



Test Report No.: W7L-P24050016RF08

CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	30~1000	-58.29	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	1000~10000	-38.71	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	10000~20000	-36.19	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	30~1000	-58.25	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	1000~10000	-38.66	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	10000~20000	-36.11	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	30~1000	-58.24	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	1000~10000	-38.67	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	10000~20000	-36.15	PASS
Band66	3MHz	QPSK	131987	1RB#0	30~1000	-58.26	PASS
Band66	3MHz	QPSK	131987	1RB#0	1000~10000	-38.54	PASS
Band66	3MHz	QPSK	131987	1RB#0	10000~20000	-36.06	PASS
Band66	3MHz	QPSK	132322	1RB#0	30~1000	-58.31	PASS
Band66	3MHz	QPSK	132322	1RB#0	1000~10000	-38.62	PASS
Band66	3MHz	QPSK	132322	1RB#0	10000~20000	-35.99	PASS
Band66	3MHz	QPSK	132657	1RB#0	30~1000	-58.28	PASS
Band66	3MHz	QPSK	132657	1RB#0	1000~10000	-38.59	PASS
Band66	3MHz	QPSK	132657	1RB#0	10000~20000	-36.09	PASS
Band66	5MHz	QPSK	131997	1RB#0	30~1000	-58.10	PASS
Band66	5MHz	QPSK	131997	1RB#0	1000~10000	-38.47	PASS
Band66	5MHz	QPSK	131997	1RB#0	10000~20000	-35.89	PASS
Band66	5MHz	QPSK	132322	1RB#0	30~1000	-58.20	PASS
Band66	5MHz	QPSK	132322	1RB#0	1000~10000	-38.42	PASS
Band66	5MHz	QPSK	132322	1RB#0	10000~20000	-35.83	PASS
Band66	5MHz	QPSK	132647	1RB#0	30~1000	-58.08	PASS
Band66	5MHz	QPSK	132647	1RB#0	1000~10000	-38.42	PASS
Band66	5MHz	QPSK	132647	1RB#0	10000~20000	-35.91	PASS
Band66	10MHz	QPSK	132022	1RB#0	30~1000	-58.15	PASS
Band66	10MHz	QPSK	132022	1RB#0	1000~10000	-38.41	PASS
Band66	10MHz	QPSK	132022	1RB#0	10000~20000	-35.82	PASS
Band66	10MHz	QPSK	132322	1RB#0	30~1000	-58.23	PASS
Band66	10MHz	QPSK	132322	1RB#0	1000~10000	-38.37	PASS
Band66	10MHz	QPSK	132322	1RB#0	10000~20000	-35.88	PASS
Band66	10MHz	QPSK	132622	1RB#0	30~1000	-58.15	PASS
Band66	10MHz	QPSK	132622	1RB#0	1000~10000	-38.46	PASS
Band66	10MHz	QPSK	132622	1RB#0	10000~20000	-35.94	PASS
Band66	15MHz	QPSK	132047	1RB#0	30~1000	-58.17	PASS
Band66	15MHz	QPSK	132047	1RB#0	1000~10000	-38.41	PASS
Band66	15MHz	QPSK	132047	1RB#0	10000~20000	-35.95	PASS
Band66	15MHz	QPSK	132322	1RB#0	30~1000	-58.10	PASS
Band66	15MHz	QPSK	132322	1RB#0	1000~10000	-38.39	PASS
Band66	15MHz	QPSK	132322	1RB#0	10000~20000	-35.94	PASS
Band66	15MHz	QPSK	132597	1RB#0	30~1000	-58.08	PASS
Band66	15MHz	QPSK	132597	1RB#0	1000~10000	-38.30	PASS



