53	Horizontal
5194.237500	-62.76	-13.00	49.76	Horizontal
7990.537500	-63.87	-13.00	50.87	Horizontal

7.1.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.000000	-79.21	-13.00	66.21	Vertical
104.250000	-80.46	-13.00	67.46	Vertical
276.500000	-78.51	-13.00	65.51	Vertical
3503.100000	-54.75	-13.00	41.75	Vertical
5254.687500	-65.73	-13.00	52.73	Vertical
7917.900000	-64.42	-13.00	51.42	Vertical
65.00000	-76.81	-13.00	63.81	Horizontal
104.300000	-80.04	-13.00	67.04	Horizontal
175.650000	-78.38	-13.00	65.38	Horizontal
3506.512500	-55.17	-13.00	42.17	Horizontal
5254.200000	-65.55	-13.00	52.55	Horizontal
7690.725000	-64.92	-13.00	51.92	Horizontal



Report No.: HR/2018/9003201 Page: 37 of 40

7.1.3. Test Band = WCDMA BAND V

7.1.3.1. Test Mode = UMTS/TM1

7.1.3.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.000000	-78.79	-13.00	65.79	Vertical
104.300000	-73.10	-13.00	60.10	Vertical
273.100000	-79.89	-13.00	66.89	Vertical
1654.000000	-61.12	-13.00	48.12	Vertical
2476.000000	-58.34	-13.00	45.34	Vertical
6054.675000	-65.14	-13.00	52.14	Vertical
65.000000	-76.76	-13.00	63.76	Horizontal
174.300000	-78.50	-13.00	65.50	Horizontal
617.062500	-78.22	-13.00	65.22	Horizontal
1654.000000	-61.16	-13.00	48.16	Horizontal
2598.000000	-53.50	-13.00	40.50	Horizontal
6166.312500	-65.56	-13.00	52.56	Horizontal

7.1.3.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.950000	-78.97	-13.00	65.97	Vertical
104.250000	-72.74	-13.00	59.74	Vertical
276.700000	-78.35	-13.00	65.35	Vertical
1671.000000	-61.43	-13.00	48.43	Vertical
2506.000000	-58.34	-13.00	45.34	Vertical
6053.212500	-65.23	-13.00	52.23	Vertical
65.000000	-76.86	-13.00	63.86	Horizontal
175.450000	-78.12	-13.00	65.12	Horizontal
622.975000	-78.50	-13.00	65.50	Horizontal
1671.000000	-60.77	-13.00	47.77	Horizontal
2512.000000	-58.83	-13.00	45.83	Horizontal
6041.025000	-65.28	-13.00	52.28	Horizontal

7.1.3.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.00000	-78.88	-13.00	65.88	Vertical
104.300000	-70.91	-13.00	57.91	Vertical
276.950000	-78.63	-13.00	65.63	Vertical
1691.500000	-59.50	-13.00	46.50	Vertical
2542.500000	-57.98	-13.00	44.98	Vertical
6271.125000	-65.52	-13.00	52.52	Vertical
65.000000	-76.62	-13.00	63.62	Horizontal
104.300000	-78.56	-13.00	65.56	Horizontal
175.750000	-77.85	-13.00	64.85	Horizontal
1695.000000	-59.37	-13.00	46.37	Horizontal
2543.000000	-58.76	-13.00	45.76	Horizontal
8000.287500	-64.11	-13.00	51.11	Horizontal

Remark:

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.
- 2) We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



