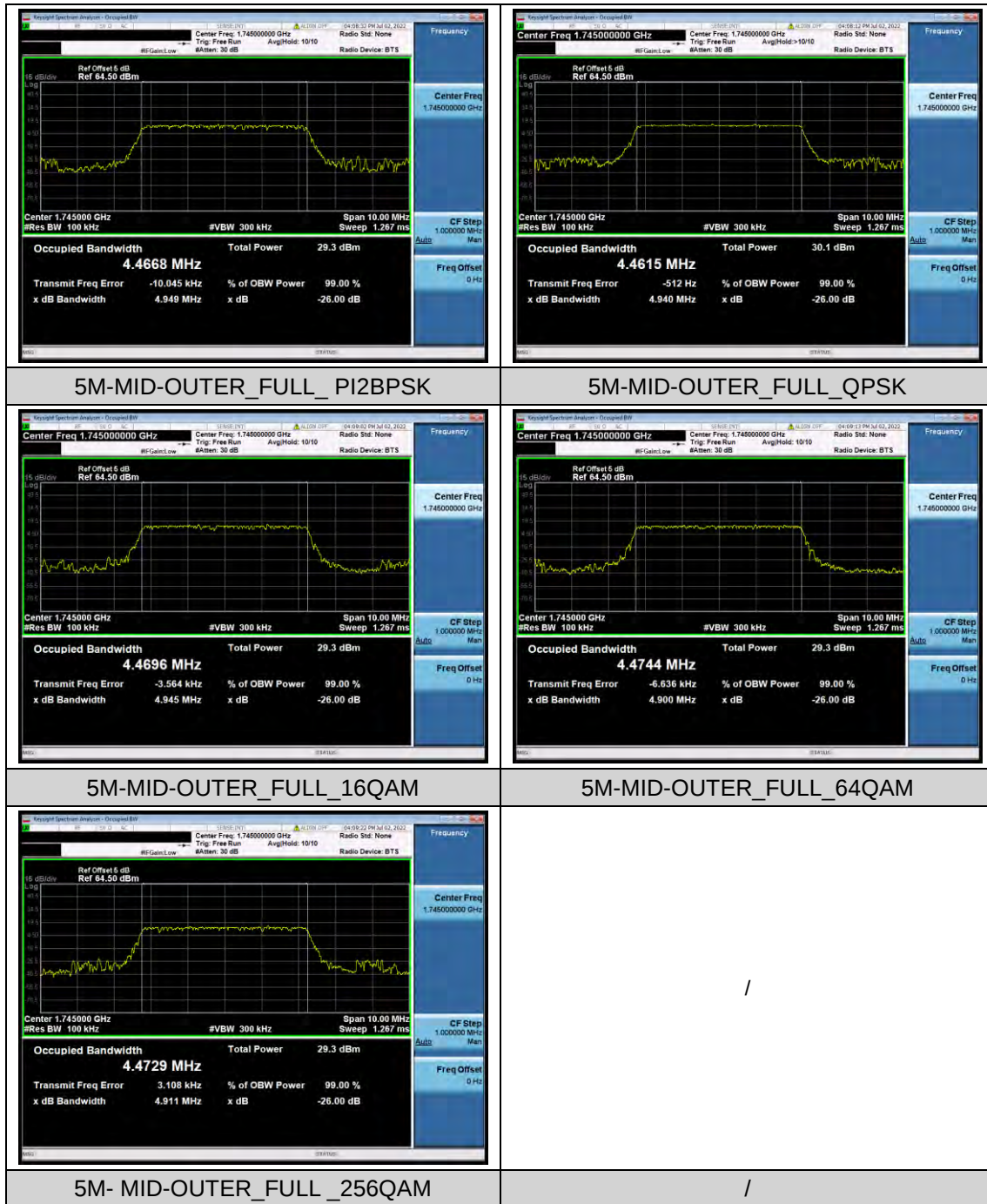


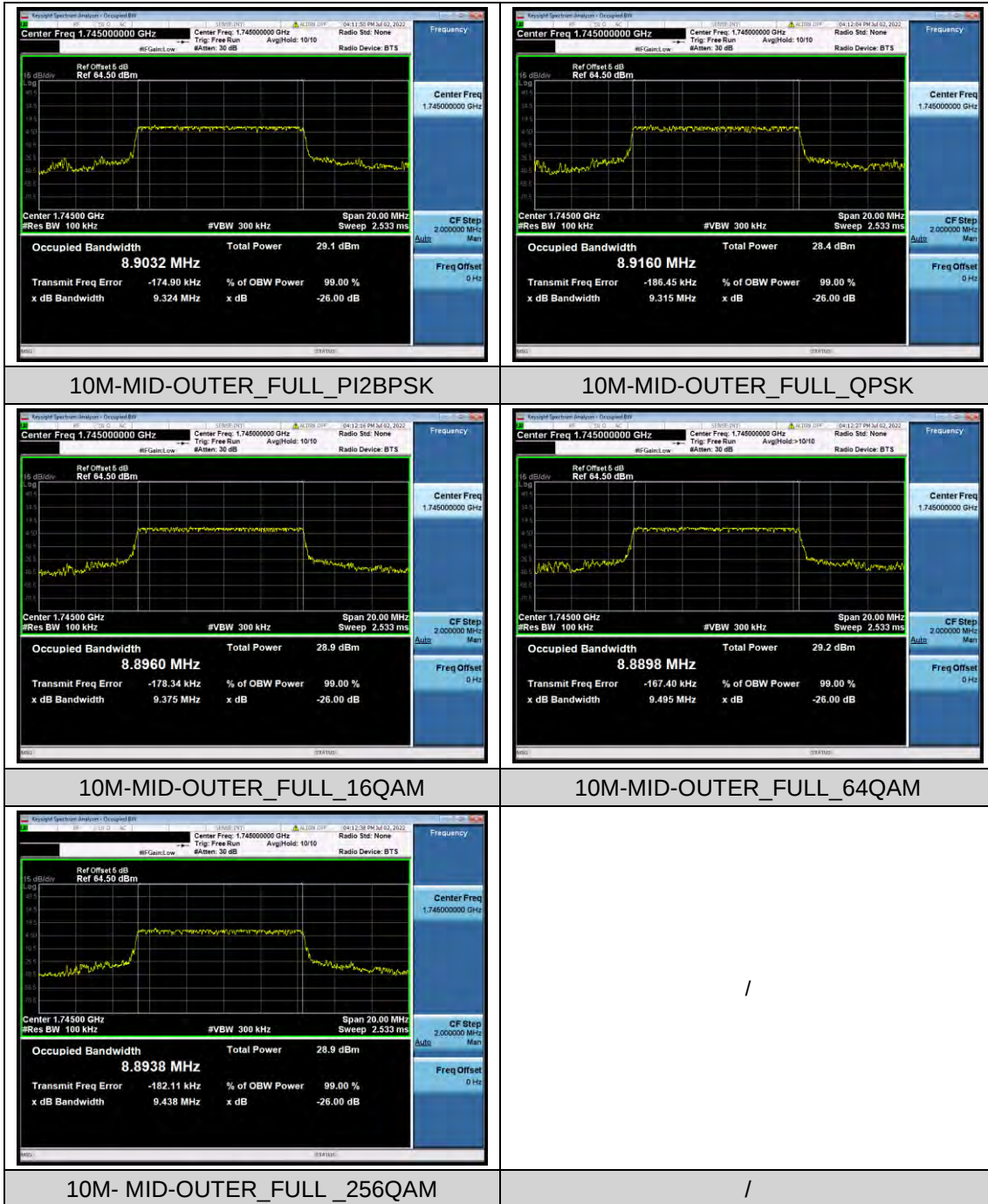
TEST GRAPHS





BUREAU
VERITAS

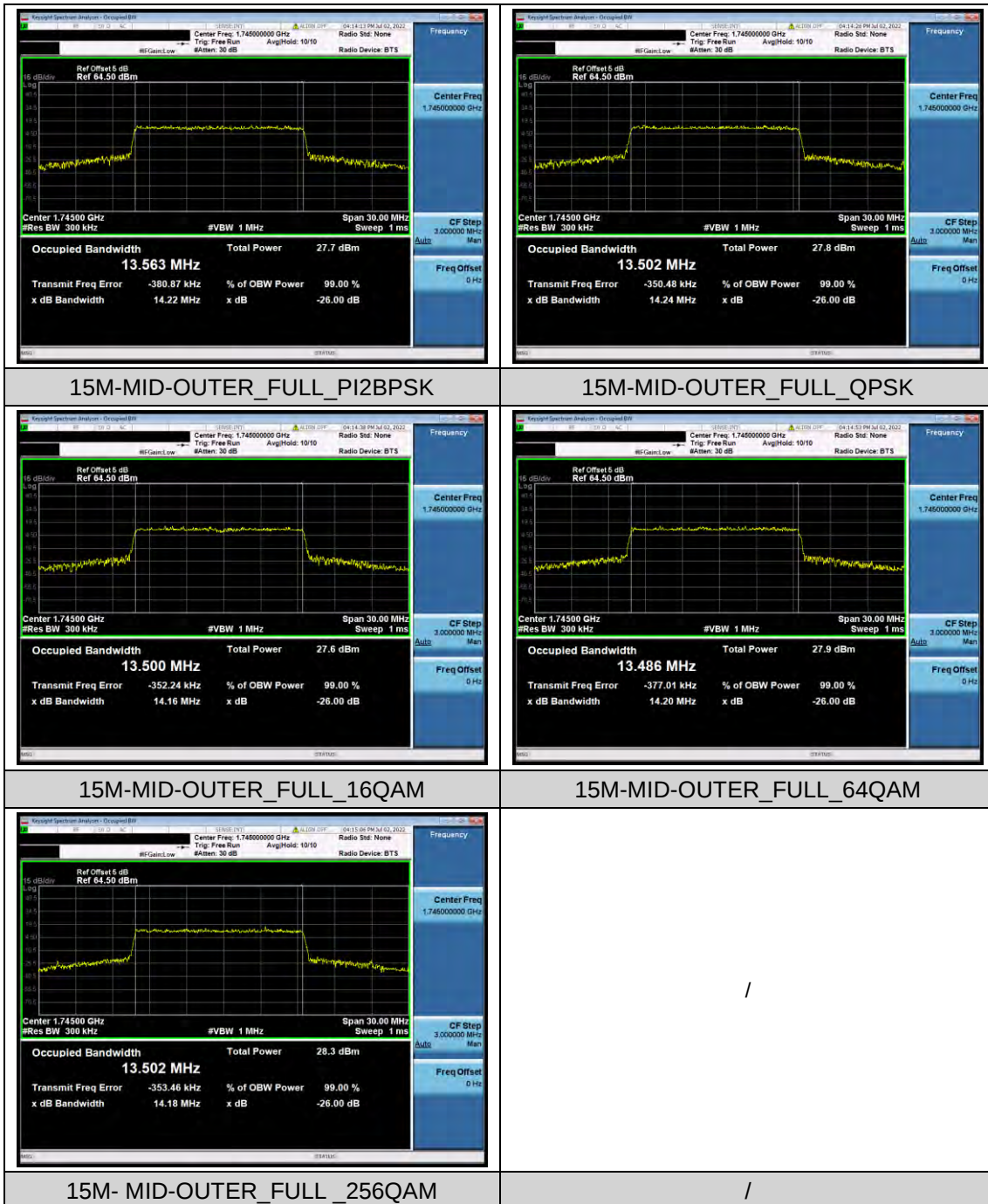
Test Report No.: W7L-220214W001RF06

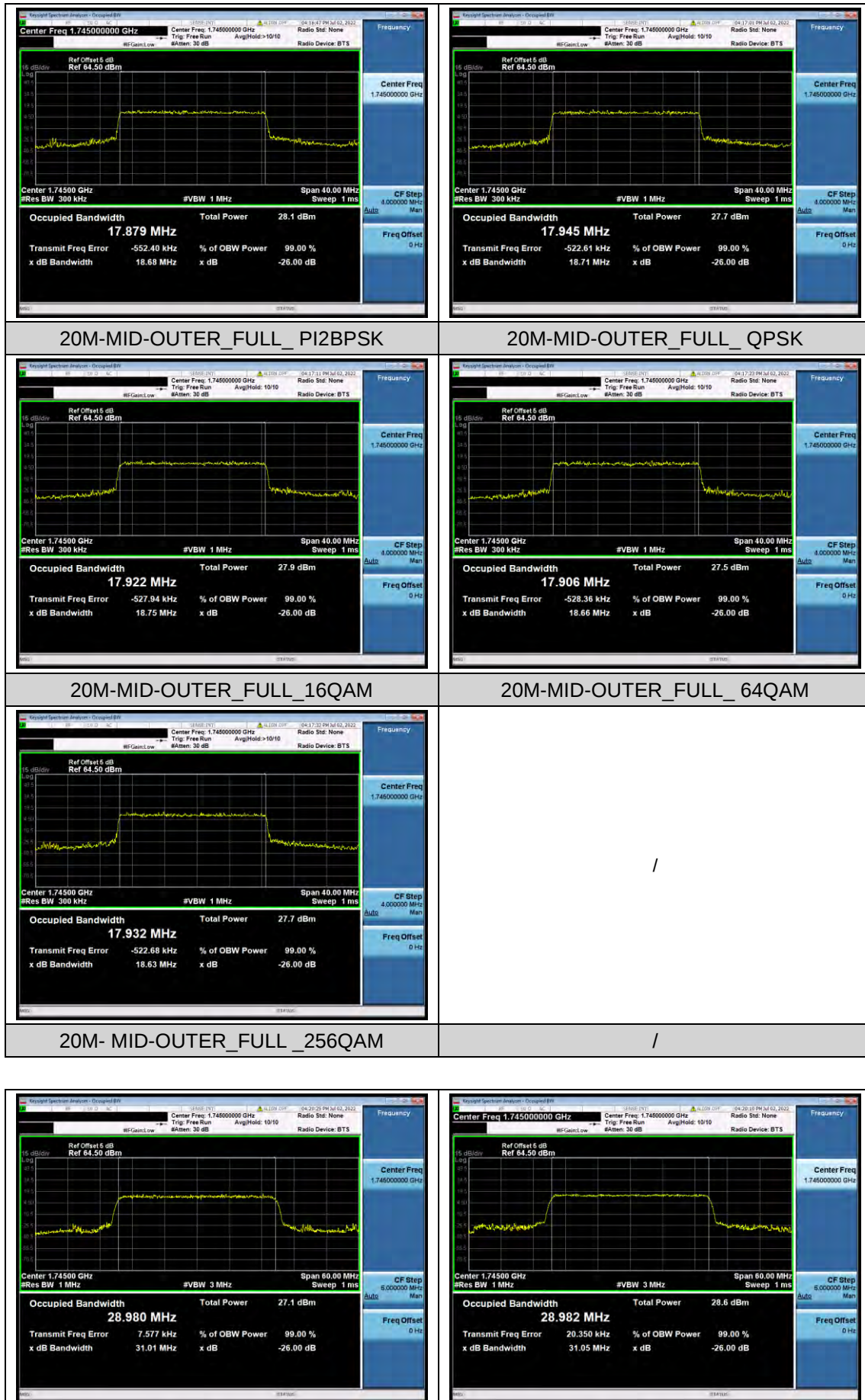




BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06

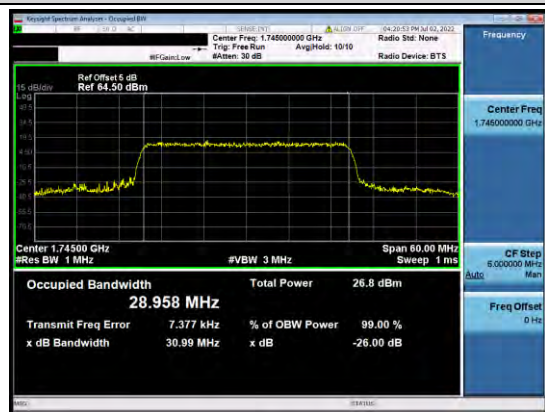




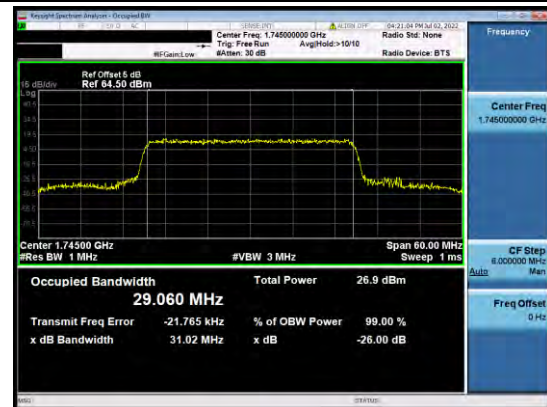
30M-MID-OUTER_FULL_PI2BPSK



30M-MID-OUTER_FULL_QPSK



30M-MID-OUTER_FULL_16QAM

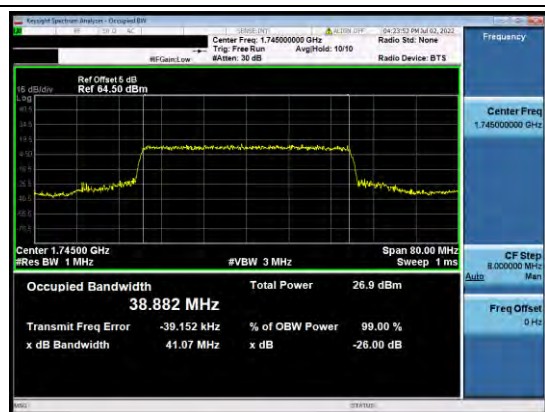


30M-MID-OUTER_FULL_64QAM

/

30M- MID-OUTER_FULL_256QAM

/



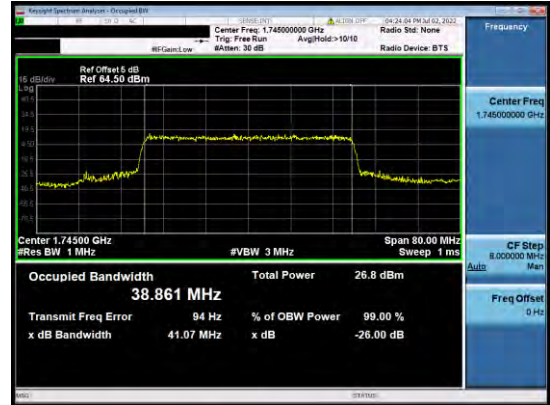
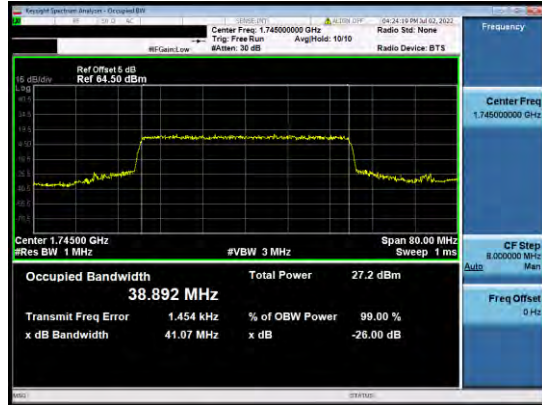
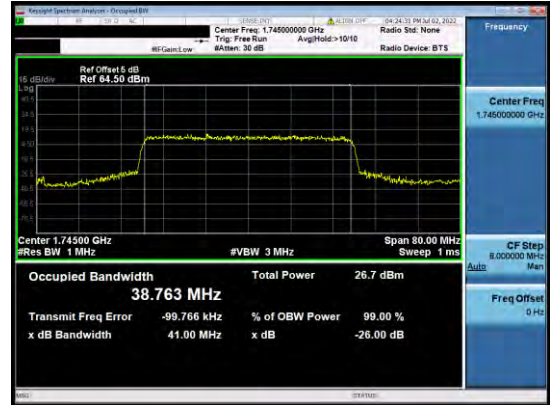
40M-MID-OUTER_FULL_PI2BPSK

40M-MID-OUTER_FULL_QPSK



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06

	
40M-MID-OUTER_FULL_16QAM	40M-MID-OUTER_FULL_64QAM
	/
40M- MID-OUTER_FULL_256QAM	/

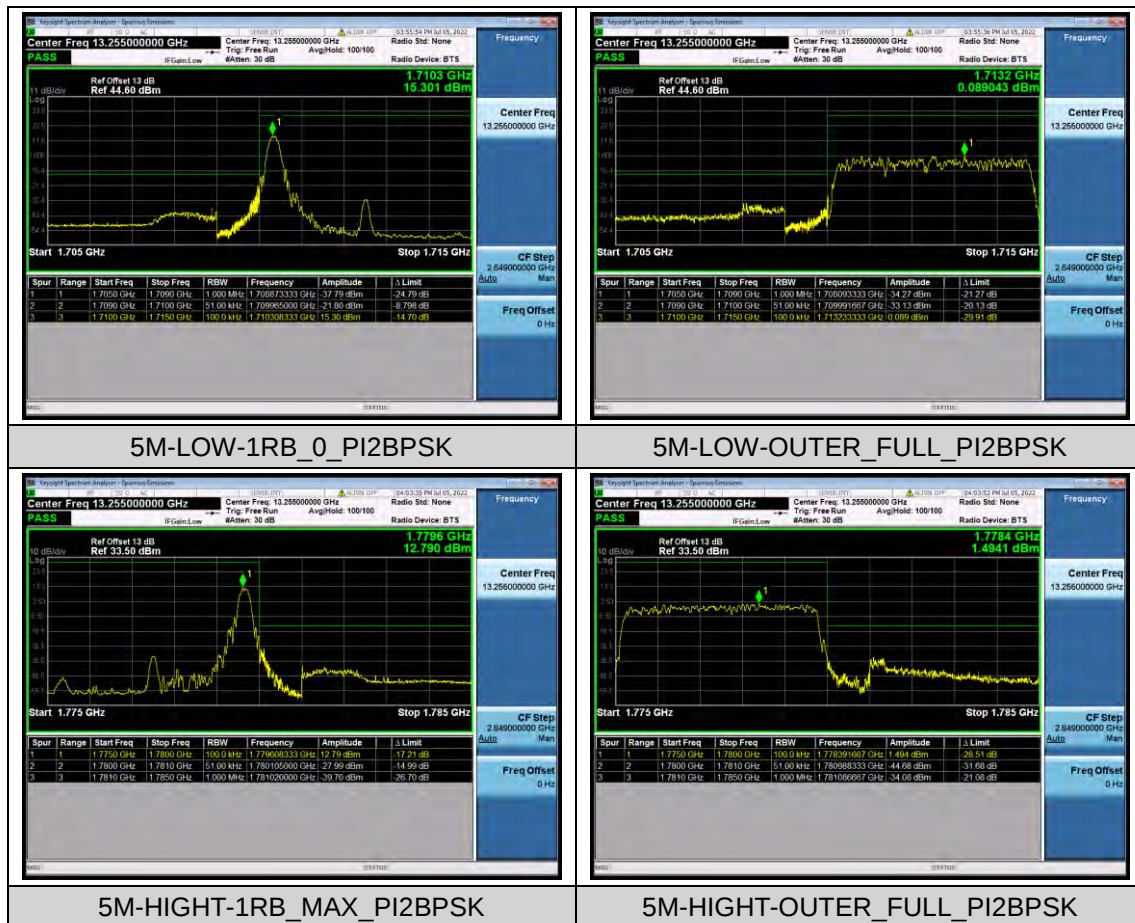
