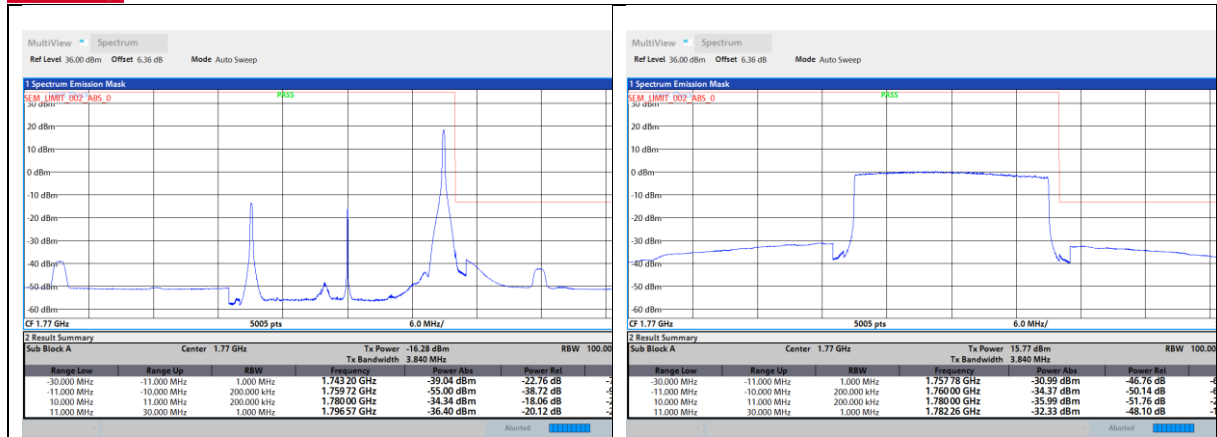




BUREAU VERITAS Test Report No.: PSZ-QSZ2504020109RF04





BUREAU VERITAS Test Report No.: PSZ-QSZ2504020109RF04
CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band6	1.4MHz	QPSK	131979	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	1.4MHz	QPSK	131979	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	1.4MHz	QPSK	132322	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	1.4MHz	QPSK	132322	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	1.4MHz	QPSK	132665	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	1.4MHz	QPSK	132665	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	3MHz	QPSK	131987	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	3MHz	QPSK	131987	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	3MHz	QPSK	132322	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	3MHz	QPSK	132322	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	3MHz	QPSK	132657	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	3MHz	QPSK	132657	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	5MHz	QPSK	131997	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	5MHz	QPSK	131997	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	5MHz	QPSK	132322	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6	5MHz	QPSK	132322	1RB#0	Range2:15000~17800MHz	See Graph	PASS
Band6	5MHz	QPSK	13264	1RB#0	Range1:30~15000MHz	See	PASS



BUREAU VERITAS Test Report No.: PSZ-QSZ2504020109RF04

6			7			Graph	
Band6 6	5MHz	QPSK	13264 7	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	10MHz	QPSK	13202 2	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	10MHz	QPSK	13202 2	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	10MHz	QPSK	13232 2	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	10MHz	QPSK	13232 2	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	10MHz	QPSK	13262 2	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	10MHz	QPSK	13262 2	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	15MHz	QPSK	13204 7	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	15MHz	QPSK	13204 7	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	15MHz	QPSK	13232 2	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	15MHz	QPSK	13232 2	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	15MHz	QPSK	13259 7	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	15MHz	QPSK	13259 7	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	20MHz	QPSK	13207 2	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	20MHz	QPSK	13207 2	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	20MHz	QPSK	13232 2	1RB#0	Range1:30~15000MHz	See Graph	PASS
Band6 6	20MHz	QPSK	13232 2	1RB#0	Range2:15000~17800M Hz	See Graph	PASS
Band6 6	20MHz	QPSK	13257 2	1RB#0	Range1:30~15000MHz	See Graph	PASS



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Band6 6	20MHz	QPSK	13257 2	1RB#0	Range2:15000~17800M Hz	See Grap h	PASS
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Test Graphs



