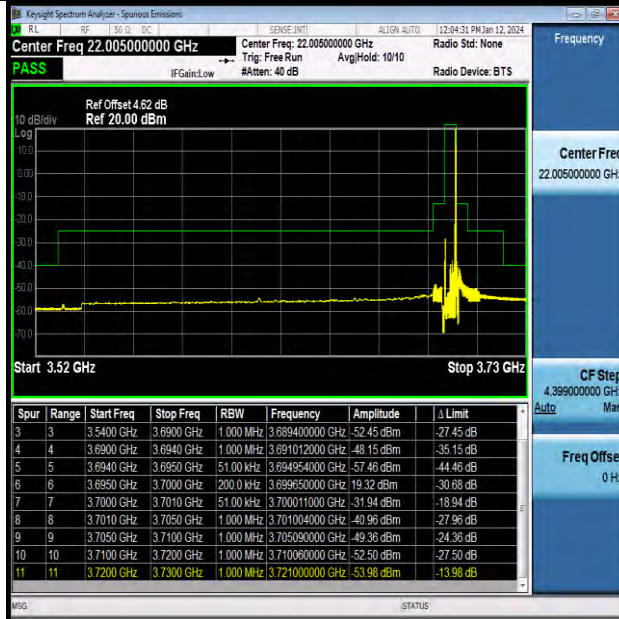


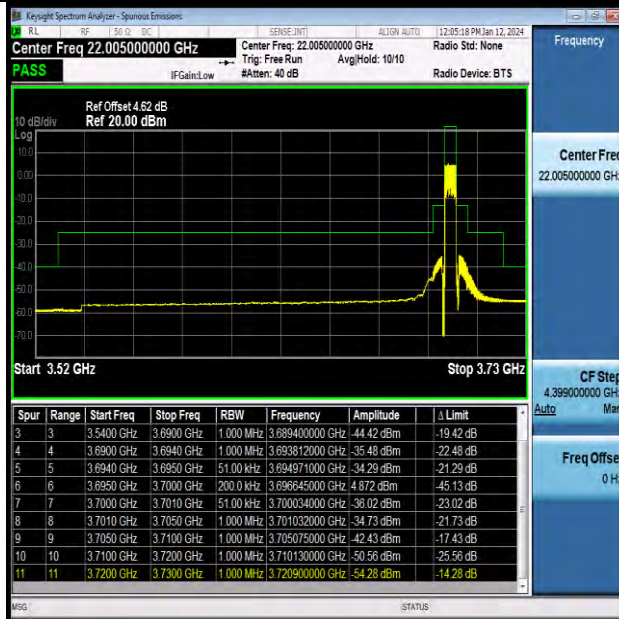


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48_5MHz_16QAM_56715_1RB#24



Band48_5MHz_16QAM_56715_25RB#0

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

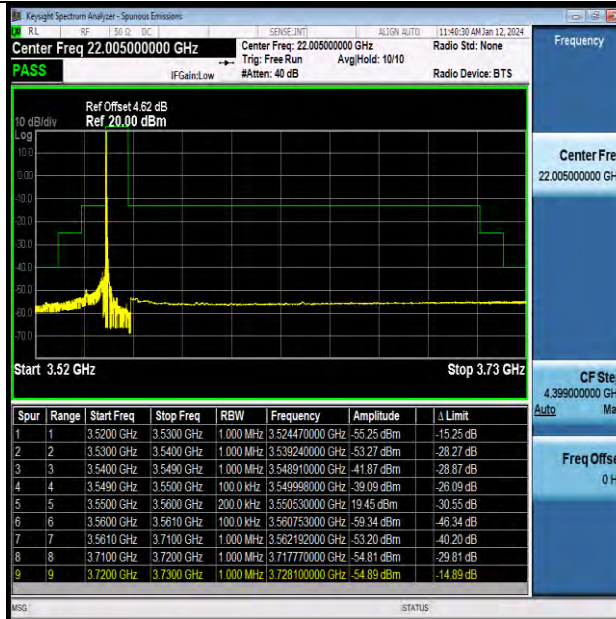
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz QPSK 55290 1RB#0