BAND EDGE

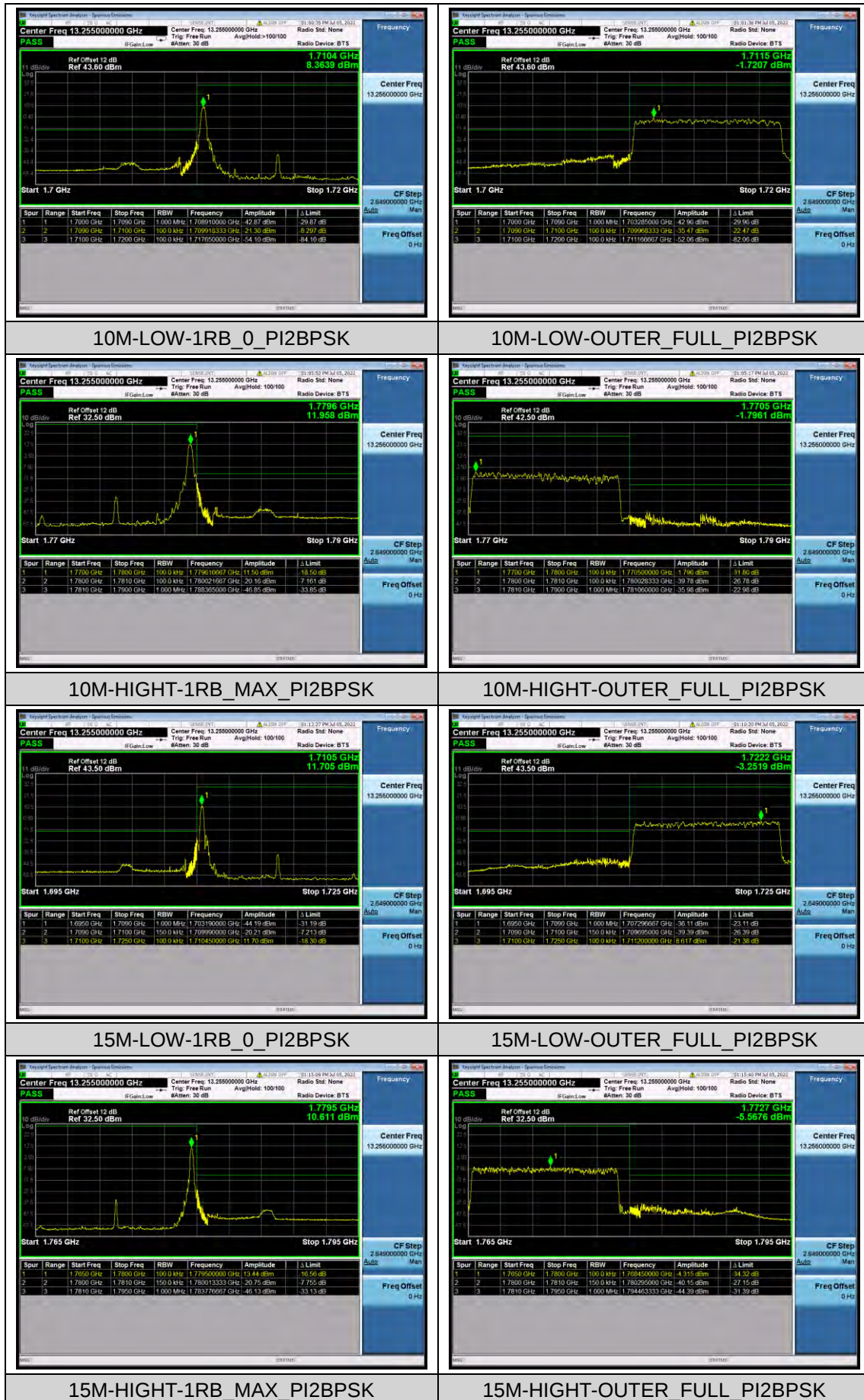
TEST RESULT

BAND	SCS	BANDWIDTH	MODULATION	CHANNEL	RB CONFIG (NR)	RESULT	VERDICT
N66	15KHZ	5MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N66	15KHZ	5MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N66	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	10MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N66	15KHZ	10MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N66	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	15MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N66	15KHZ	15MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N66	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	20MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N66	15KHZ	20MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N66	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	30MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS