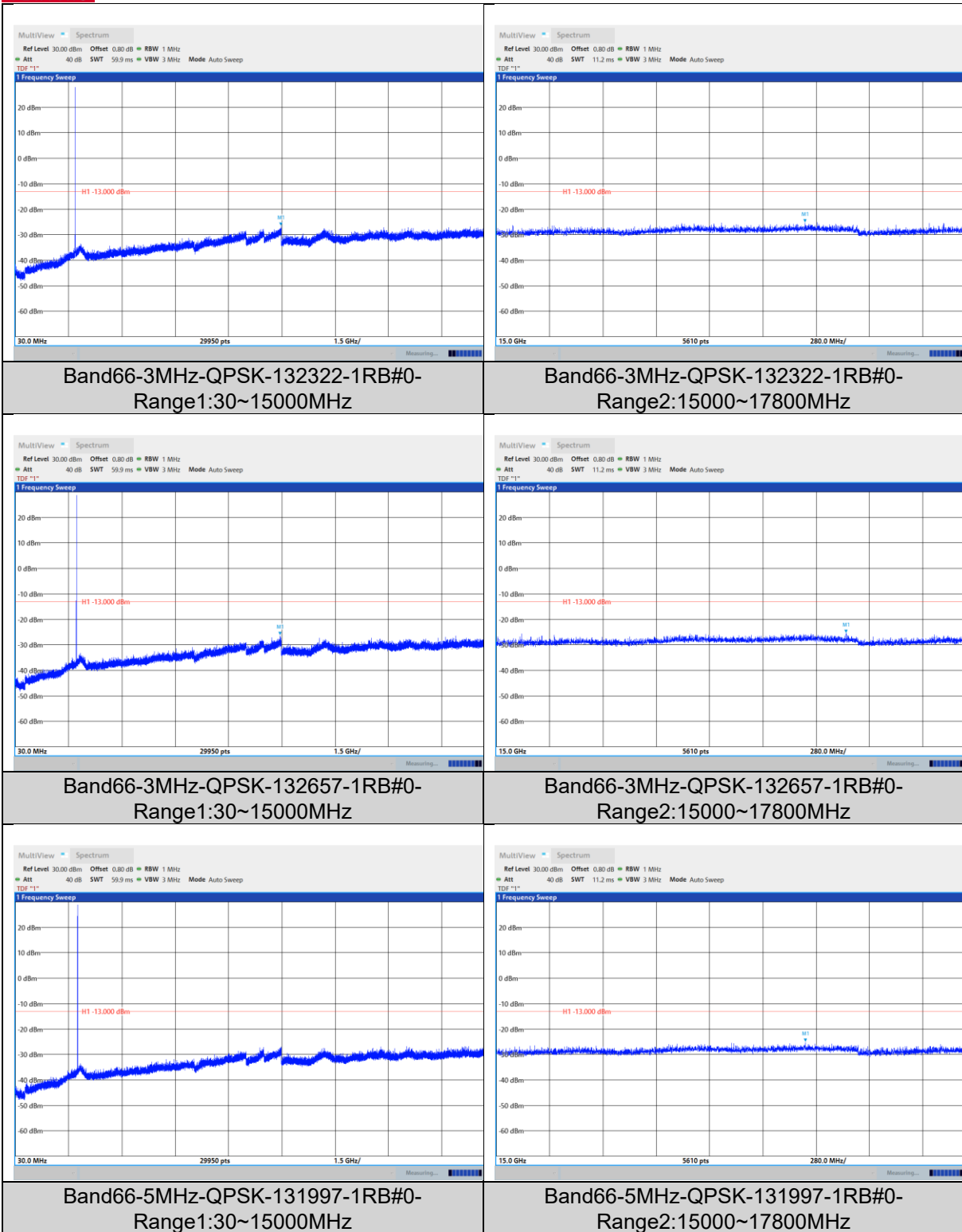
Huarui 7layers High Technology
(Suzhou) Co., Ltd.