Report No.: HR/2018/9003201 Page: 38 of 40

8. Frequency Stability

8.1. Frequency Vs Voltage

				Voltage			
BAND	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band II	9262	VL	TN	-12.83	-0.006927	±2.5	PASS
Band II	9262	VN	TN	-9.18	-0.004958	±2.5	PASS
Band II	9262	VH	TN	-12.43	-0.006711	±2.5	PASS
Band II	9400	VL	TN	-13.40	-0.007130	±2.5	PASS
Band II	9400	VN	TN	-17.80	-0.009470	±2.5	PASS
Band II	9400	VH	TN	-10.70	-0.005692	±2.5	PASS
Band II	9538	VL	TN	-14.96	-0.007840	±2.5	PASS
Band II	9538	VN	TN	-14.17	-0.007428	±2.5	PASS
Band II	9538	VH	TN	-7.10	-0.003723	±2.5	PASS
Band IV	1312	VL	TN	-10.40	-0.006073	±2.5	PASS
Band IV	1312	VN	TN	-13.60	-0.007944	±2.5	PASS
Band IV	1312	VH	TN	-6.55	-0.003826	±2.5	PASS
Band IV	1413	VL	TN	-15.81	-0.009123	±2.5	PASS
Band IV	1413	VN	TN	-8.65	-0.004991	±2.5	PASS
Band IV	1413	VH	TN	-16.66	-0.009615	±2.5	PASS
Band IV	1513	VL	TN	-6.57	-0.003746	±2.5	PASS
Band IV	1513	VN	TN	-4.73	-0.002698	±2.5	PASS
Band IV	1513	VH	TN	-2.78	-0.001588	±2.5	PASS
Band V	4132	VL	TN	-8.58	-0.010386	±2.5	PASS
Band V	4132	VN	TN	-8.23	-0.009962	±2.5	PASS
Band V	4132	VH	TN	-11.38	-0.013770	±2.5	PASS
Band V	4182	VL	TN	-14.24	-0.017026	±2.5	PASS
Band V	4182	VN	TN	-14.03	-0.016778	±2.5	PASS
Band V	4182	VH	TN	-10.55	-0.012614	±2.5	PASS
Band V	4233	VL	TN	-9.00	-0.010628	±2.5	PASS
Band V	4233	VN	TN	-12.45	-0.014701	±2.5	PASS
Band V	4233	VH	TN	-12.52	-0.014793	±2.5	PASS

8.2. Frequency Vs Temperature

				Temperature			
BAND	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdic t
Band II	9262	VN	-30	-14.45	-0.007800	±2.5	PASS
Band II	9262	VN	-20	-10.93	-0.005900	±2.5	PASS
Band II	9262	VN	-10	-14.33	-0.007734	±2.5	PASS
Band II	9262	VN	0	-12.46	-0.006726	±2.5	PASS
Band II	9262	VN	10	-10.37	-0.005599	±2.5	PASS
Band II	9262	VN	20	-9.53	-0.005147	±2.5	PASS
Band II	9262	VN	30	-8.99	-0.004854	±2.5	PASS
Band II	9262	VN	40	-11.83	-0.006386	±2.5	PASS
Band II	9262	VN	50	-11.43	-0.006170	±2.5	PASS