N66	15KHZ	30MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	30MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N66	15KHZ	30MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	40MHZ	DFT-PI2BP SK	LOW	1RB_0	SEE GRAPH	PASS
N66	15KHZ	40MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N66	15KHZ	40MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N66	15KHZ	40MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS

TEST GRAPHS

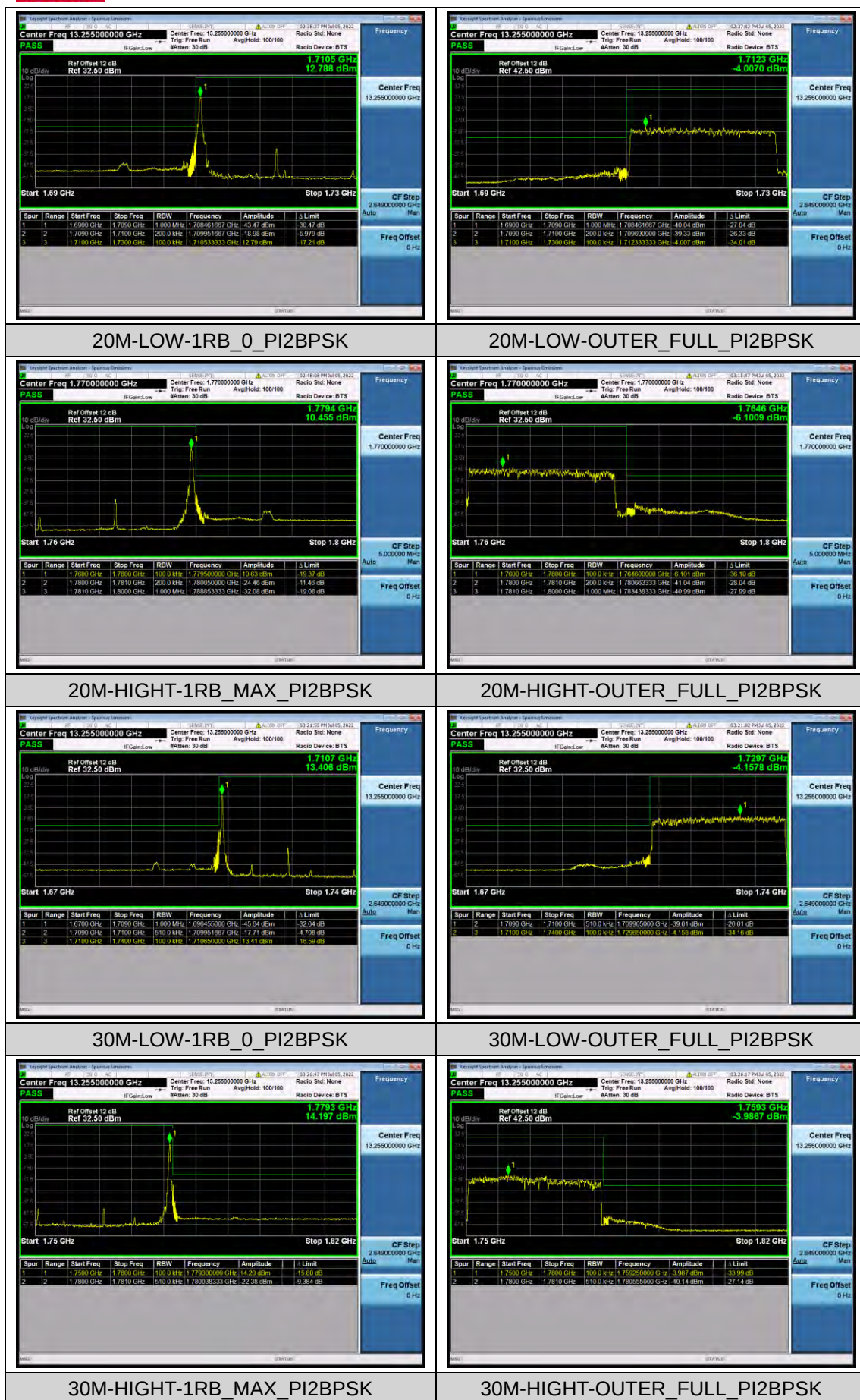






BUREAU
VERITAS

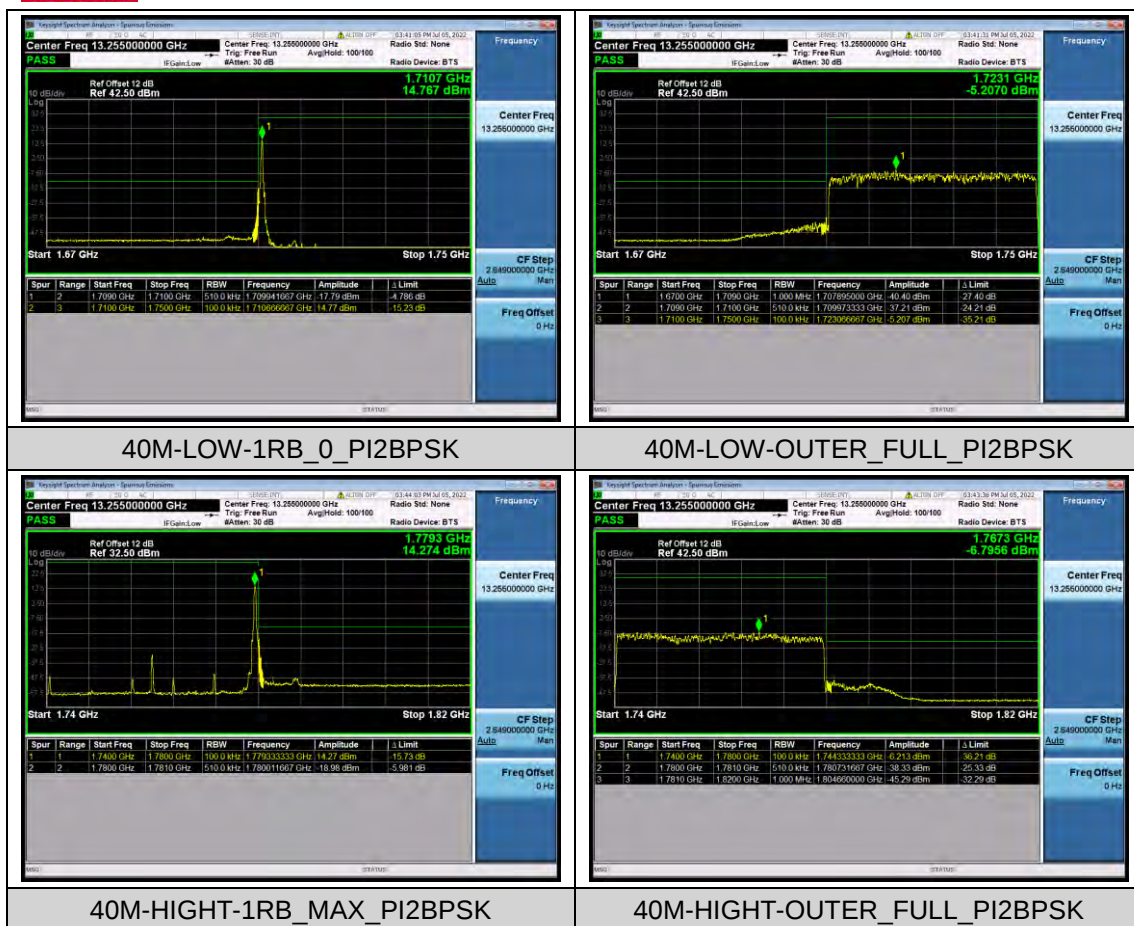
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06

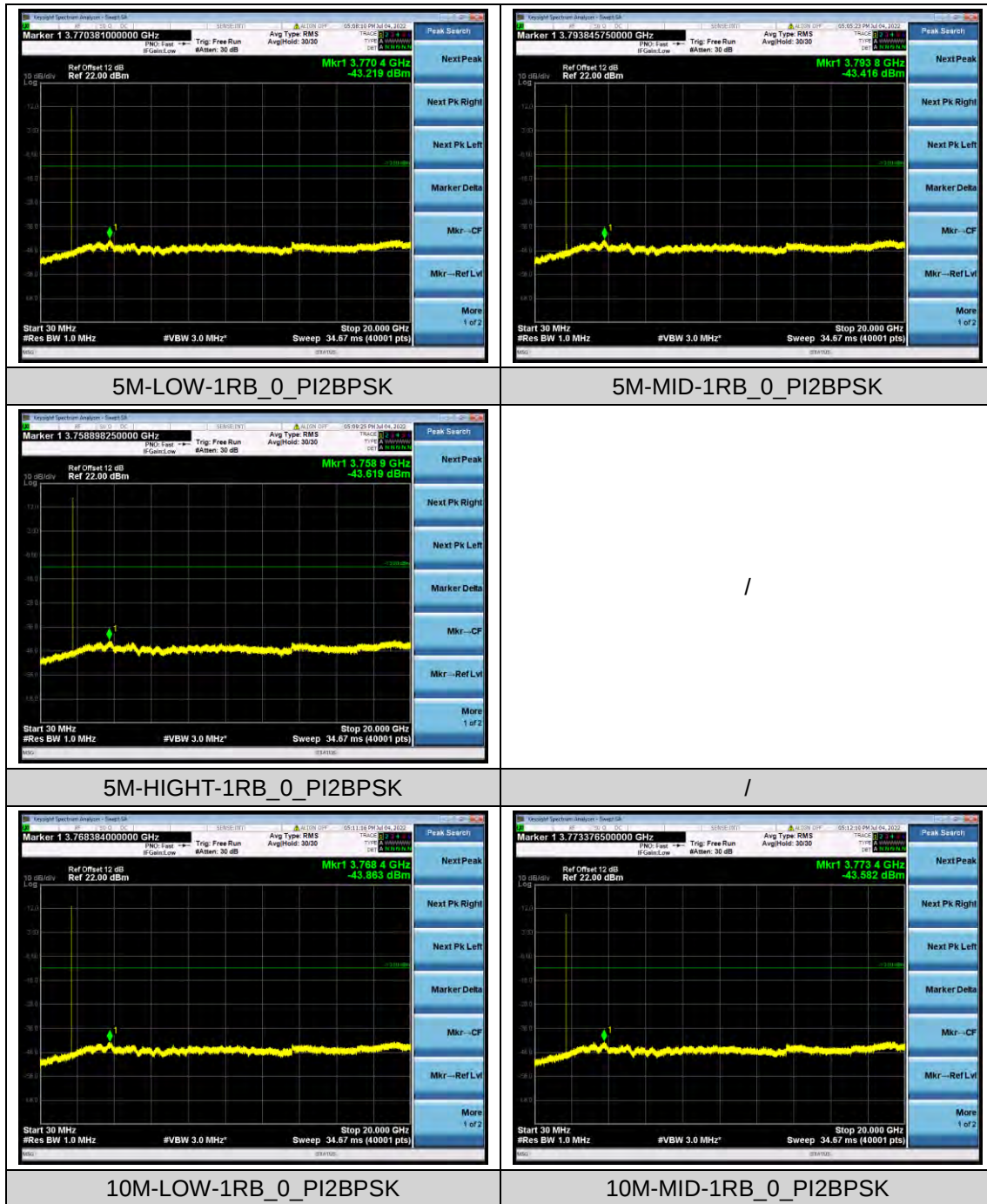


CONDUCTED SPURIOUS EMISSION FOR SA

TEST RESULT

BAND	SCS	BAND WIDTH	MODULATI ON	CHANN EL	RB CONFIG (NR)	STARTF REQ	STOPFR EQ	RESULT	LIMIT (dBm)	VERDI CT
N66	15KH Z	5MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	5MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	5MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	10MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	10MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	10MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	15MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	15MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	15MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	20MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	20MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N66	15KH Z	20MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS