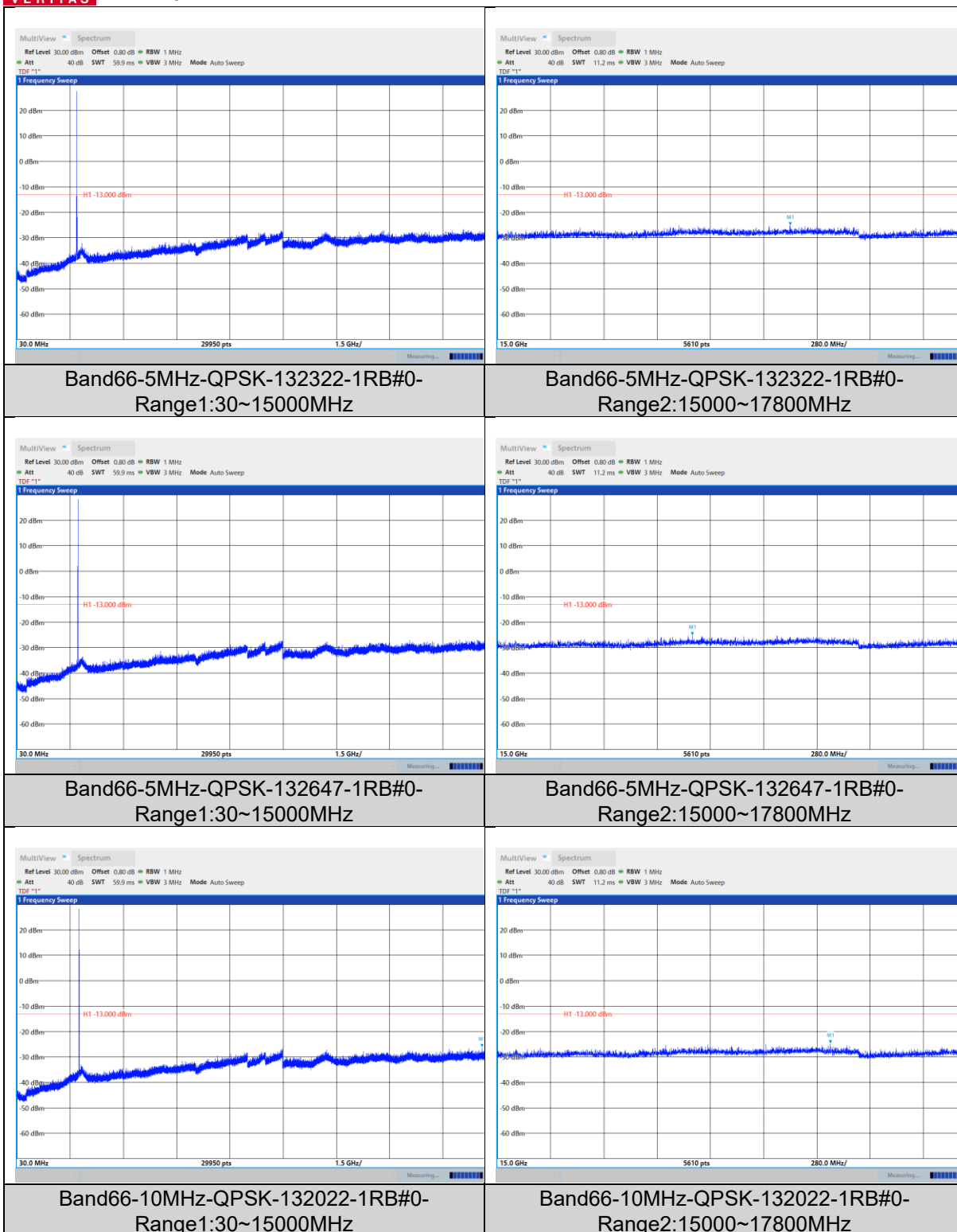
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