Band48 10MHz QPSK 55290 50RB#0

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

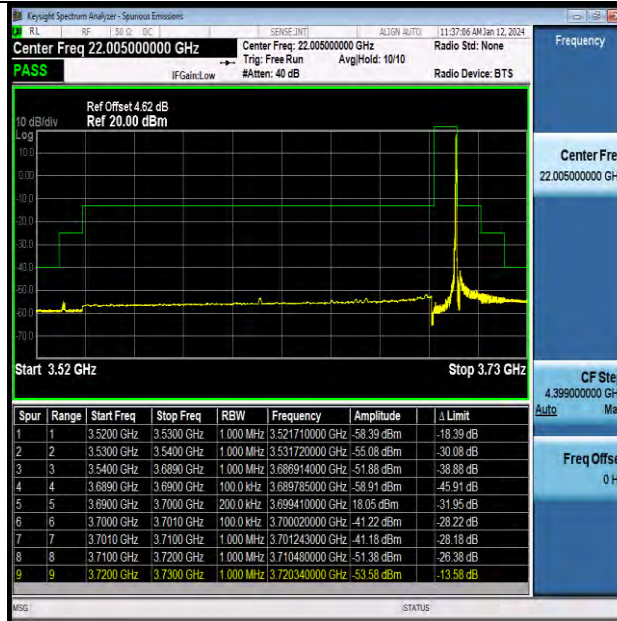
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

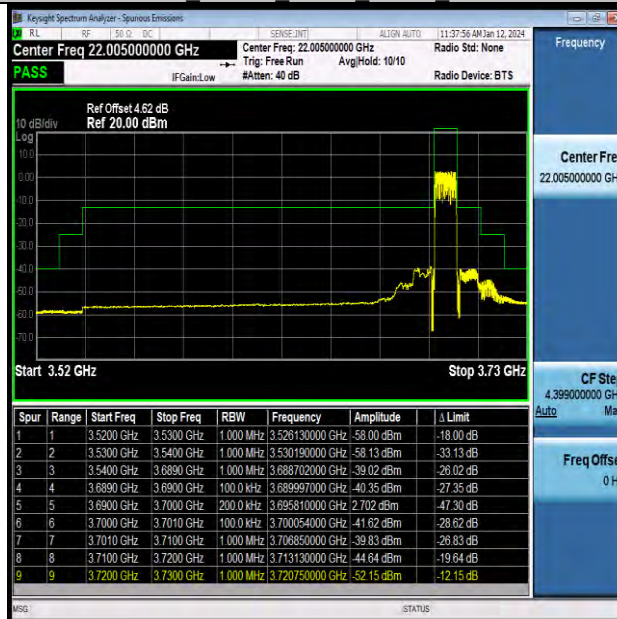


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz QPSK 56690 1RB#49



Band48 10MHz QPSK 56690 50RB#0

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

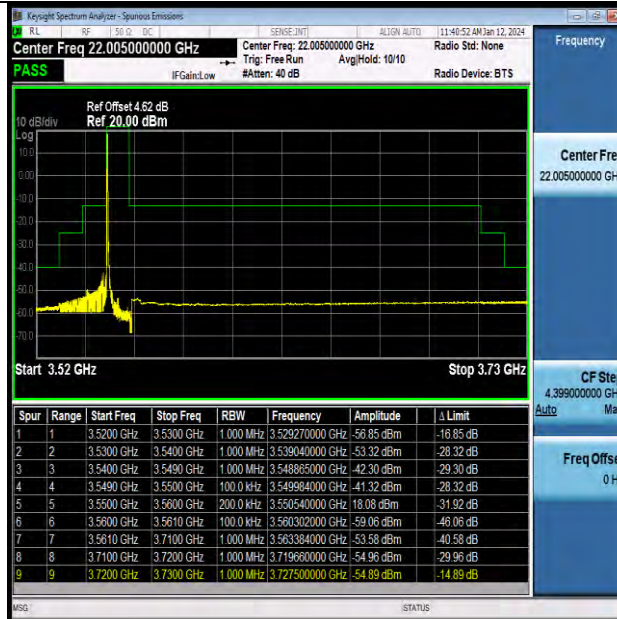
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

