

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

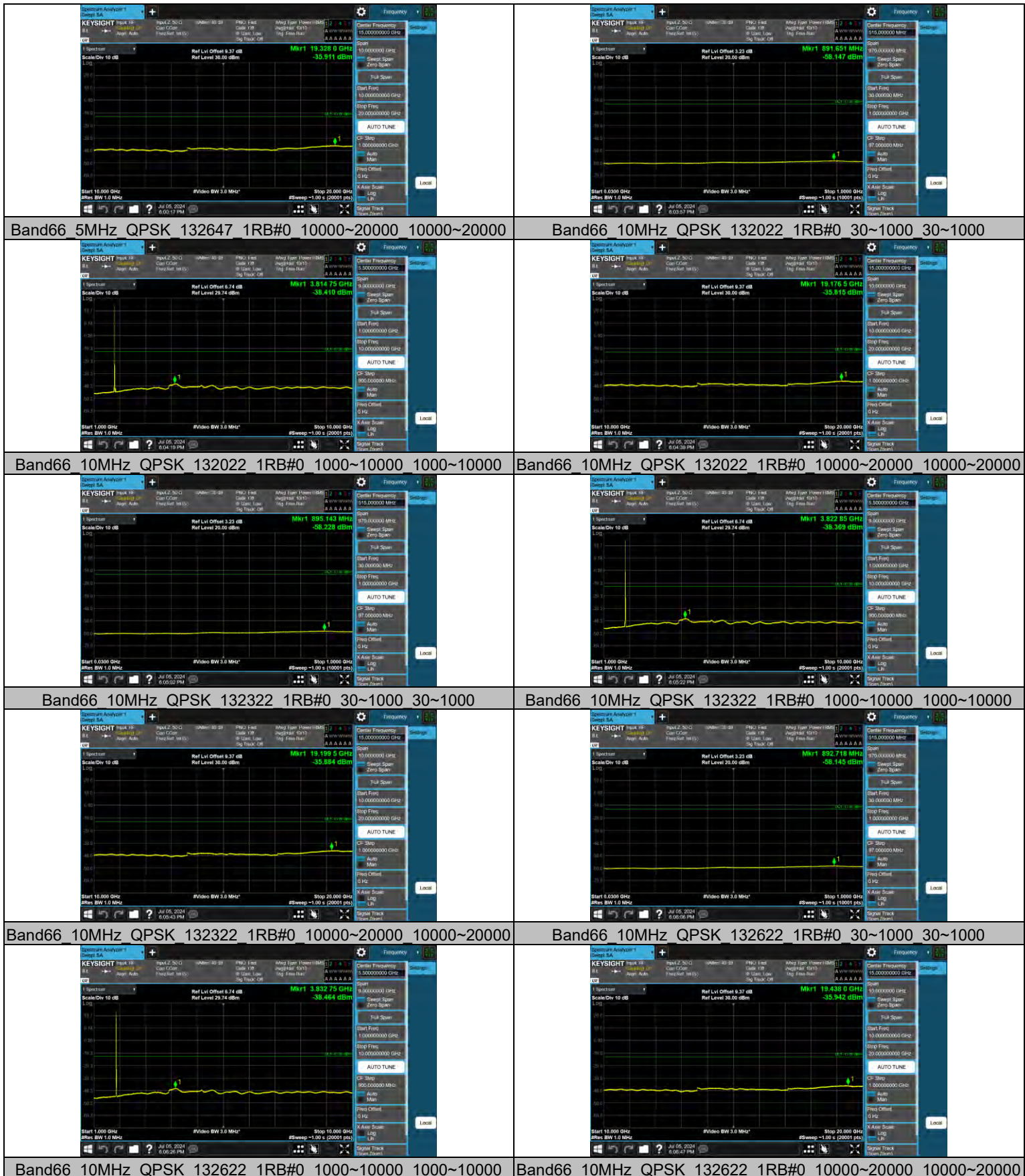
Band66	15MHz	QPSK	132597	1RB#0	10000~20000	-35.90	PASS
Band66	20MHz	QPSK	132072	1RB#0	30~1000	-58.20	PASS
Band66	20MHz	QPSK	132072	1RB#0	1000~10000	-38.17	PASS
Band66	20MHz	QPSK	132072	1RB#0	10000~20000	-35.80	PASS
Band66	20MHz	QPSK	132322	1RB#0	30~1000	-58.18	PASS
Band66	20MHz	QPSK	132322	1RB#0	1000~10000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