Report No.: HR/2018/9003201 Page: 39 of 40

<u> </u>							1
Band II	9400	VN	-30	-14.20	-0.007552	±2.5	PASS
Band II	9400	VN	-20	-10.10	-0.005372	±2.5	PASS
Band II	9400	VN	-10	-15.82	-0.008416	±2.5	PASS
Band II	9400	VN	0	-14.34	-0.007628	±2.5	PASS
Band II	9400	VN	10	-13.46	-0.007160	±2.5	PASS
Band II	9400	VN	20	-15.28	-0.008127	±2.5	PASS
Band II	9400	VN	30	-13.02	-0.006928	±2.5	PASS
Band II	9400	VN	40	-16.36	-0.008701	±2.5	PASS
Band II	9400	VN	50	-15.79	-0.008397	±2.5	PASS
Band II	9538	VN	-30	-12.03	-0.006307	±2.5	PASS
Band II	9538	VN	-20	-13.98	-0.007330	±2.5	PASS
Band II	9538	VN	-10	-13.87	-0.007270	±2.5	PASS
Band II	9538	VN	0	-17.90	-0.009385	±2.5	PASS
Band II	9538	VN	10	-11.01	-0.005770	±2.5	PASS
Band II	9538	VN	20	-13.44	-0.007045	±2.5	PASS
Band II	9538	VN	30	-11.72	-0.006142	±2.5	PASS
Band II	9538	VN	40	-11.96	-0.006269	±2.5	PASS
Band II	9538	VN	50	-11.18	-0.005860	±2.5	PASS
Band IV	1312	VN	-30	-10.20	-0.005956	±2.5	PASS
Band IV	1312	VN	-20	-11.97	-0.006992	±2.5	PASS
Band IV	1312	VN	-10	-10.74	-0.006270	±2.5	PASS
Band IV	1312	VN	0	-13.13	-0.007669	±2.5	PASS
Band IV	1312	VN	10	-15.62	-0.009122	±2.5	PASS
Band IV	1312	VN	20	-17.40	-0.010162	±2.5	PASS
Band IV	1312	VN	30	-12.45	-0.007268	±2.5	PASS
Band IV	1312	VN	40	-13.80	-0.008057	±2.5	PASS
Band IV	1312	VN	50	-11.38	-0.006645	±2.5	PASS
Band IV	1413	VN	-30	-11.07	-0.006390	±2.5	PASS
Band IV	1413	VN	-20	-11.32	-0.006535	±2.5	PASS
Band IV	1413	VN	-10	-12.50	-0.007212	±2.5	PASS
Band IV	1413	VN	0	-14.82	-0.008554	±2.5	PASS
Band IV	1413	VN	10	-13.68	-0.007893	±2.5	PASS
Band IV Band IV	1413	VN	20	-12.13	-0.007001	±2.5	PASS
Band IV Band IV	1413	VN	30	-13.21	-0.007625	±2.5	PASS
Band IV Band IV	1413	VN	40	-13.21	-0.007625	±2.5	PASS
Band IV Band IV	1413	VN	50	-14.45	-0.008339	±2.5	PASS
Band IV Band IV	1513	VN	-30	-3.87	-0.002208	±2.5	PASS
Band IV Band IV	1513	VN	-30	-10.56	-0.002208	±2.5	PASS
Band IV Band IV	1513	VN	-20	-7.68	-0.004383	±2.5	PASS
						-	-
Band IV	1513	VN VN	0	-12.17	-0.006942	±2.5	PASS
Band IV	1513		10	-6.15	-0.003510	±2.5	PASS
Band IV	1513	VN	20	-9.13	-0.005212	±2.5	PASS
Band IV	1513	VN	30	-9.34	-0.005330	±2.5	PASS
Band IV	1513	VN	40	-12.95	-0.007391	±2.5	PASS
Band IV	1513	VN	50	-14.49	-0.008268	±2.5	PASS
Band V	4132	VN	-30	-12.30	-0.014887	±2.5	PASS
Band V	4132	VN	-20	-4.51	-0.005461	±2.5	PASS
Band V	4132	VN	-10	-5.52	-0.006682	±2.5	PASS
Band V	4132	VN	0	-8.70	-0.010533	±2.5	PASS
Band V	4132	VN	10	-11.05	-0.013372	±2.5	PASS
Band V	4132	VN	20	-7.12	-0.008612	±2.5	PASS



Report No.: HR/2018/9003201 Page: 40 of 40

Band V	4132	VN	30	-8.91	-0.010784	±2.5	PASS
Band V	4132	VN	40	-13.78	-0.016670	±2.5	PASS
Band V	4132	VN	50	-9.89	-0.011970	±2.5	PASS
Band V	4182	VN	-30	-11.29	-0.013494	±2.5	PASS
Band V	4182	VN	-20	-10.44	-0.012485	±2.5	PASS
Band V	4182	VN	-10	-14.14	-0.016907	±2.5	PASS
Band V	4182	VN	0	-8.24	-0.009851	±2.5	PASS
Band V	4182	VN	10	-7.95	-0.009509	±2.5	PASS
Band V	4182	VN	20	-12.09	-0.014452	±2.5	PASS
Band V	4182	VN	30	-6.88	-0.008227	±2.5	PASS
Band V	4182	VN	40	-12.03	-0.014384	±2.5	PASS
Band V	4182	VN	50	-11.64	-0.013913	±2.5	PASS
Band V	4233	VN	-30	-12.72	-0.015030	±2.5	PASS
Band V	4233	VN	-20	-9.15	-0.010806	±2.5	PASS
Band V	4233	VN	-10	-10.88	-0.012850	±2.5	PASS
Band V	4233	VN	0	-7.58	-0.008955	±2.5	PASS
Band V	4233	VN	10	-7.72	-0.009116	±2.5	PASS
Band V	4233	VN	20	-10.71	-0.012656	±2.5	PASS
Band V	4233	VN	30	-10.79	-0.012740	±2.5	PASS
Band V	4233	VN	40	-13.99	-0.016525	±2.5	PASS
Band V	4233	VN	50	-12.81	-0.015131	±2.5	PASS

The End