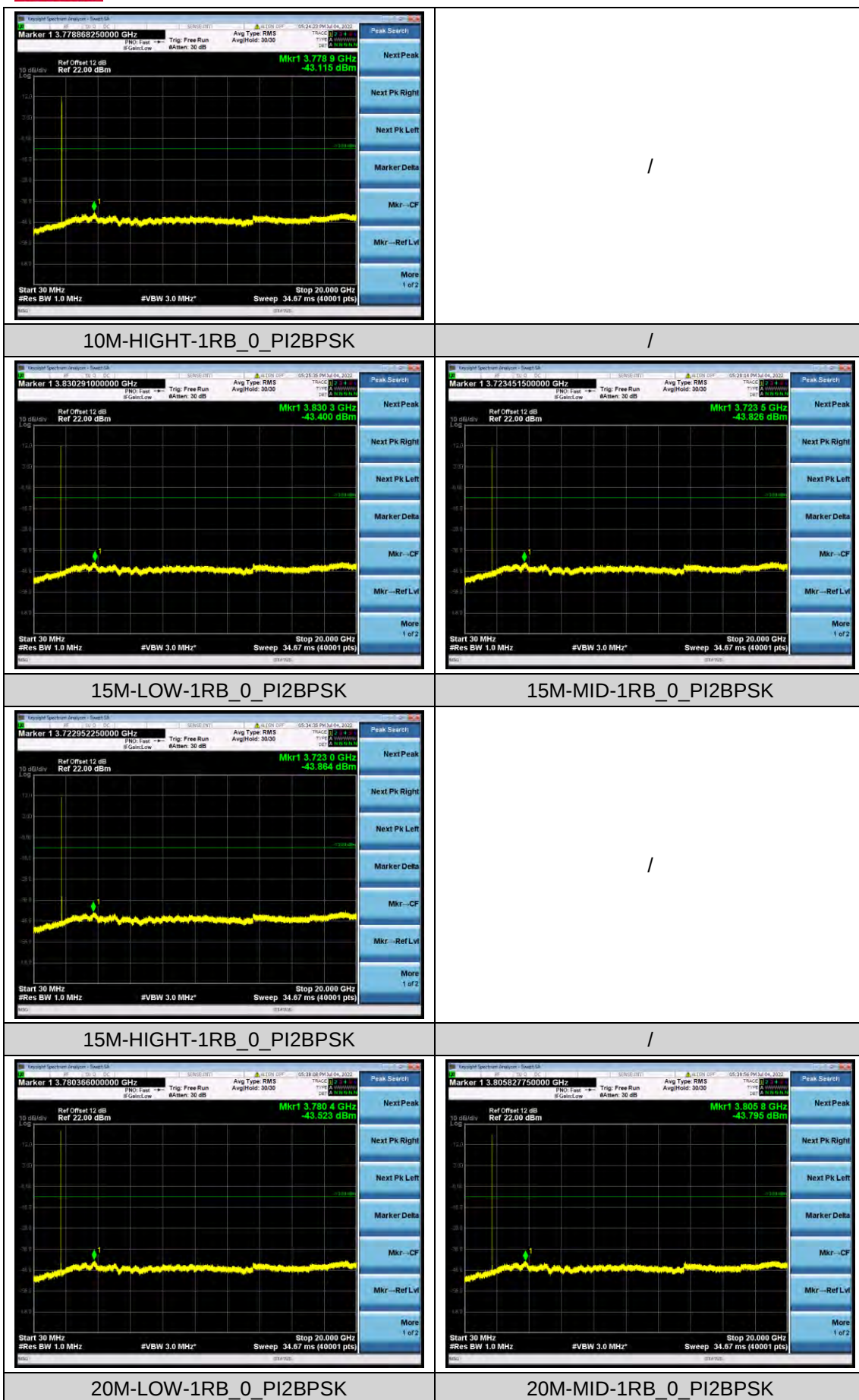
TEST GRAPHS





BUREAU
VERITAS

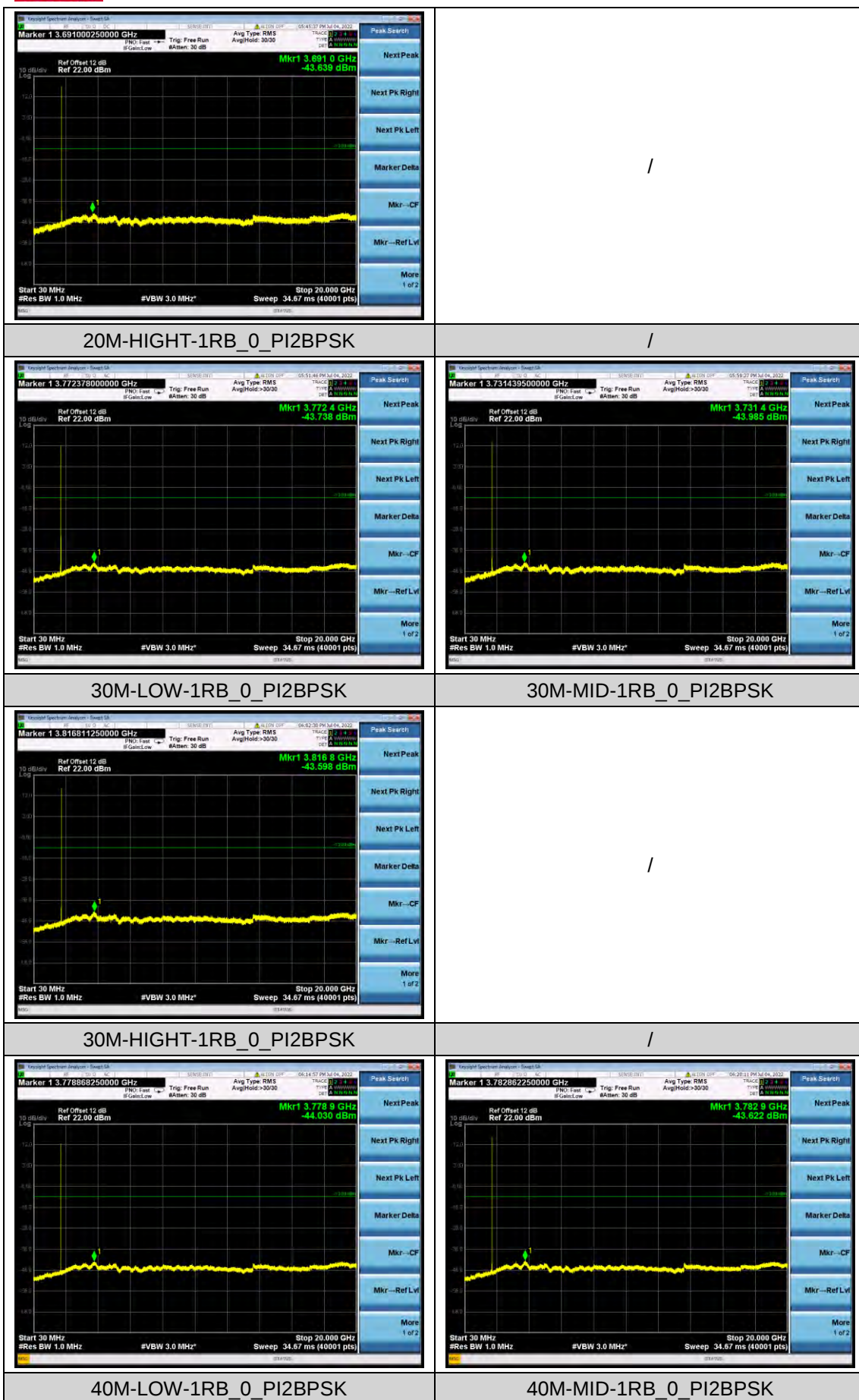
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06



FREQUENCY STABILITY FOR NSA

TEST RESULT

EN_N66 / BANDWIDTH: 40MHZ / NTNV												
MOD.	RB ALLOCATION		TEMP. (°C)	VOLTAGE (VDC)	FREQ. ERROR (HZ)			FREQ. VS. RATED (PPM)				VERDICT
	SIZE	OFFSET			LCH	MCH	HCH	LCH	MCH	HCH	LIMIT	
PI2BPSK	FULL	0	20	3.6	1.54	1.58	1.69	0.0009	0.0009	0.0010	-2.5 TO 2.5	PASS
				4.0	-1.49	-1.54	-1.84	-0.0009	-0.0009	-0.0010	-2.5 TO 2.5	PASS
				4.4	1.47	1.59	1.34	0.0008	0.0009	0.0008	-2.5 TO 2.5	PASS
			-30	4.0	-9.96	-10.62	-10.29	-0.0058	-0.0061	-0.0058	-2.5 TO 2.5	PASS
			-20	4.0	-8.54	-9.11	-8.82	-0.0049	-0.0052	-0.0050	-2.5 TO 2.5	PASS
			-10	4.0	-6.59	-7.03	-6.81	-0.0038	-0.0040	-0.0039	-2.5 TO 2.5	PASS
			0	4.0	-5.52	-5.89	-5.70	-0.0032	-0.0034	-0.0032	-2.5 TO 2.5	PASS
			10	4.0	-4.51	-4.81	-4.66	-0.0026	-0.0028	-0.0026	-2.5 TO 2.5	PASS
			30	4.0	-3.48	-3.71	-3.60	-0.0020	-0.0021	-0.0020	-2.5 TO 2.5	PASS
			40	4.0	-2.29	-2.44	-2.37	-0.0013	-0.0014	-0.0013	-2.5 TO 2.5	PASS
			50	4.0	-1.74	-1.86	-1.80	-0.0010	-0.0011	-0.0010	-2.5 TO 2.5	PASS



Test Report No.: W7L-220214W001RF06

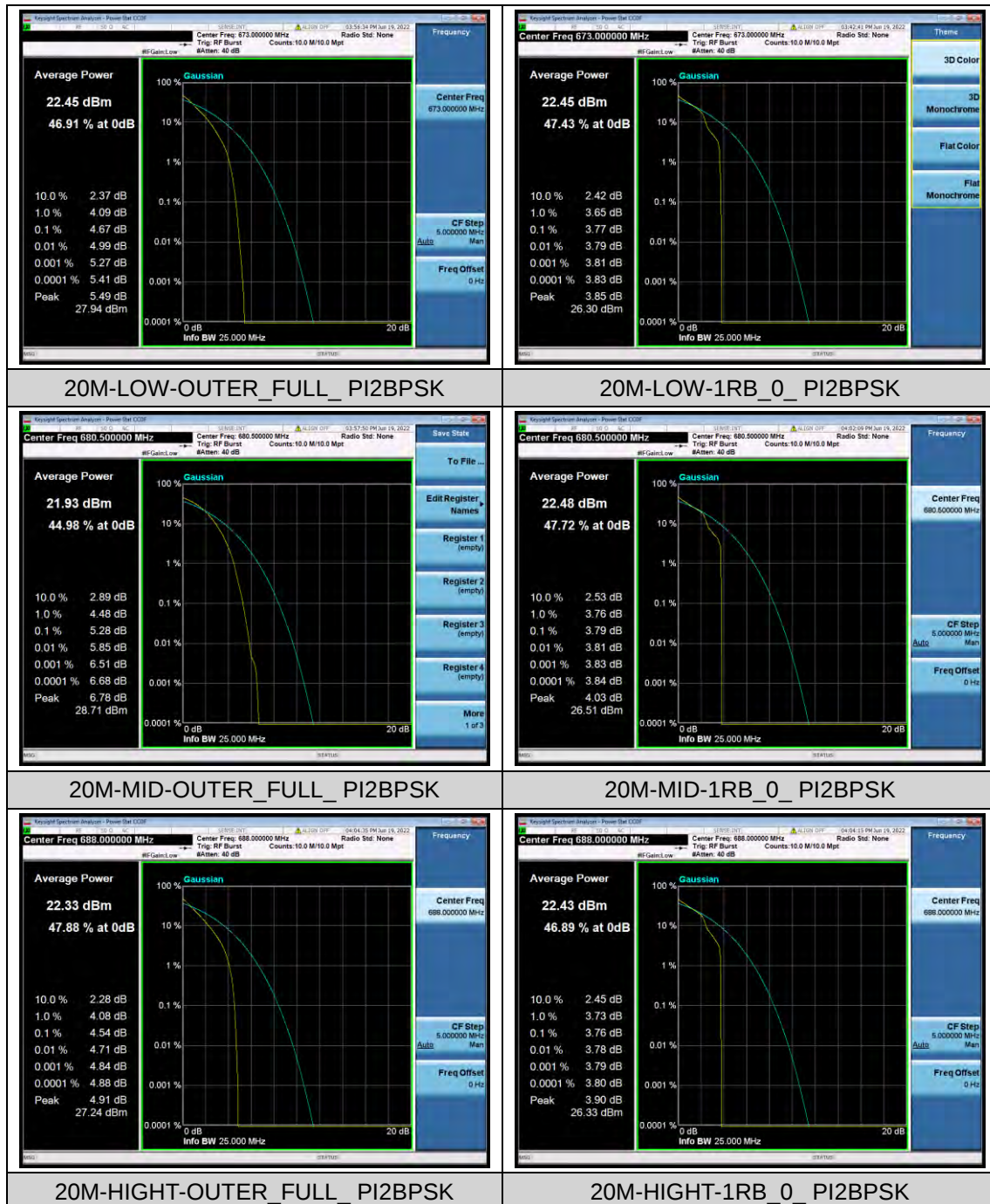
N71

PEAK-TO-AVERAGE RATIO(PAPR)