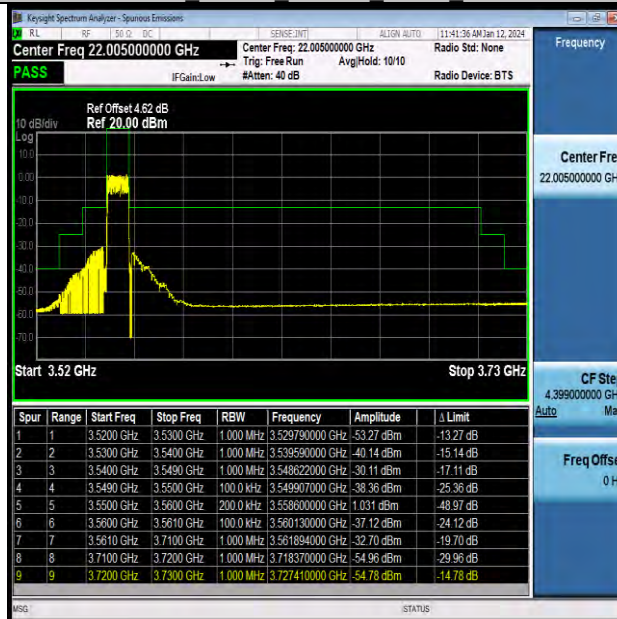


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz 16QAM 55290 1RB#0



Band48 10MHz 16QAM 55290 50RB#0

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

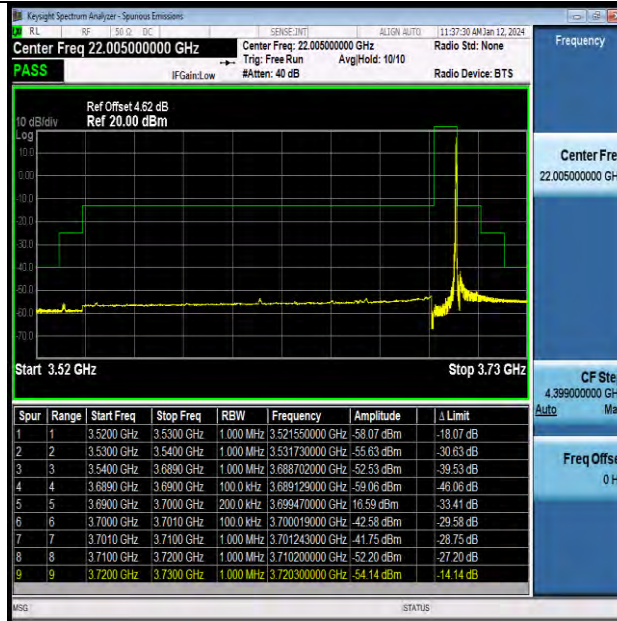
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

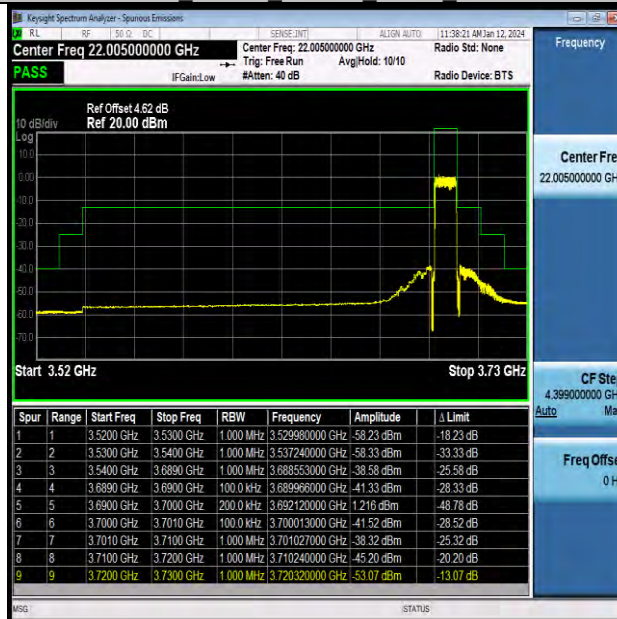


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz 16QAM 56690 1RB#49



Band48 10MHz 16QAM 56690 50RB#0

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

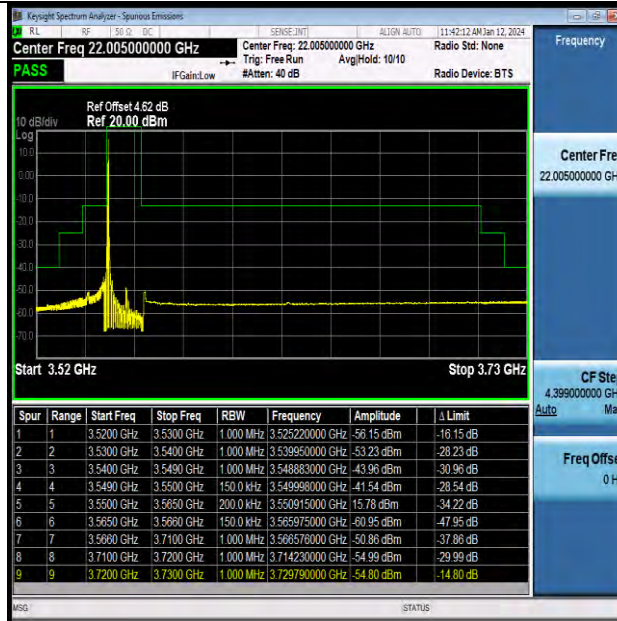
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