Test Graphs

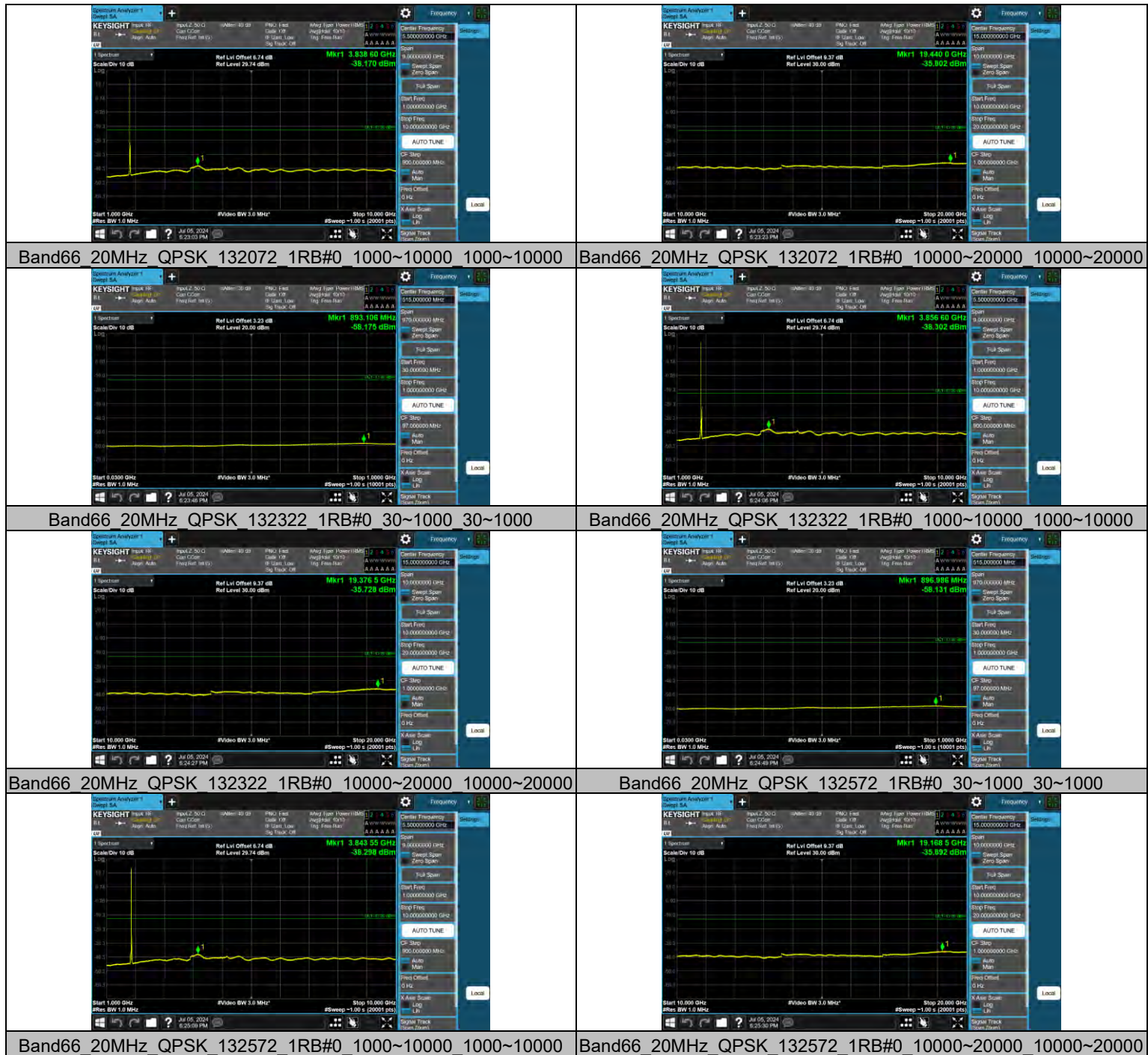












FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band6	10MHz	QPSK	13202	50RB #0	VN	NT	3740.00	2.180758	1710.52594	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	VL	NT	2460.00	1.434402	1710.52716	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	VH	NT	4270.00	2.489796	1710.53007	---	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB #0	VN	NT	928.00	0.522816	---	1779.47189	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB #0	VL	NT	-1034.26	-0.582679	---	1779.47142	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB #0	VH	NT	-4180.00	-2.354930	---	1779.47237	1710-1780	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band6	10MHz	QPSK	13202	50RB #0	NV	-30	-1138.35	-0.663763	1710.5268	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	-20	1229.71	0.717035	1710.5362	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	-10	-1341.45	-0.782186	1710.52915	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	0	-1501.49	-0.875506	1710.52548	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	10	1323.85	0.771924	1710.52962	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	20	-1434.45	-0.836414	1710.52618	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	30	-1581.79	-0.922325	1710.5294	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	40	-1707.66	-0.995721	1710.52658	---	1710-1780	PASS
Band6	10MHz	QPSK	13202	50RB #0	NV	50	-1845.22	-1.075928	1710.5252	---	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB #0	NV	-30	973.78	0.548606	---	1779.46958	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB #0	NV	-20	-1030.19	-0.580388	---	1779.4698	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB #0	NV	-10	-1013.06	-0.570736	---	1779.47026	1710-1780	PASS
Band6	10MHz	QPSK	13262	50RB	NV	0	993.6	0.559	---	1779.	1710-	PASS



BUREAU
VERITAS

Test Report No.: W7L-P24100005RF08

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

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