TEST RESULT

BAND: N71 / BANDWIDTH: 20MHZ / NTV_DFT_15KHZ							
MODULATION	RB ALLOCATION		PEAK-AVERAGE RATIO (DB)				VERDICT
	SIZE	OFFSET	LCH	MCH	HCH	LIMIT	
PI2BPSK	OUTER_FULL	0	4.67	5.28	4.54	<=13	PASS
PI2BPSK	1	0	3.77	3.79	3.76	<=13	PASS

TEST GRAPHS



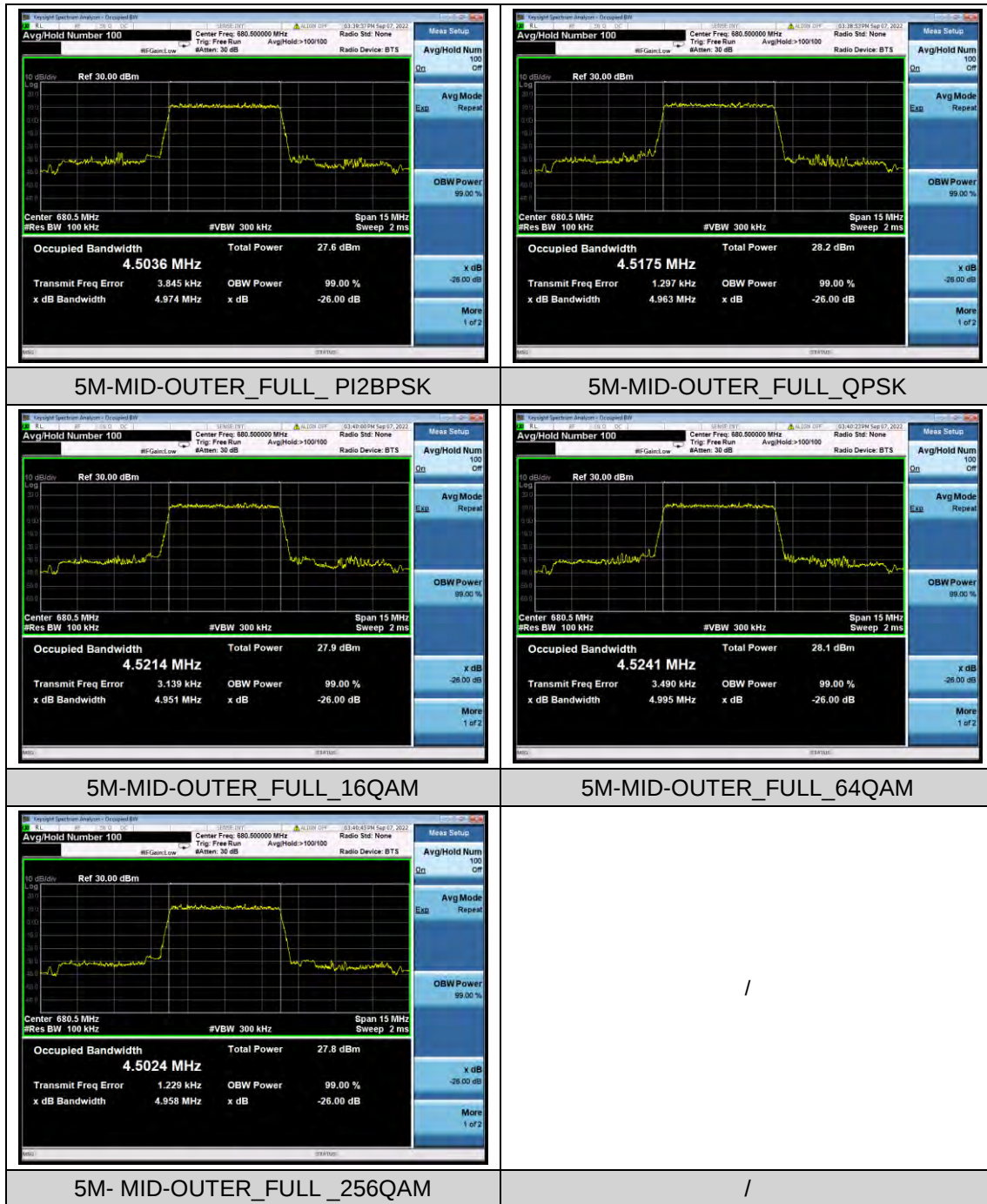
26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR NSA

TEST RESULT

BAND	SCS	BANDWIDTH	MODULATION	CHANNEL	RB CONFIG	RESULT (99%)	RESULT (26DB)	VERDICT
N71	15KHZ	5MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	4.5036	4.974	PASS
N71	15KHZ	5MHZ	DFT-QPSK	MID	OUTER_F ULL	4.5175	4.963	PASS
N71	15KHZ	5MHZ	DFT-16QAM	MID	OUTER_F ULL	4.5214	4.951	PASS
N71	15KHZ	5MHZ	DFT-64QAM	MID	OUTER_F ULL	4.5241	4.995	PASS
N71	15KHZ	5MHZ	DFT-256QAM	MID	OUTER_F ULL	4.5024	4.958	PASS
N71	15KHZ	10MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	8.9399	9.644	PASS
N71	15KHZ	10MHZ	DFT-QPSK	MID	OUTER_F ULL	8.9505	9.626	PASS
N71	15KHZ	10MHZ	DFT-16QAM	MID	OUTER_F ULL	8.9401	9.709	PASS
N71	15KHZ	10MHZ	DFT-64QAM	MID	OUTER_F ULL	8.9396	9.610	PASS
N71	15KHZ	10MHZ	DFT-256QAM	MID	OUTER_F ULL	8.9280	9.642	PASS
N71	15KHZ	15MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	13.473	14.63	PASS
N71	15KHZ	15MHZ	DFT-QPSK	MID	OUTER_F ULL	13.475	14.63	PASS
N71	15KHZ	15MHZ	DFT-16QAM	MID	OUTER_F ULL	13.480	14.60	PASS
N71	15KHZ	15MHZ	DFT-64QAM	MID	OUTER_F ULL	13.456	14.63	PASS
N71	15KHZ	15MHZ	DFT-256QAM	MID	OUTER_F ULL	13.473	14.62	PASS
N71	15KHZ	20MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	18.382	20.25	PASS

N71	15KHZ	20MHZ	DFT-QPSK	MID	OUTER_F ULL	18.384	20.15	PASS
N71	15KHZ	20MHZ	DFT-16QAM	MID	OUTER_F ULL	18.403	20.18	PASS
N71	15KHZ	20MHZ	DFT-64QAM	MID	OUTER_F ULL	18.372	20.16	PASS
N71	15KHZ	20MHZ	DFT-256QA M	MID	OUTER_F ULL	18.413	20.17	PASS