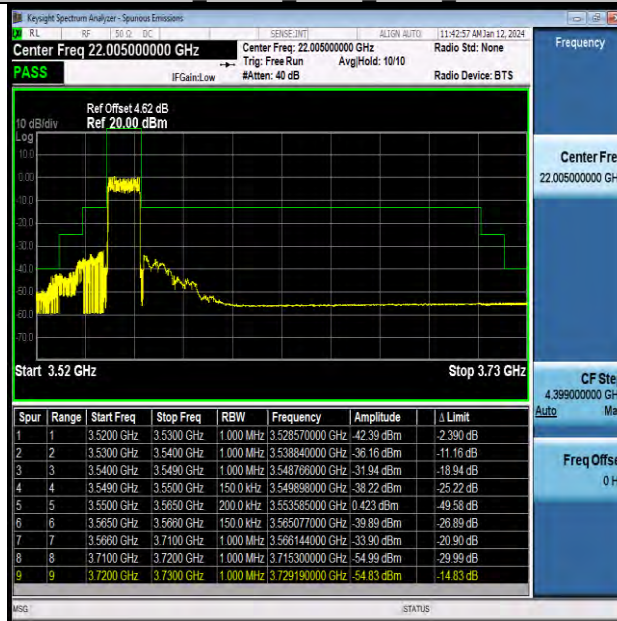


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz QPSK 55315 1RB#0



Band48 15MHz QPSK 55315 75RB#0

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

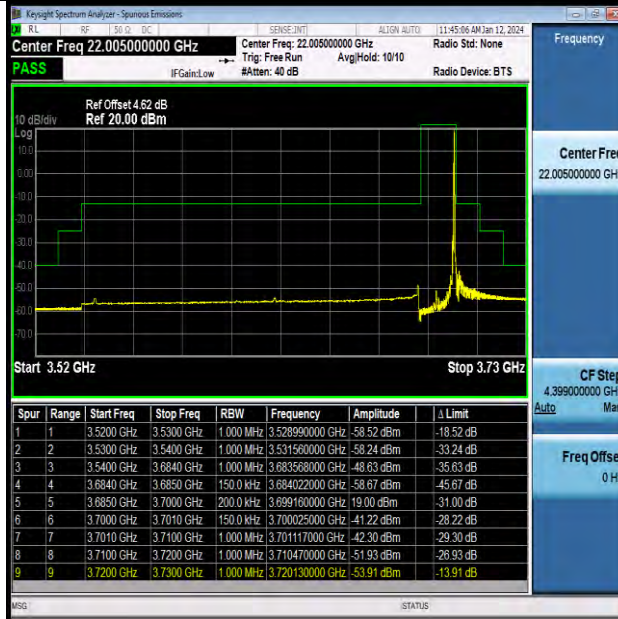
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz QPSK 56665 1RB#74



Band48 15MHz QPSK 56665 75RB#0

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

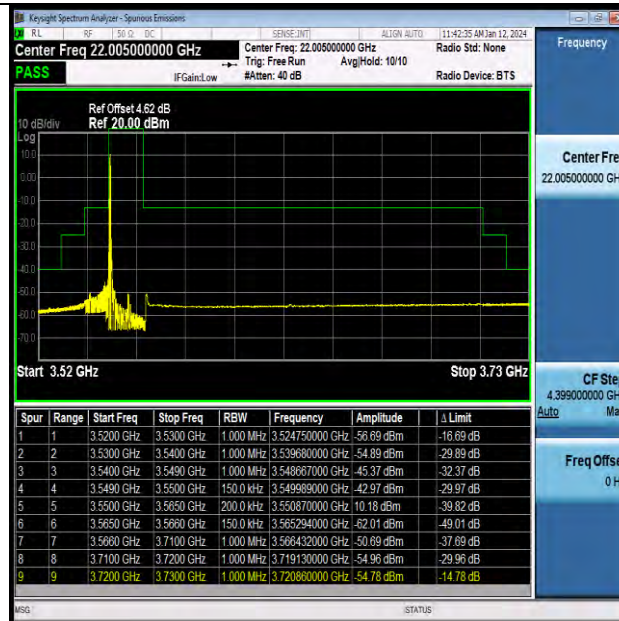
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