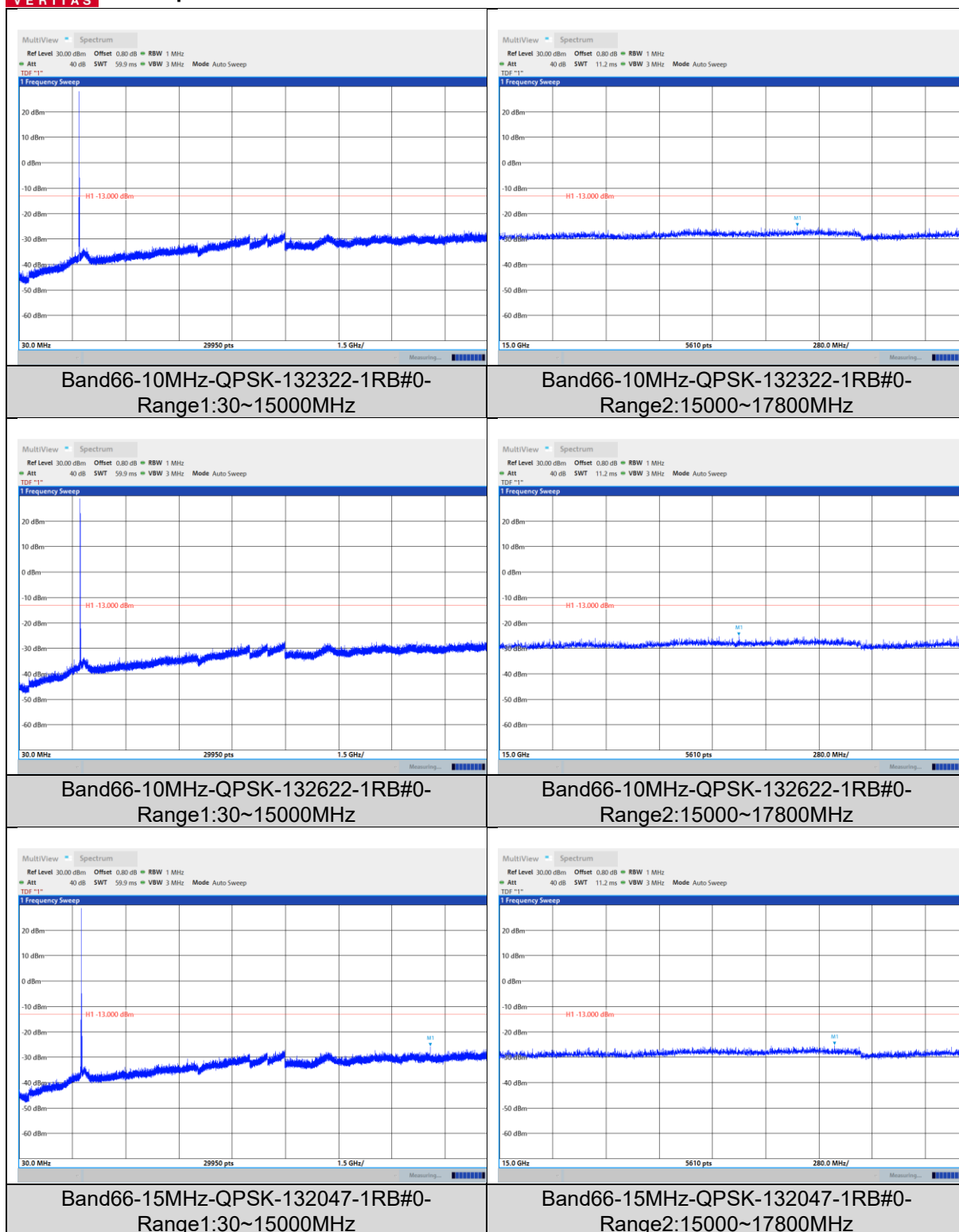
Tel: +86 (0557) 368 1008