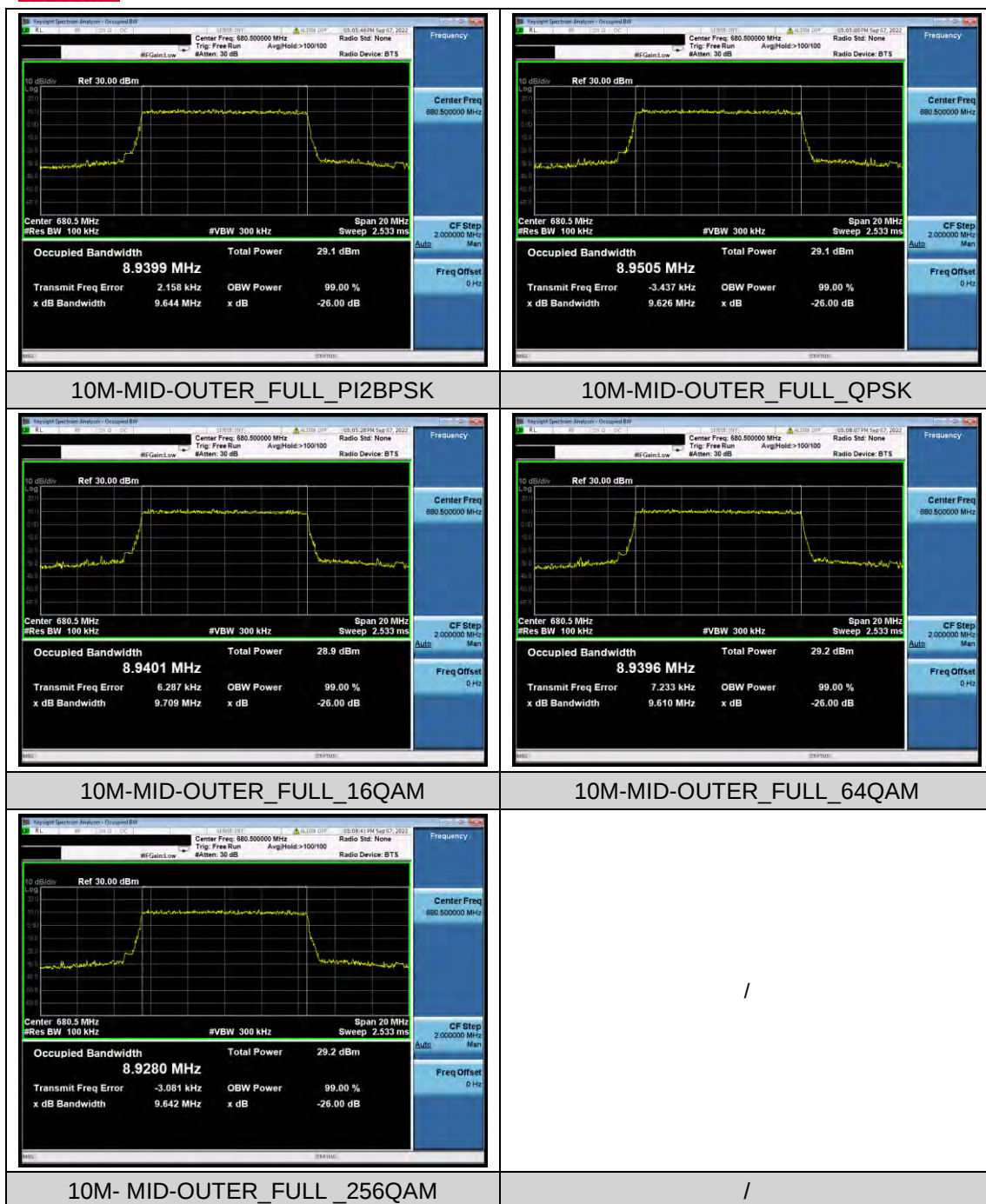
TEST GRAPHS





BUREAU
VERITAS

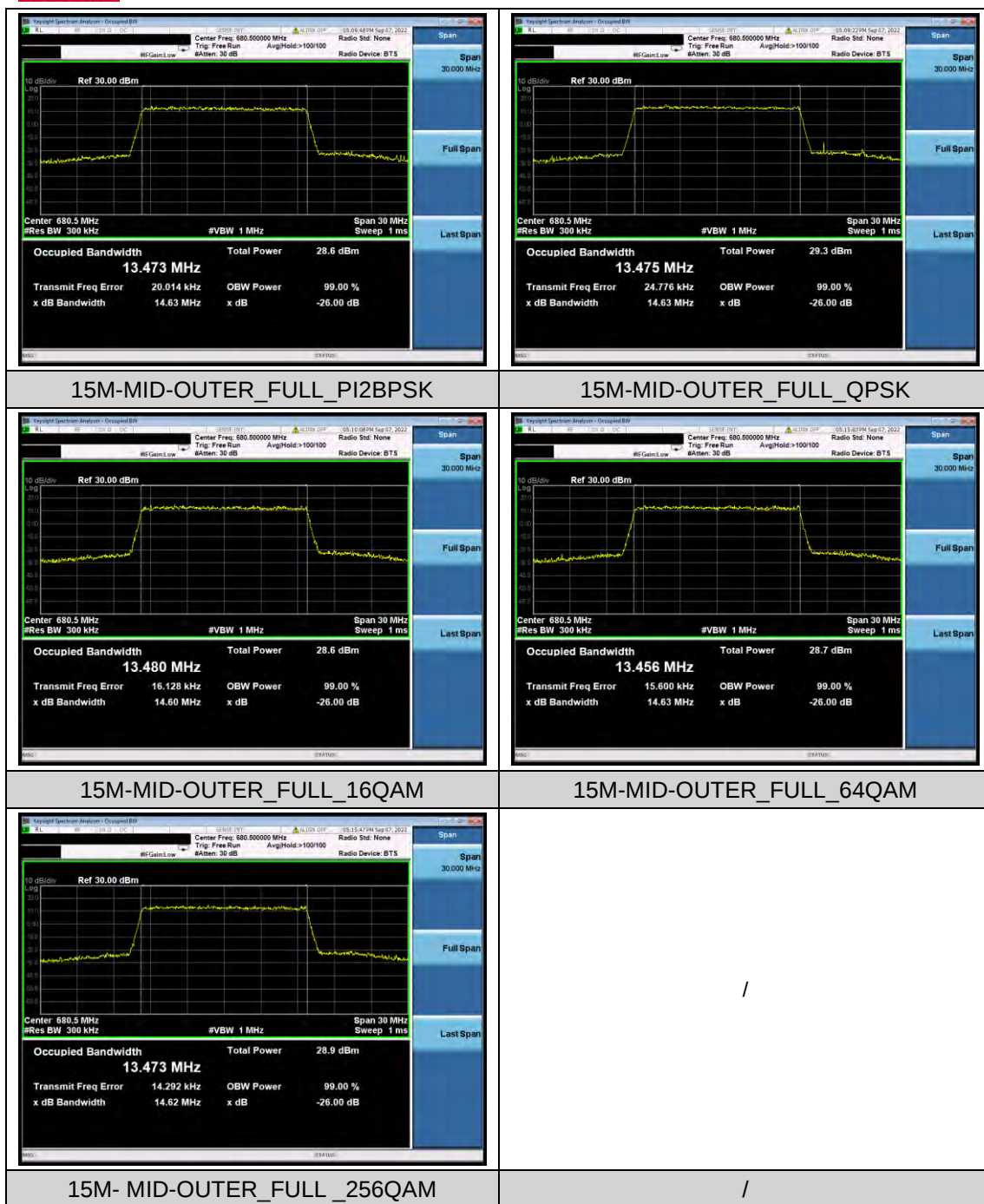
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

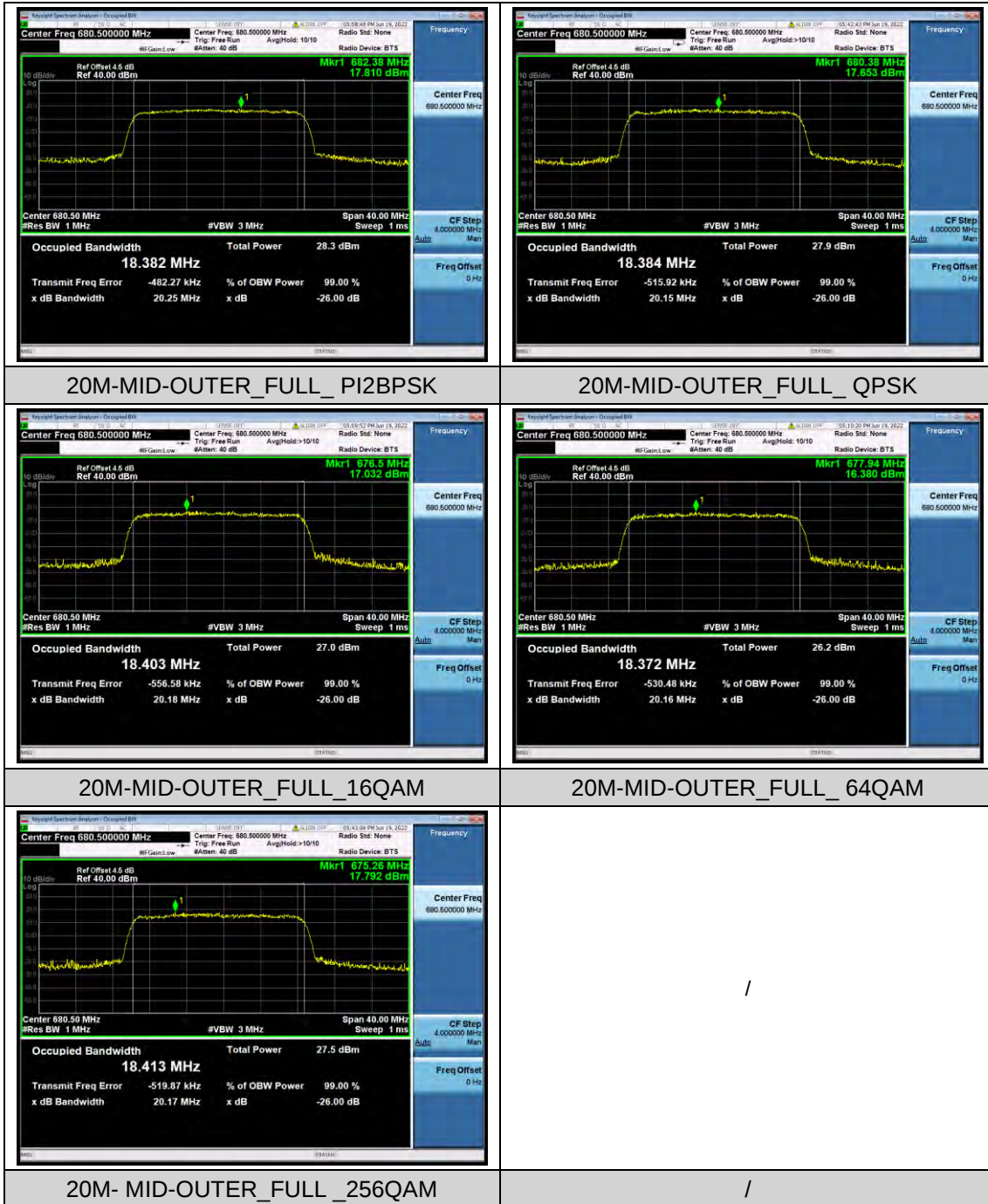
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06

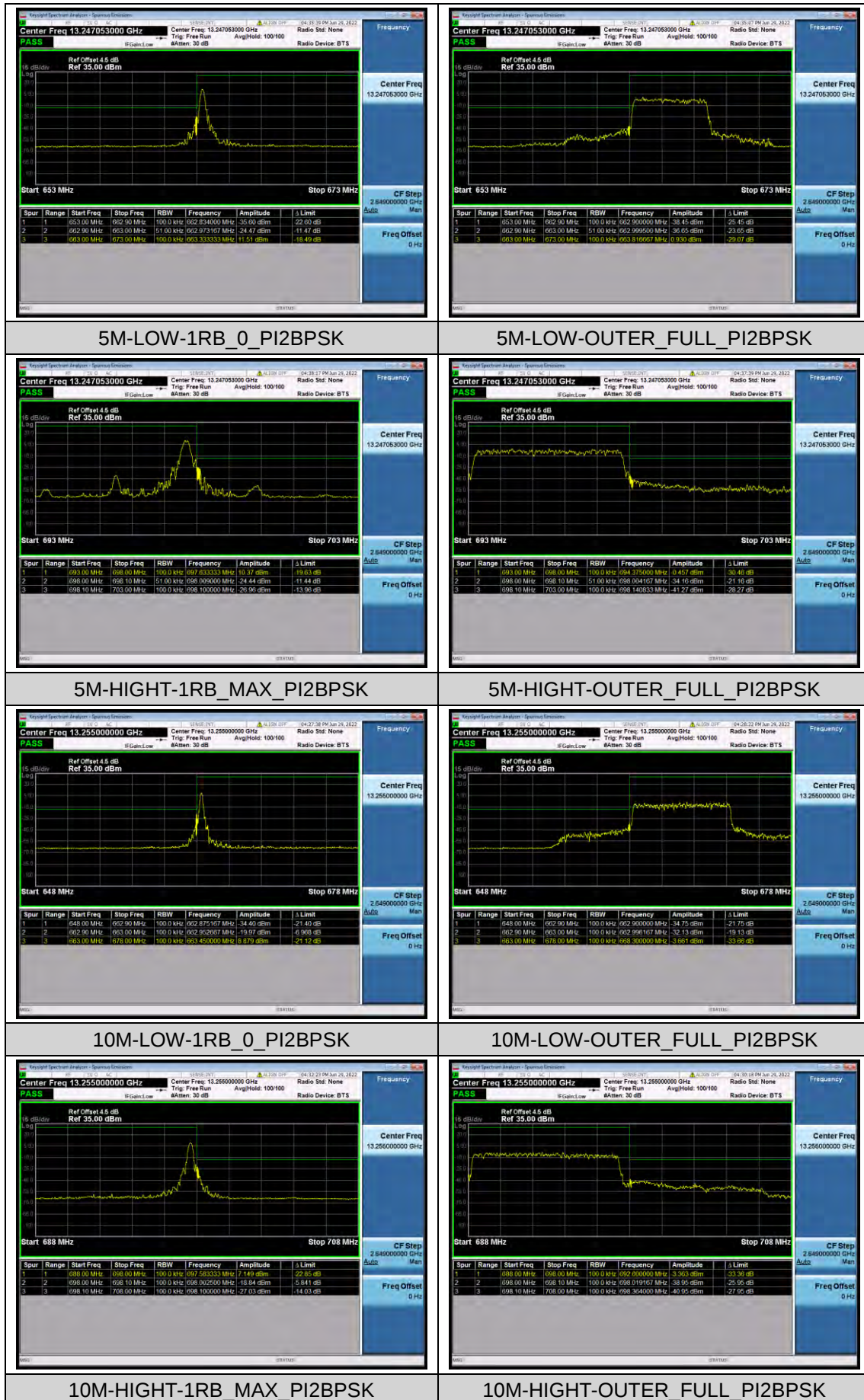


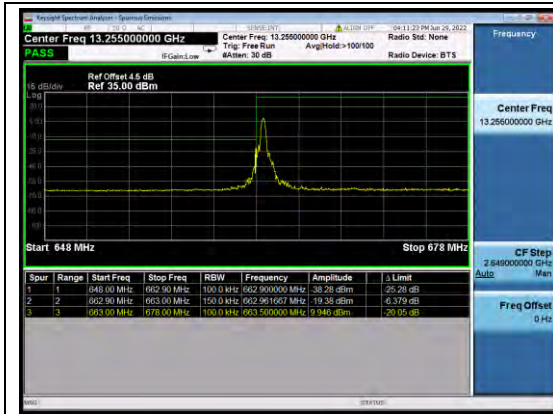
BAND EDGE

TEST RESULT

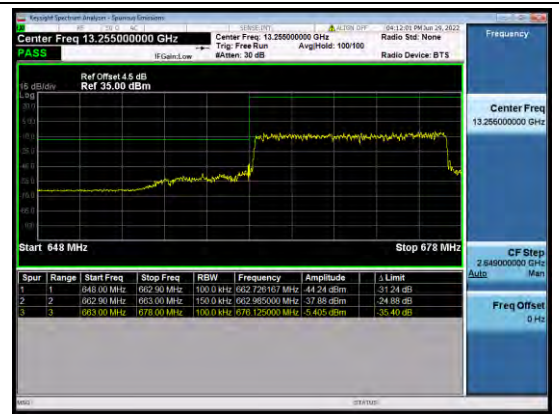
BAND	SCS	BANDWIDTH	MODULATION	CHANNEL	RB CONFIG (NR)	RESULT	VERDICT
N71	15KHZ	5MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N71	15KHZ	5MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N71	15KHZ	5MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	10MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N71	15KHZ	10MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N71	15KHZ	10MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	15MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N71	15KHZ	15MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N71	15KHZ	15MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	20MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N71	15KHZ	20MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N71	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N71	15KHZ	20MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS