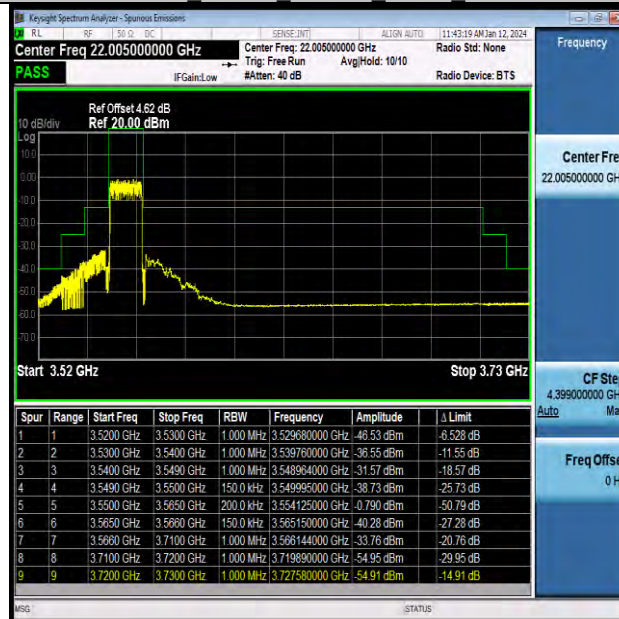


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz 16QAM 55315 1RB#0



Band48 15MHz 16QAM 55315 75RB#0

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

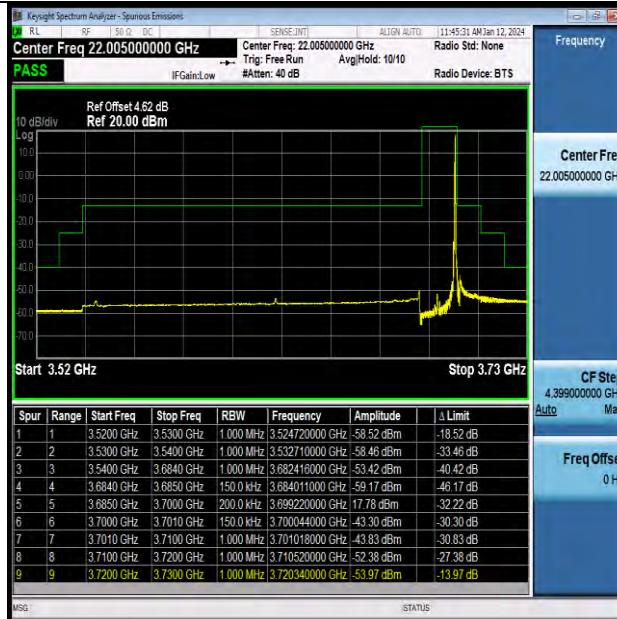
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz 16QAM 56665 1RB#74



Band48 15MHz 16QAM 56665 75RB#0

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

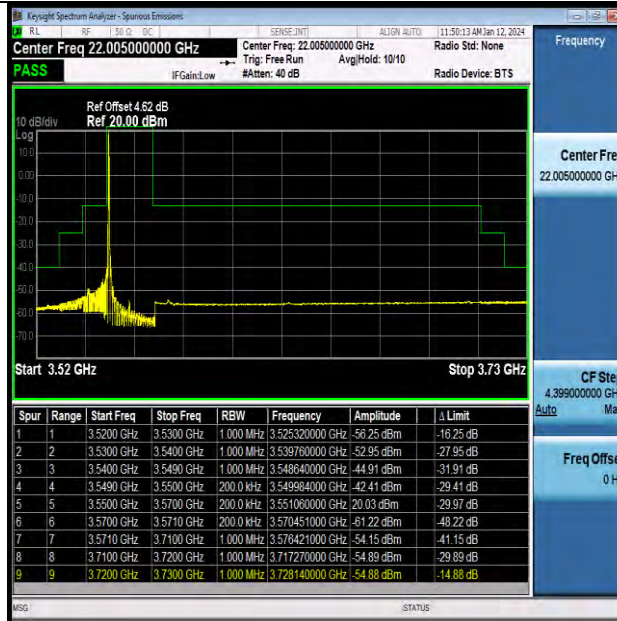
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 20MHz QPSK 55340 1RB#0



Band48 20MHz QPSK 55340 100RB#0

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

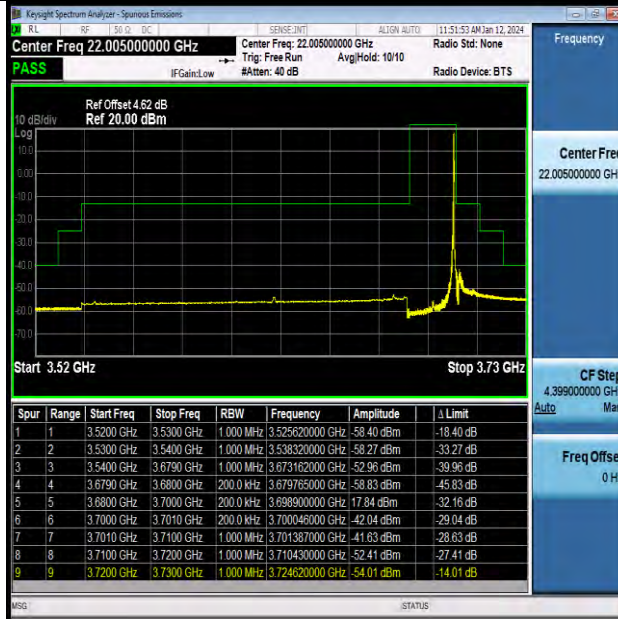
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