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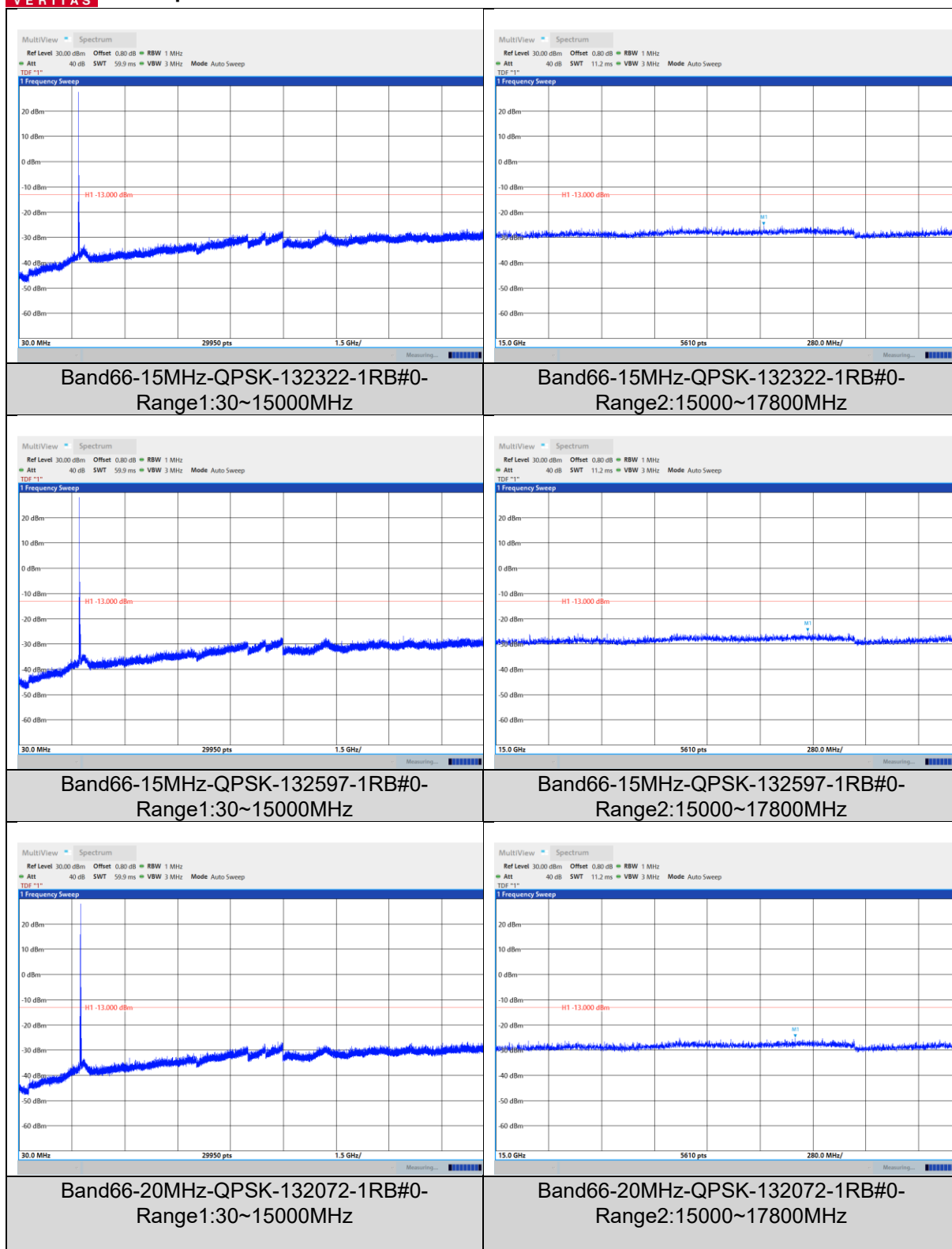