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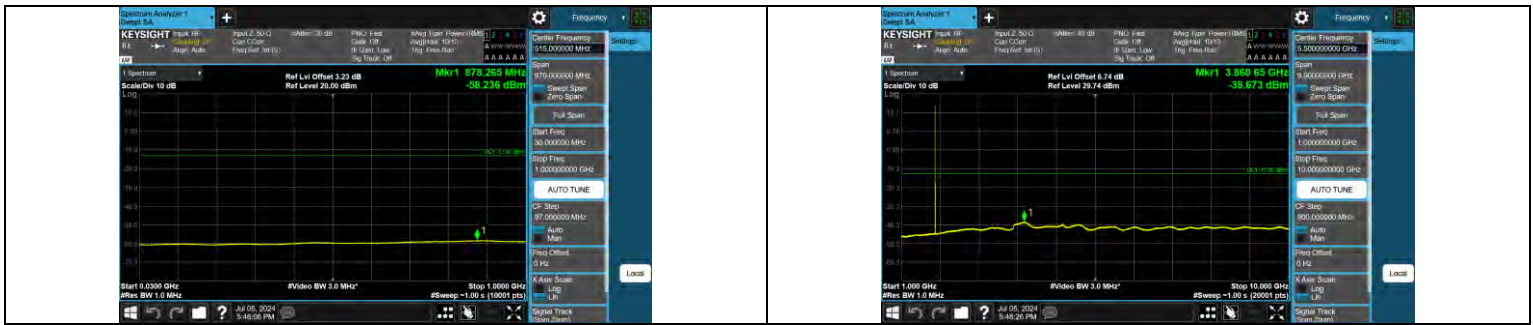
Band66	15MHz	QPSK	132597	1RB#0	1000~20000	-35.90	PASS
Band66	20MHz	QPSK	132072	1RB#0	30~1000	-58.20	PASS
Band66	20MHz	QPSK	132072	1RB#0	1000~10000	-38.17	PASS
Band66	20MHz	QPSK	132072	1RB#0	1000~20000	-35.80	PASS
Band66	20MHz	QPSK	132322	1RB#0	30~1000	-58.18	PASS
Band66	20MHz	QPSK	132322	1RB#0	1000~10000	-38.30	PASS
Band66	20MHz	QPSK	132322	1RB#0	1000~20000	-35.73	PASS
Band66	20MHz	QPSK	132572	1RB#0	30~1000	-58.13	PASS
Band66	20MHz	QPSK	132572	1RB#0	1000~10000	-38.30	PASS
Band66	20MHz	QPSK	132572	1RB#0	1000~20000	-35.89	PASS

Test Graphs





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Band66 1.4MHz QPSK 132665 1RB#0 30~1000 30~1000

Band66 1.4MHz QPSK 132665 1RB#0 1000~10000 1000~10000



Band66 1.4MHz QPSK 132665 1RB#0 10000~20000 10000~20000

Band66 3MHz QPSK 131987 1RB#0 30~1000 30~1000



Band66 3MHz QPSK 131987 1RB#0 1000~10000 1000~10000

Band66 3MHz QPSK 131987 1RB#0 10000~20000 10000~20000



Band66 3MHz QPSK 132322 1RB#0 30~1000 30~1000

Band66 3MHz QPSK 132322 1RB#0 1000~10000 1000~10000



Band66 3MHz QPSK 132322 1RB#0 10000~20000 10000~20000

Band66 3MHz QPSK 132657 1RB#0 30~1000 30~1000

BV 7Layers Communications Technology (Shenzhen) Co., Ltd

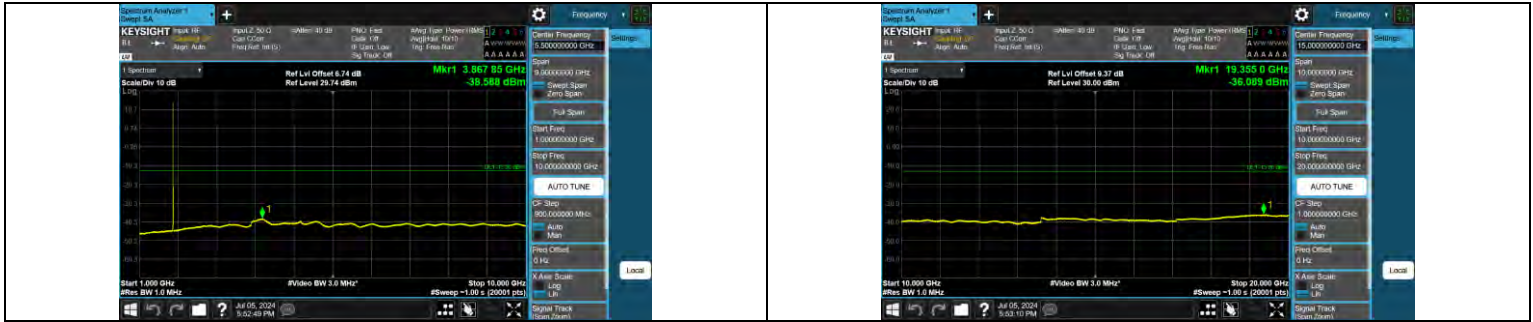
Room B37, Warehouse A5, No.3 Chiwan 4th Road, Zhaoshang Street, Nanshan District Shenzhen, Guangdong, People's Republic of China