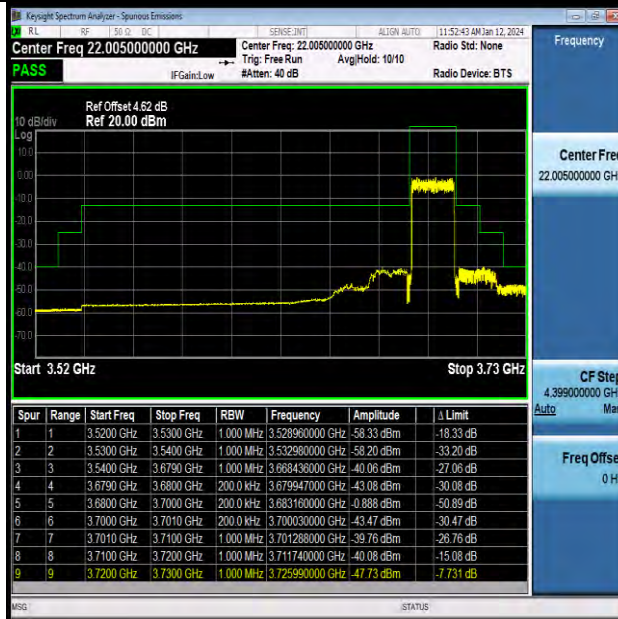


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 20MHz QPSK 56640 1RB#99



Band48 20MHz QPSK 56640 100RB#0

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

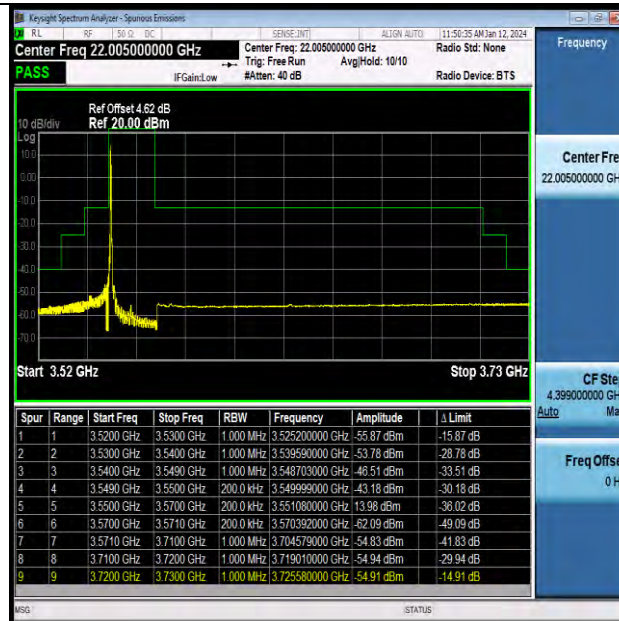
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