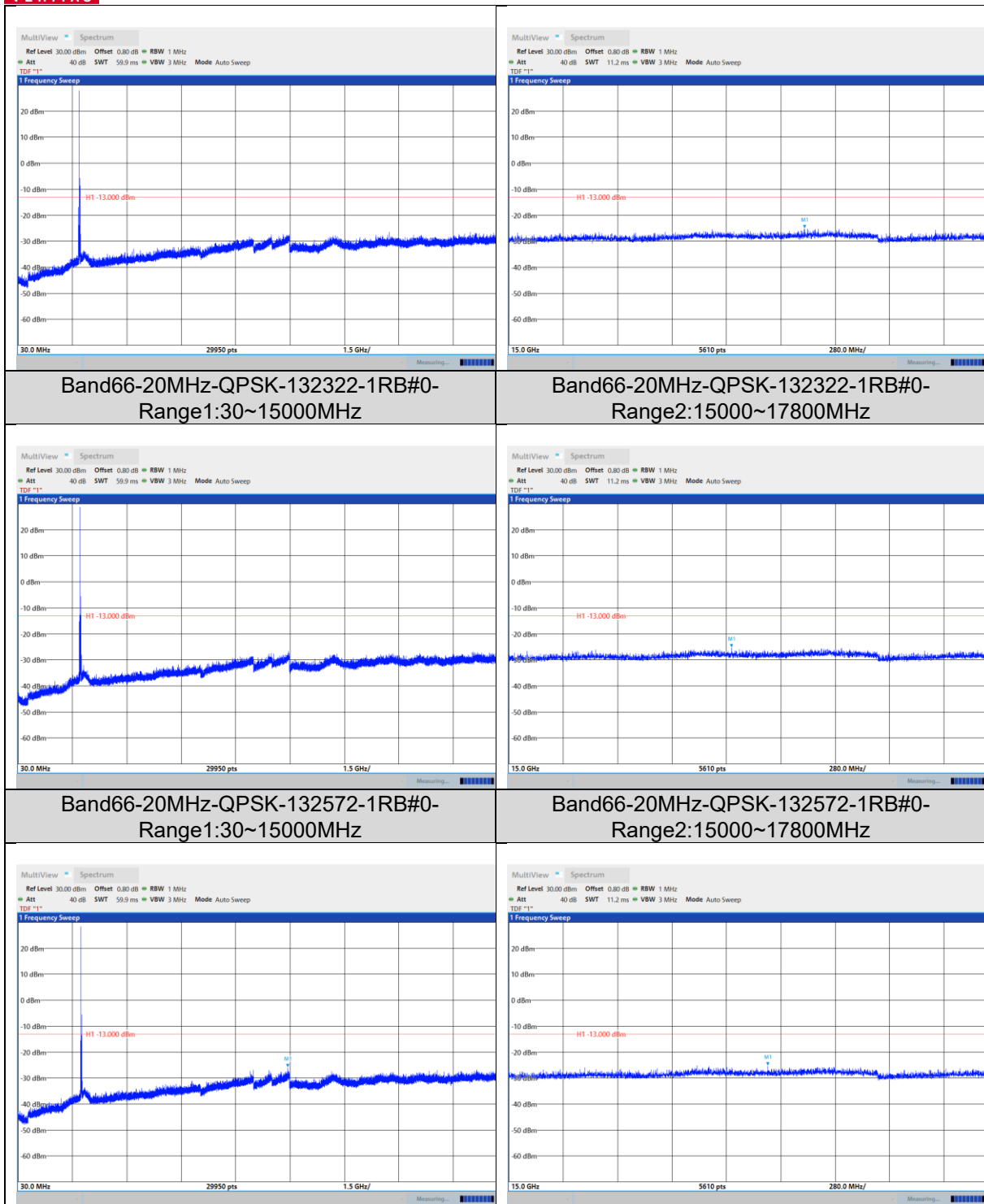


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FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band6_6	20MHz	QPSK	13207_2	100RB_#0	LV	NT	5.50	0.0032	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	NT	-1.70	-0.0010	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	HV	NT	-22.90	-0.0133	±2.5	PASS
Band6_6	20MHz	QPSK	13232_2	100RB_#0	LV	NT	26.40	0.0151	±2.5	PASS
Band6_6	20MHz	QPSK	13232_2	100RB_#0	NV	NT	14.60	0.0084	±2.5	PASS
Band6_6	20MHz	QPSK	13232_2	100RB_#0	HV	NT	9.50	0.0054	±2.5	PASS
Band6_6	20MHz	QPSK	13257_2	100RB_#0	LV	NT	-14.10	-0.0080	±2.5	PASS
Band6_6	20MHz	QPSK	13257_2	100RB_#0	NV	NT	-2.30	-0.0013	±2.5	PASS
Band6_6	20MHz	QPSK	13257_2	100RB_#0	HV	NT	29.70	0.0168	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	-30	24.40	0.0142	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	-20	17.60	0.0102	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	-10	-14.00	-0.0081	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	0	-30.50	-0.0177	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	10	-24.10	-0.0140	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	20	-10.40	-0.0060	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	30	-17.90	-0.0104	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	40	-2.40	-0.0014	±2.5	PASS
Band6_6	20MHz	QPSK	13207_2	100RB_#0	NV	50	10.30	0.0060	±2.5	PASS
Band6_6	20MHz	QPSK	13232_2	100RB_#0	NV	-30	30.40	0.0174	±2.5	PASS
Band6_6	20MHz	QPSK	13232_2	100RB_#0	NV	-20	-15.10	-0.0087	±2.5	PASS



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Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	-10	-29.00	- 0.0166	±2.5	PAS S
Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	0	34.10	0.0195	±2.5	PAS S
Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	10	15.60	0.0089	±2.5	PAS S
Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	20	-25.50	- 0.0146	±2.5	PAS S
Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	30	-19.10	- 0.0109	±2.5	PAS S
Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	40	16.90	0.0097	±2.5	PAS S
Band6 6	20MHz	QPSK	13232 2	100RB #0	NV	50	-16.80	- 0.0096	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	-30	23.70	0.0134	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	-20	-32.70	- 0.0185	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	-10	-8.10	- 0.0046	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	0	-34.80	- 0.0197	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	10	16.80	0.0095	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	20	-12.00	- 0.0068	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	30	-23.00	- 0.0130	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	40	29.60	0.0167	±2.5	PAS S
Band6 6	20MHz	QPSK	13257 2	100RB #0	NV	50	10.30	0.0058	±2.5	PAS S

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	1711.0580	≥ 1710	PASS
$f_H + \text{MAX}(\Delta f) $	1778.9480	≤ 1780	

- Note: 1. $|\text{MAX}(\Delta f)|$ = Max Deviation
 2. f_L = Occ low channel f_L (-13dBm/MHz)
 3. f_H = Occ High channel f_H (-13dBm/MHz)
 4. $|\text{MAX}(\Delta f)|$ = 34.80Hz.

--END--