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



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Band66 3MHz QPSK 132657 1RB#0 1000~10000 1000~10000

Band66 3MHz QPSK 132657 1RB#0 1000~10000 1000~20000



Band66 5MHz QPSK 131997 1RB#0 30~1000 30~1000

Band66 5MHz QPSK 131997 1RB#0 1000~10000 1000~10000



Band66 5MHz QPSK 131997 1RB#0 1000~20000 1000~20000

Band66 5MHz QPSK 132322 1RB#0 30~1000 30~1000



Band66 5MHz QPSK 132322 1RB#0 1000~10000 1000~10000

Band66 5MHz QPSK 132322 1RB#0 1000~20000 1000~20000

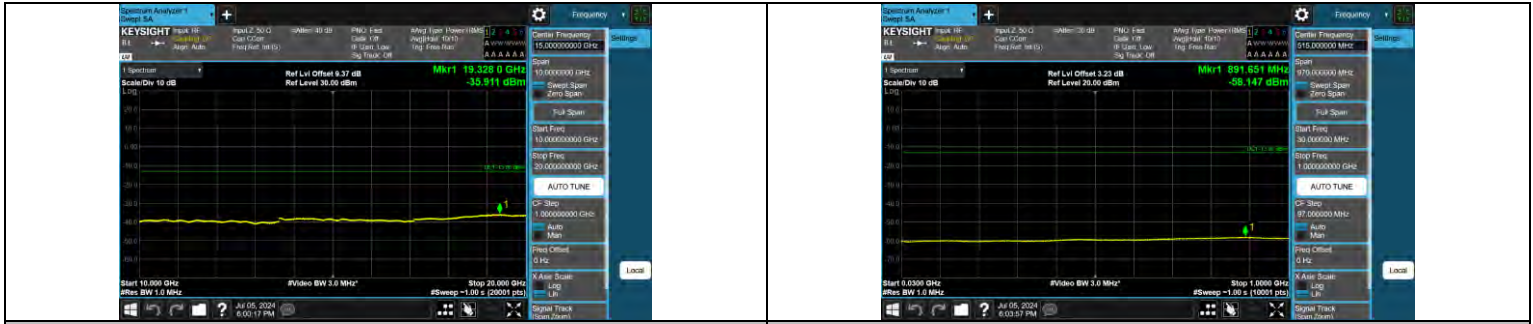


Band66 5MHz QPSK 132647 1RB#0 30~1000 30~1000

Band66 5MHz QPSK 132647 1RB#0 1000~10000 1000~10000



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Band66 5MHz QPSK 132647 1RB#0 1000~2000 1000~2000



Band66 10MHz QPSK 132022 1RB#0 30~1000 30~1000



Band66 10MHz QPSK 132022 1RB#0 1000~10000 1000~10000



Band66 10MHz QPSK 132022 1RB#0 10000~20000 10000~20000



Band66 10MHz QPSK 132322 1RB#0 30~1000 30~1000



Band66 10MHz QPSK 132322 1RB#0 1000~10000 1000~10000



Band66 10MHz QPSK 132322 1RB#0 10000~20000 10000~20000



Band66 10MHz QPSK 132622 1RB#0 30~1000 30~1000



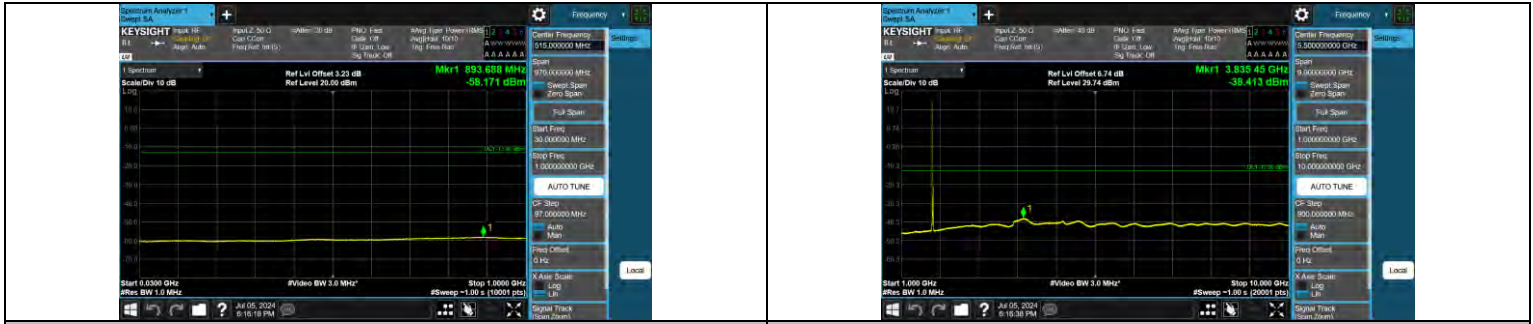
Band66 10MHz QPSK 132622 1RB#0 1000~10000 1000~10000