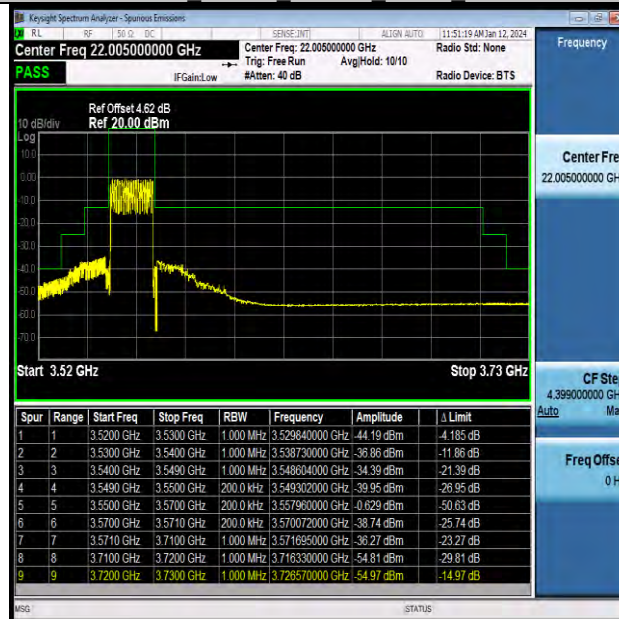


BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48_20MHz_16QAM_55340_1RB#0



Band48_20MHz_16QAM_55340_100RB#0

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

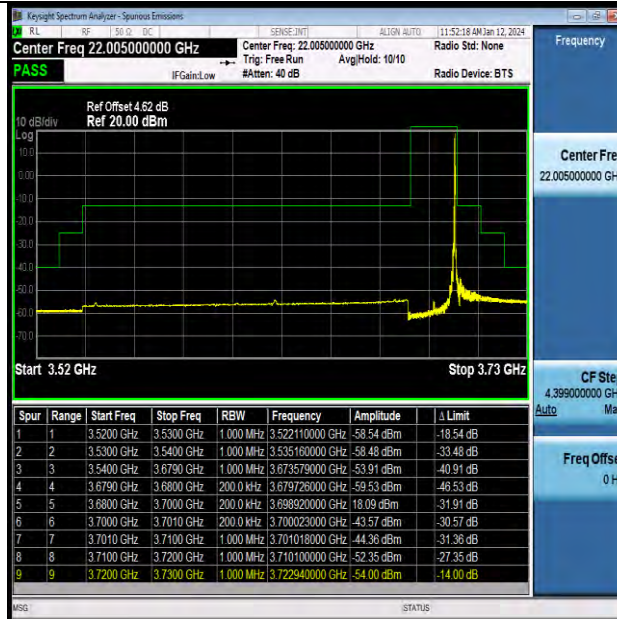
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 20MHz 16QAM 56640 1RB#99



Band48 20MHz 16QAM 56640 100RB#0

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



CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band48	5MHz	QPSK	55265	1RB#0	30~1000	-68.15	PASS
Band48	5MHz	QPSK	55265	1RB#0	1000~40000	-45.97	PASS
Band48	5MHz	QPSK	55990	1RB#0	30~1000	-68.13	PASS
Band48	5MHz	QPSK	55990	1RB#0	1000~40000	-45.01	PASS
Band48	5MHz	QPSK	56715	1RB#0	30~1000	-68.20	PASS
Band48	5MHz	QPSK	56715	1RB#0	1000~40000	-44.37	PASS
Band48	10MHz	QPSK	55290	1RB#0	30~1000	-67.95	PASS
Band48	10MHz	QPSK	55290	1RB#0	1000~40000	-46.82	PASS
Band48	10MHz	QPSK	55990	1RB#0	30~1000	-68.19	PASS
Band48	10MHz	QPSK	55990	1RB#0	1000~40000	-43.87	PASS
Band48	10MHz	QPSK	56690	1RB#0	30~1000	-68.18	PASS
Band48	10MHz	QPSK	56690	1RB#0	1000~40000	-45.73	PASS
Band48	15MHz	QPSK	55315	1RB#0	30~1000	-67.97	PASS
Band48	15MHz	QPSK	55315	1RB#0	1000~40000	-45.17	PASS
Band48	15MHz	QPSK	55990	1RB#0	30~1000	-68.16	PASS
Band48	15MHz	QPSK	55990	1RB#0	1000~40000	-46.84	PASS
Band48	15MHz	QPSK	56665	1RB#0	30~1000	-68.15	PASS
Band48	15MHz	QPSK	56665	1RB#0	1000~40000	-44.87	PASS
Band48	20MHz	QPSK	55340	1RB#0	30~1000	-68.02	PASS
Band48	20MHz	QPSK	55340	1RB#0	1000~40000	-46.49	PASS
Band48	20MHz	QPSK	55990	1RB#0	30~1000	-68.21	PASS
Band48	20MHz	QPSK	55990	1RB#0	1000~40000	-43.85	PASS
Band48	20MHz	QPSK	56640	1RB#0	30~1000	-68.25	PASS
Band48	20MHz	QPSK	56640	1RB#0	1000~40000	-45.91	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06

TEST GRAPHS



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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 5MHz QPSK 55990 1RB#0 30~1000 30~1000



Band48 5MHz QPSK 55990 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 5MHz QPSK 56715 1RB#0 30~1000 30~1000



Band48 5MHz QPSK 56715 1RB#0 1000~40000 1000~40000

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

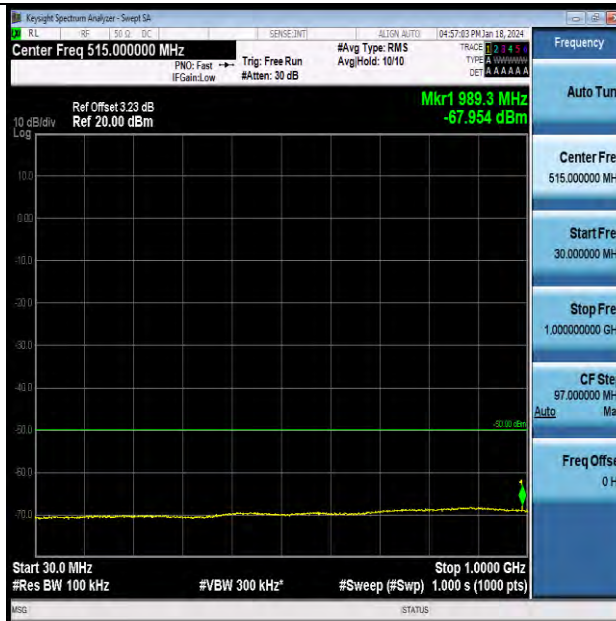
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz QPSK 55290 1RB#0 30~1000 30~1000