TEST GRAPHS

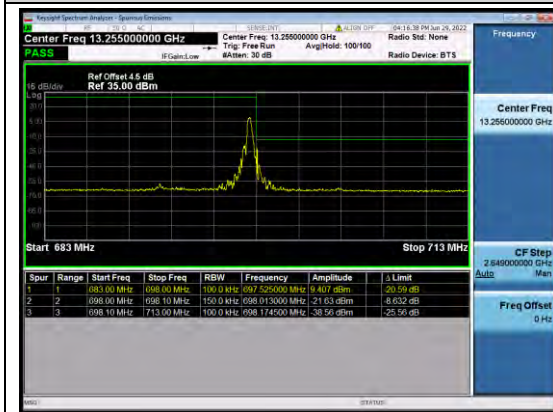




15M-LOW-1RB_0_PI2BPSK



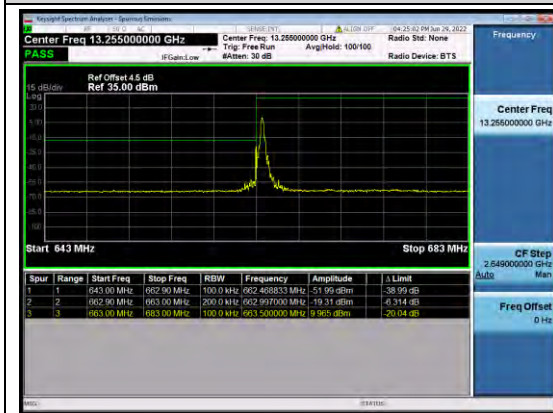
15M-LOW-OUTER_FULL_PI2BPSK



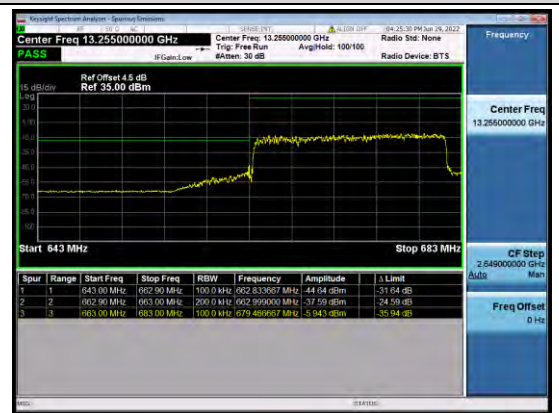
15M-HIGHT-1RB_MAX_PI2BPSK



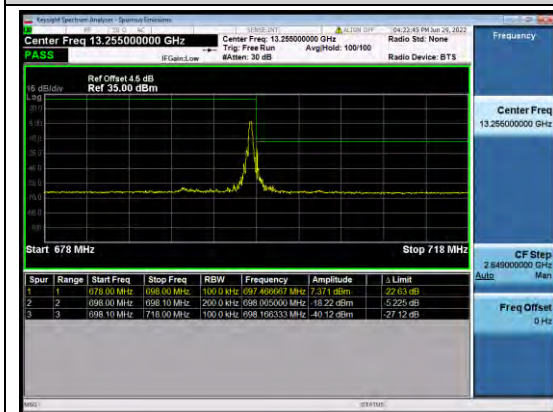
15M-HIGHT-OUTER_FULL_PI2BPSK



20M-LOW-1RB_0_PI2BPSK



20M-LOW-OUTER_FULL_PI2BPSK



20M-HIGHT-1RB_MAX_PI2BPSK



20M-HIGHT-OUTER_FULL_PI2BPSK



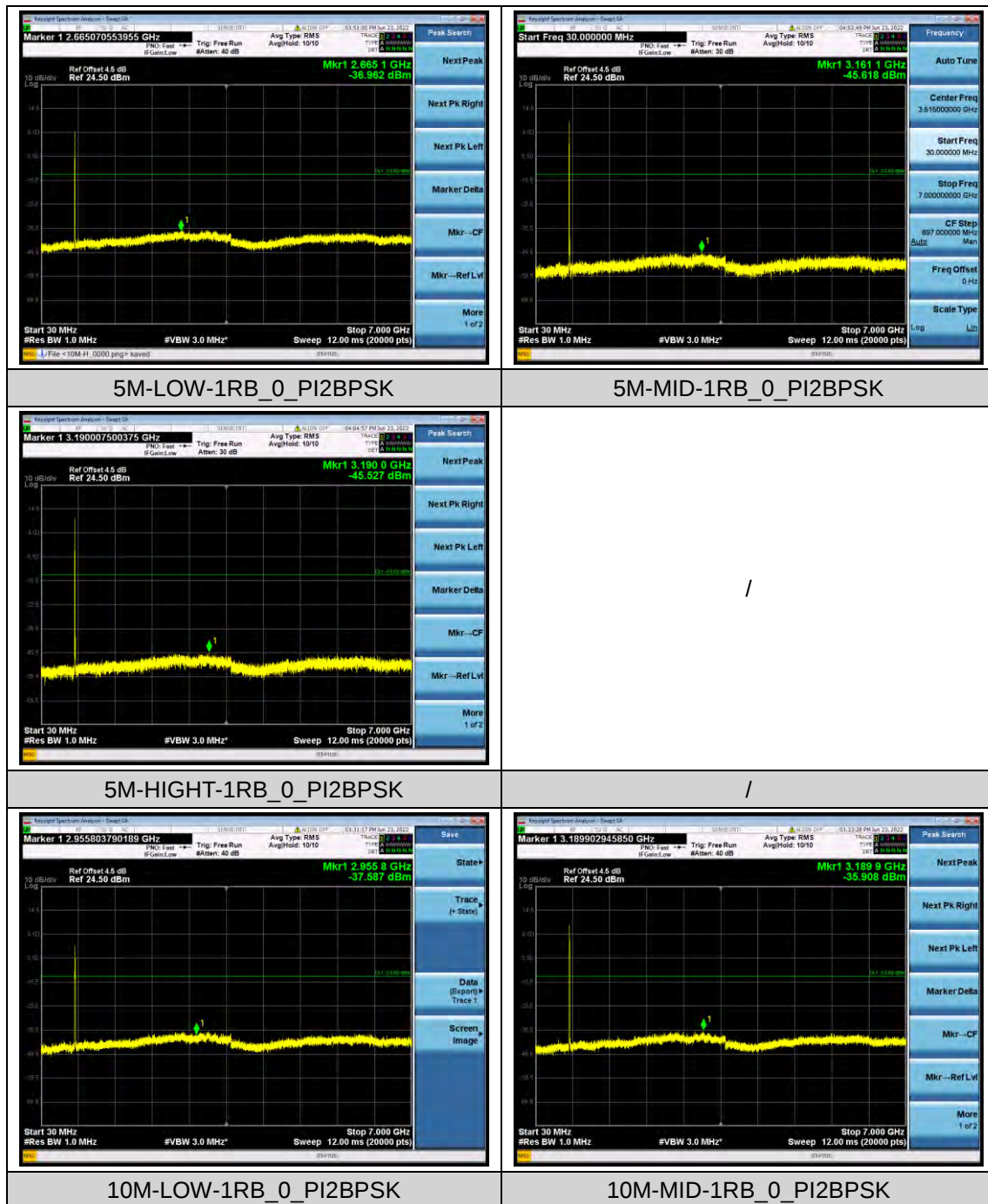
Test Report No.: W7L-220214W001RF06

CONDUCTED SPURIOUS EMISSION FOR SA

TEST RESULT

BAND	SCS	BAND WIDTH	MODULATI ON	CHANN EL	RB CONFIG (NR)	STARTF REQ	STOPFR EQ	RESULT	LIMIT (dBm)	VERDI CT
N71	15KH Z	5MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	5MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	5MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	10MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	10MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	10MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	15MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	15MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	15MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	20MHZ	DFT-PI2B PSK	LOW	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	20MHZ	DFT-PI2B PSK	MID	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS
N71	15KH Z	20MHZ	DFT-PI2B PSK	HIGH	1RB_0	30MHZ	20GHZ	SEE GRAPH	-13	PASS

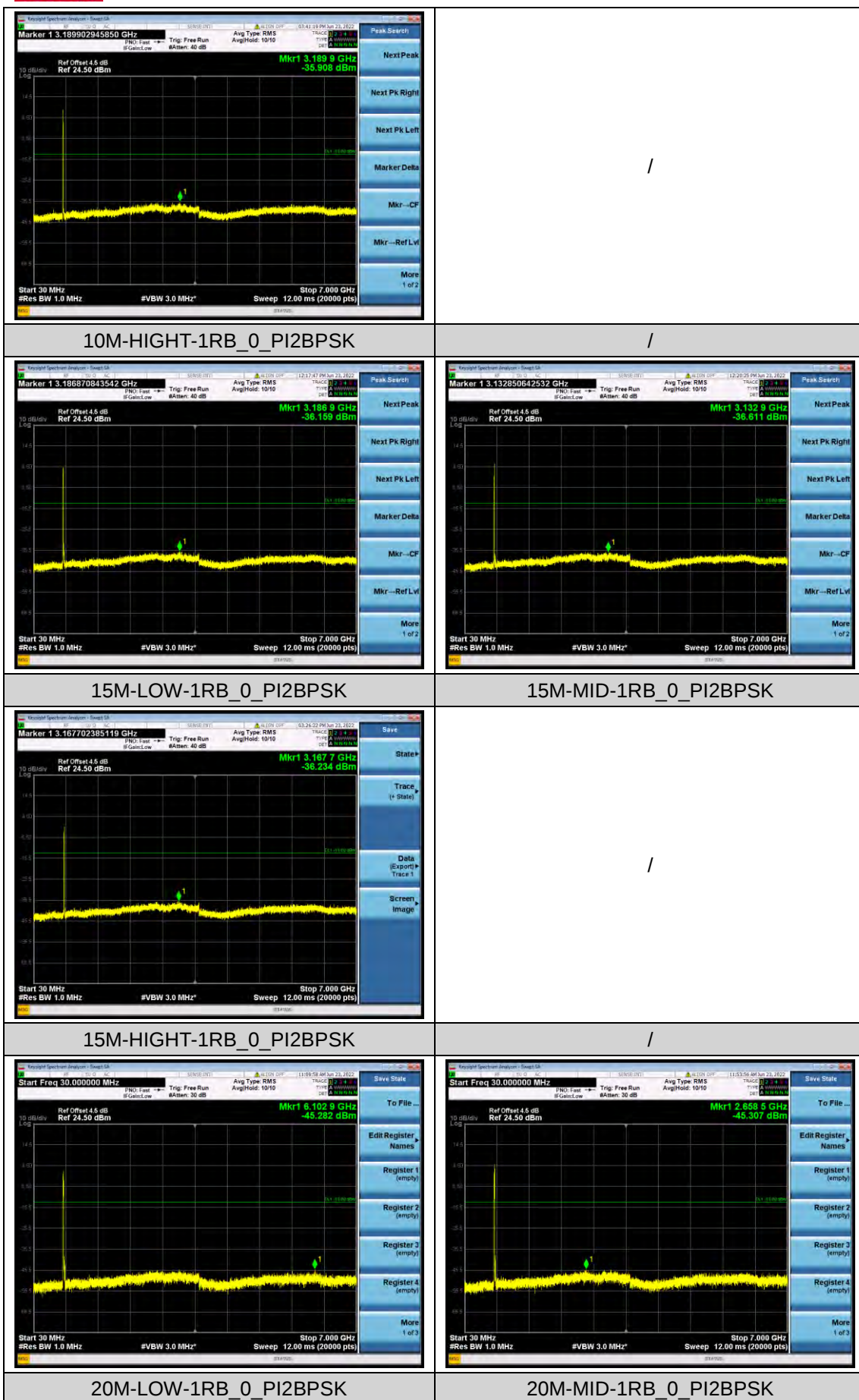
TEST GRAPHS





BUREAU
VERITAS

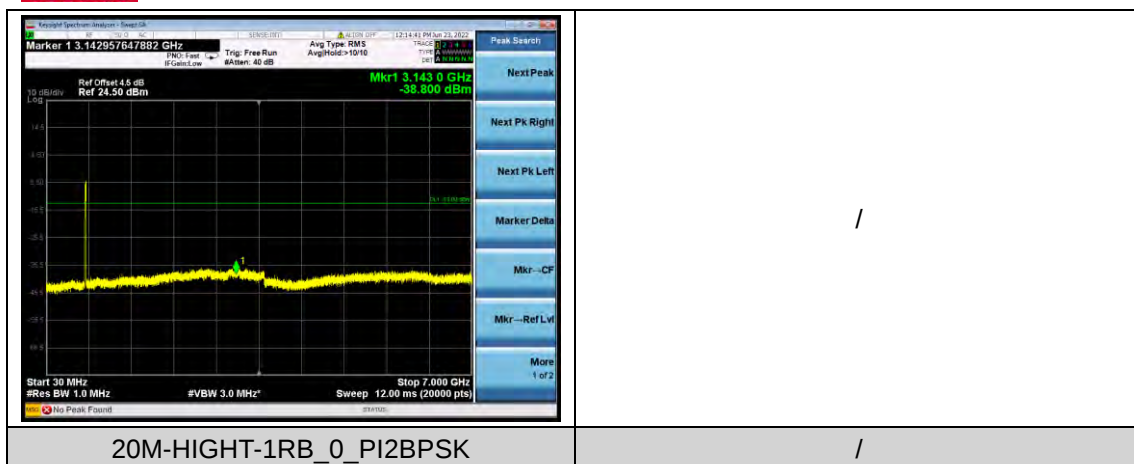
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06