Band66 10MHz QPSK 132622 1RB#0 10000~20000 10000~20000



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Band66 15MHz QPSK 132047 1RB#0 30~1000 30~1000



Band66 15MHz QPSK 132047 1RB#0 1000~10000 1000~10000



Band66 15MHz QPSK 132047 1RB#0 10000~20000 10000~20000

Band66 15MHz QPSK 132322 1RB#0 30~1000 30~1000



Band66 15MHz QPSK 132322 1RB#0 10000~20000 10000~20000

Band66 15MHz QPSK 132322 1RB#0 10000~20000 10000~20000



Band66 15MHz QPSK 132597 1RB#0 30~1000 30~1000

Band66 15MHz QPSK 132597 1RB#0 1000~10000 1000~10000



Band66 15MHz QPSK 132597 1RB#0 10000~20000 10000~20000

Band66 20MHz QPSK 132072 1RB#0 30~1000 30~1000



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Band66 20MHz QPSK 132072 1RB#0 1000~10000 1000~10000



Band66 20MHz QPSK 132072 1RB#0 10000~20000 10000~20000



Band66 20MHz QPSK 132322 1RB#0 30~1000 30~1000



Band66 20MHz QPSK 132322 1RB#0 1000~10000 1000~10000



Band66 20MHz QPSK 132322 1RB#0 10000~20000 10000~20000



Band66 20MHz QPSK 132572 1RB#0 30~1000 30~1000



Band66 20MHz QPSK 132572 1RB#0 1000~10000 1000~10000



Band66 20MHz QPSK 132572 1RB#0 10000~20000 10000~20000

FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band6 6	10MHz	QPSK	13202 2	50RB #0	VN	NT	3740. 00	2.180 758	1710. 52594	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	VL	NT	2460. 00	1.434 402	1710. 52716	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	VH	NT	4270. 00	2.489 796	1710. 53007	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	VN	NT	928.0 0	0.522 816	---	1779. 47189	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	VL	NT	-1034. 26	-0.582 679	---	1779. 47142	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	VH	NT	-4180. 00	-2.354 930	---	1779. 47237	1710- 1780	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	-30	-1138. 35	-0.663 763	1710. 5268	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	-20	1229. 71	0.717 035	1710. 5362	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	-10	-1341. 45	-0.782 186	1710. 52915	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	0	-1501. 49	-0.875 506	1710. 52548	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	10	1323. 85	0.771 924	1710. 52962	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	20	-1434. 45	-0.836 414	1710. 52618	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	30	-1581. 79	-0.922 325	1710. 5294	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	40	-1707. 66	-0.995 721	1710. 52658	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13202 2	50RB #0	NV	50	-1845. 22	-1.075 928	1710. 5252	---	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	NV	-30	973.7 8	0.548 606	---	1779. 46958	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	NV	-20	-1030. 19	-0.580 388	---	1779. 4698	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	NV	-10	-1013. 06	-0.570 736	---	1779. 47026	1710- 1780	PASS
Band6 6	10MHz	QPSK	13262 2	50RB #0	NV	0	993.6	0.559	---	1779.	1710-	PASS



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6	z		2	#0			7	815		47175	1780	
Band6 6	10MH z	QPSK	13262 2	50RB #0	NV	10	1001. 33	0.564 127	---	1779. 469	1710- 1780	PASS
Band6 6	10MH z	QPSK	13262 2	50RB #0	NV	20	-603.9 1	-0.340 233	---	1779. 47258	1710- 1780	PASS
Band6 6	10MH z	QPSK	13262 2	50RB #0	NV	30	-842.2 3	-0.474 497	---	1779. 47449	1710- 1780	PASS
Band6 6	10MH z	QPSK	13262 2	50RB #0	NV	40	610.8 5	0.344 143	---	1779. 47038	1710- 1780	PASS
Band6 6	10MH z	QPSK	13262 2	50RB #0	NV	50	629.7 2	0.354 772	---	1779. 47062	1710- 1780	PASS

---END---