Band48 10MHz QPSK 55290 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz QPSK 55990 1RB#0 30~1000 30~1000



Band48 10MHz QPSK 55990 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 10MHz QPSK 56690 1RB#0 30~1000 30~1000



Band48 10MHz QPSK 56690 1RB#0 1000~40000 1000~40000

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

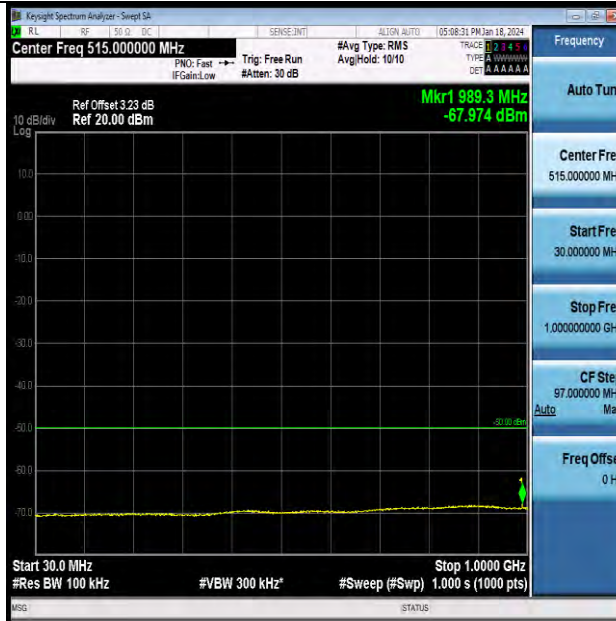
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz QPSK 55315 1RB#0 30~1000 30~1000



Band48 15MHz QPSK 55315 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz QPSK 55990 1RB#0 30~1000 30~1000



Band48 15MHz QPSK 55990 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 15MHz QPSK 56665 1RB#0 30~1000 30~1000



Band48 15MHz QPSK 56665 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 20MHz QPSK 55340 1RB#0 30~1000 30~1000



Band48 20MHz QPSK 55340 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 20MHz QPSK 55990 1RB#0 30~1000 30~1000



Band48 20MHz QPSK 55990 1RB#0 1000~40000 1000~40000

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



BUREAU
VERITAS

Test Report No.: W7L-P23120020RF06



Band48 20MHz QPSK 56640 1RB#0 30~1000 30~1000



Band48 20MHz QPSK 56640 1RB#0 1000~40000 1000~40000

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



FREQUENCY STABILITY TEST RESULT

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	10MHz	QPSK	55290	50RB#0	VN	NT	-4.61	-0.001297	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	VL	NT	-4.11	-0.001156	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	VH	NT	-5.79	-0.001629	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	VN	NT	-5.71	-0.001575	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	VL	NT	-4.39	-0.001211	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	VH	NT	-8.21	-0.002265	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	VN	NT	-7.57	-0.002049	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	VL	NT	-3.49	-0.000945	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	VH	NT	-6.57	-0.001778	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	10MHz	QPSK	55290	50RB#0	NV	-30	-7.48	-0.002104	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	-20	-5.51	-0.001550	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	-10	-7.64	-0.002149	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	0	-4.05	-0.001139	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	10	4.76	0.001339	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	20	-7.11	-0.002000	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	30	-3.49	-0.000982	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	40	-6.72	-0.001890	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	50	-4.59	-0.001291	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	-30	-7.04	-0.001942	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	-20	-8.53	-0.002353	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	-10	-7.70	-0.002124	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	0	-6.35	-0.001752	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	10	-6.72	-0.001854	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	20	-5.65	-0.001559	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	30	-7.98	-0.002201	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	40	-8.94	-0.002466	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	50	-8.24	-0.002273	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-30	-4.12	-0.001115	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-20	-8.43	-0.002281	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-10	-8.08	-0.002187	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	0	-7.98	-0.002160	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	10	-9.78	-0.002647	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	20	-9.08	-0.002457	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	30	-4.99	-0.001350	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	40	-4.15	-0.001123	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	50	-8.80	-0.002382	±2.5	PASS

--END--