FREQUENCY STABILITY FOR NSA

TEST RESULT

EN_N71 / BANDWIDTH: 20MHZ / NTNV												
MOD.	RB ALLOCATION		TEMP. (°C)	VOLTAGE (VDC)	FREQ. ERROR (HZ)			FREQ. VS. RATED (PPM)				VERDICT
	SIZE	OFFSET			LCH	MCH	HCH	LCH	MCH	HCH	LIMIT	
PI2BPSK	FULL	0	20	3.6	1.78	1.69	1.87	0.0026	0.0025	0.0027	-2.5 TO 2.5	PASS
				4.0	-1.84	-1.74	-1.83	-0.0027	-0.0026	-0.0027	-2.5 TO 2.5	PASS
				4.4	1.56	1.58	1.52	0.0023	0.0023	0.0022	-2.5 TO 2.5	PASS
			-30	4.0	-9.45	-10.08	-9.54	-0.0140	-0.0148	-0.0139	-2.5 TO 2.5	PASS
			-20	4.0	-8.41	-8.97	-8.46	-0.0125	-0.0132	-0.0123	-2.5 TO 2.5	PASS
			-10	4.0	-7.15	-7.63	-7.16	-0.0106	-0.0112	-0.0104	-2.5 TO 2.5	PASS
			0	4.0	-6.36	-6.78	-6.34	-0.0095	-0.0100	-0.0092	-2.5 TO 2.5	PASS
			10	4.0	-4.41	-4.70	-4.33	-0.0066	-0.0069	-0.0063	-2.5 TO 2.5	PASS
			30	4.0	-3.85	-4.11	-3.75	-0.0057	-0.0060	-0.0055	-2.5 TO 2.5	PASS
			40	4.0	-2.56	-2.73	-2.42	-0.0038	-0.0040	-0.0035	-2.5 TO 2.5	PASS
			50	4.0	-1.36	-1.45	-1.18	-0.0020	-0.0021	-0.0017	-2.5 TO 2.5	PASS

N77

PEAK-TO-AVERAGE RATIO(PAPR)

TEST RESULT

BAND: N77 / BANDWIDTH: 20MHZ / NTVN_DFT_30KHZ							
MODULATION	RB ALLOCATION		PEAK-AVERAGE RATIO (DB)				VERDICT
	SIZE	OFFSET	LCH	MCH	HCH	LIMIT	
PI2BPSK	OUTER_FULL	0	9.09	9.42	9.33	<=13	PASS
PI2BPSK	1	0	9.13	6.87	6.65	<=13	PASS

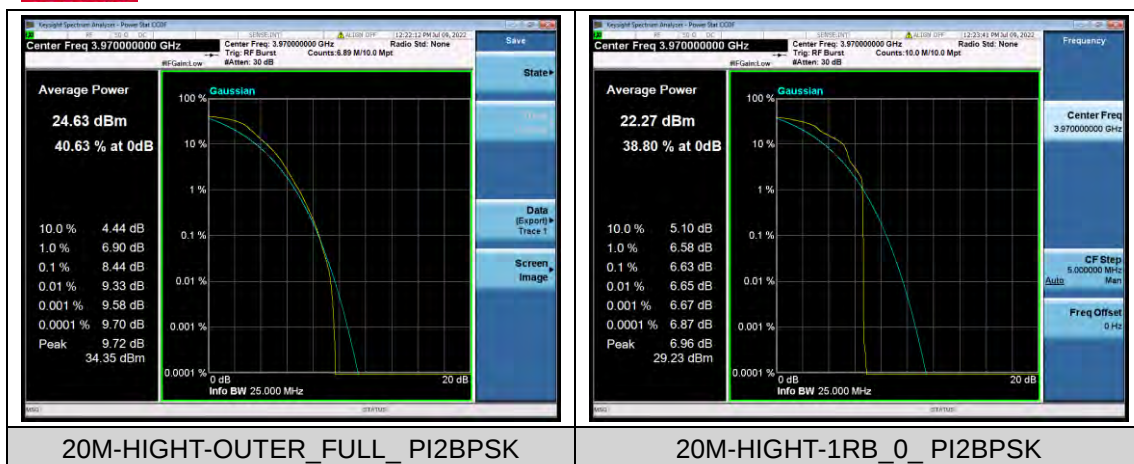
TEST GRAPHS





BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06



26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR NSA

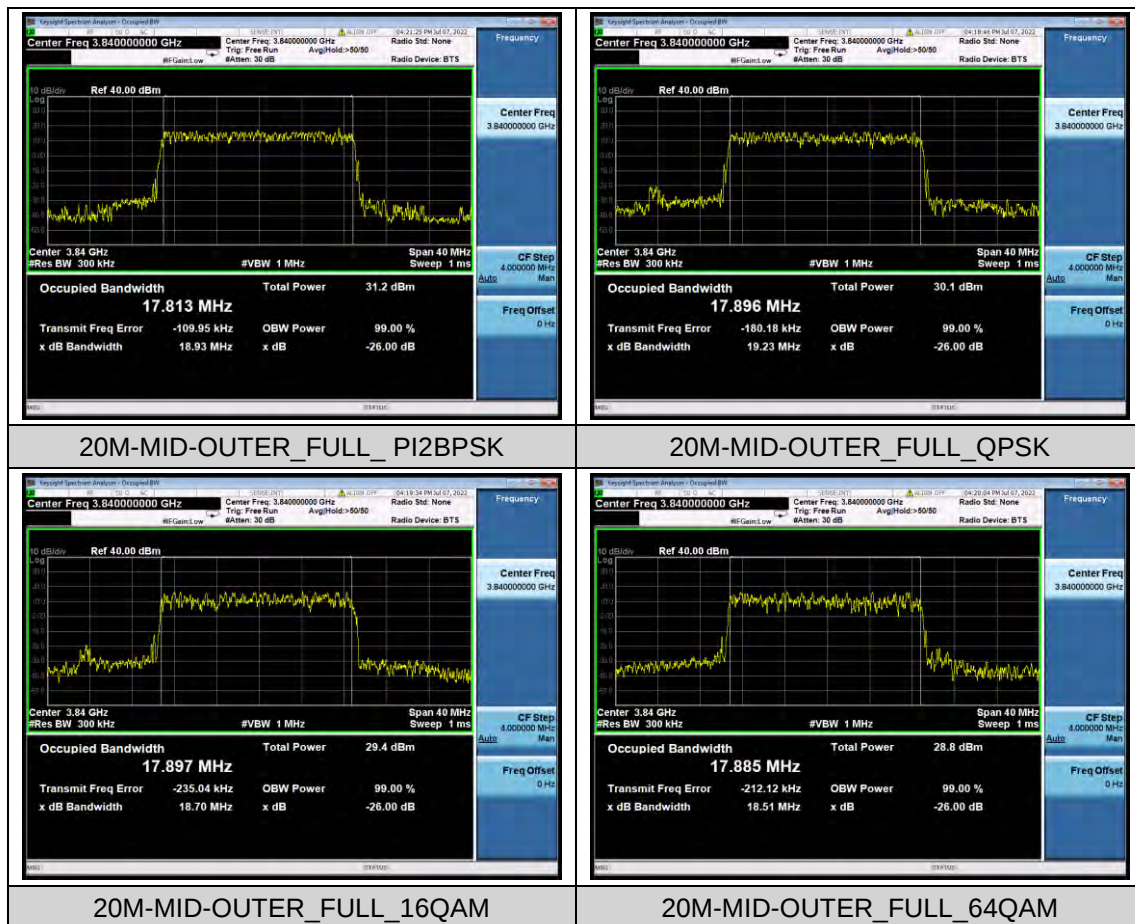
TEST RESULT

BAND	SCS	BANDWIDTH	MODULATION	CHANNEL	RB CONFIG	RESULT (99%)	RESULT (26DB)	VERDICT
N77	30KHZ	20MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	17.813	18.93	PASS
N77	30KHZ	20MHZ	DFT-QPSK	MID	OUTER_F ULL	17.896	19.23	PASS
N77	30KHZ	20MHZ	DFT-16QAM	MID	OUTER_F ULL	17.897	18.70	PASS
N77	30KHZ	20MHZ	DFT-64QAM	MID	OUTER_F ULL	17.885	18.51	PASS
N77	30KHZ	20MHZ	DFT-256QAM	MID	OUTER_F ULL	17.812	18.97	PASS
N77	30KHZ	30MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	26.851	27.67	PASS
N77	30KHZ	30MHZ	DFT-QPSK	MID	OUTER_F ULL	26.737	27.86	PASS
N77	30KHZ	30MHZ	DFT-16QAM	MID	OUTER_F ULL	26.650	27.79	PASS
N77	30KHZ	30MHZ	DFT-64QAM	MID	OUTER_F ULL	26.635	27.77	PASS
N77	30KHZ	30MHZ	DFT-256QAM	MID	OUTER_F ULL	26.809	27.93	PASS
N77	30KHZ	40MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	36.158	38.11	PASS
N77	30KHZ	40MHZ	DFT-QPSK	MID	OUTER_F ULL	36.009	38.06	PASS
N77	30KHZ	40MHZ	DFT-16QAM	MID	OUTER_F ULL	36.227	38.08	PASS
N77	30KHZ	40MHZ	DFT-64QAM	MID	OUTER_F ULL	35.995	38.05	PASS
N77	30KHZ	40MHZ	DFT-256QAM	MID	OUTER_F ULL	35.766	37.94	PASS
N77	30KHZ	50MHZ	DFT-PI2BPSK	MID	OUTER_F ULL	46.173	48.12	PASS
N77	30KHZ	50MHZ	DFT-QPSK	MID	OUTER_F ULL	46.074	48.26	PASS

N77	30KHZ	50MHZ	DFT-16QAM	MID	OUTER_F ULL	46.175	47.97	PASS
N77	30KHZ	50MHZ	DFT-64QAM	MID	OUTER_F ULL	45.988	48.35	PASS
N77	30KHZ	50MHZ	DFT-256QA M	MID	OUTER_F ULL	45.904	48.31	PASS
N77	30KHZ	60MHZ	DFT-PI2BPS K	MID	OUTER_F ULL	57.798	60.55	PASS
N77	30KHZ	60MHZ	DFT-QPSK	MID	OUTER_F ULL	58.322	60.48	PASS
N77	30KHZ	60MHZ	DFT-16QAM	MID	OUTER_F ULL	58.124	60.51	PASS
N77	30KHZ	60MHZ	DFT-64QAM	MID	OUTER_F ULL	58.044	60.52	PASS
N77	30KHZ	60MHZ	DFT-256QA M	MID	OUTER_F ULL	58.240	60.46	PASS
N77	30KHZ	70MHZ	DFT-PI2BPS K	MID	OUTER_F ULL	64.574	67.05	PASS
N77	30KHZ	70MHZ	DFT-QPSK	MID	OUTER_F ULL	64.613	66.72	PASS
N77	30KHZ	70MHZ	DFT-16QAM	MID	OUTER_F ULL	64.547	67.08	PASS
N77	30KHZ	70MHZ	DFT-64QAM	MID	OUTER_F ULL	64.333	66.85	PASS
N77	30KHZ	70MHZ	DFT-256QA M	MID	OUTER_F ULL	64.441	67.04	PASS
N77	30KHZ	80MHZ	DFT-PI2BPS K	MID	OUTER_F ULL	77.375	79.86	PASS
N77	30KHZ	80MHZ	DFT-QPSK	MID	OUTER_F ULL	77.333	80.05	PASS
N77	30KHZ	80MHZ	DFT-16QAM	MID	OUTER_F ULL	77.401	80.02	PASS
N77	30KHZ	80MHZ	DFT-64QAM	MID	OUTER_F ULL	77.321	79.82	PASS
N77	30KHZ	80MHZ	DFT-256QA M	MID	OUTER_F ULL	77.413	79.91	PASS
N77	30KHZ	90MHZ	DFT-PI2BPS K	MID	OUTER_F ULL	85.782	88.73	PASS
N77	30KHZ	90MHZ	DFT-QPSK	MID	OUTER_F ULL	85.463	88.43	PASS
N77	30KHZ	90MHZ	DFT-16QAM	MID	OUTER_F ULL	85.856	88.60	PASS
N77	30KHZ	90MHZ	DFT-64QAM	MID	OUTER_F ULL	85.915	58.51	PASS

N77	30KHZ	90MHZ	DFT-256QAM M	MID	OUTER_F ULL	85.756	88.62	PASS
N77	30KHZ	100MHZ	DFT-PI2BPS K	MID	OUTER_F ULL	96.215	99.16	PASS
N77	30KHZ	100MHZ	DFT-QPSK	MID	OUTER_F ULL	95.677	99.12	PASS
N77	30KHZ	100MHZ	DFT-16QAM	MID	OUTER_F ULL	96.626	99.50	PASS
N77	30KHZ	100MHZ	DFT-64QAM	MID	OUTER_F ULL	95.782	99.22	PASS
N77	30KHZ	100MHZ	DFT-256QAM M	MID	OUTER_F ULL	95.751	99.15	PASS

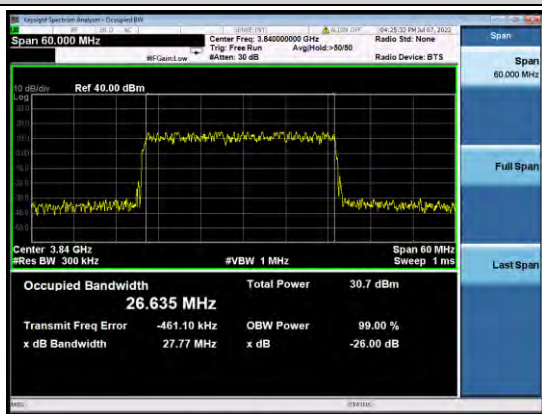
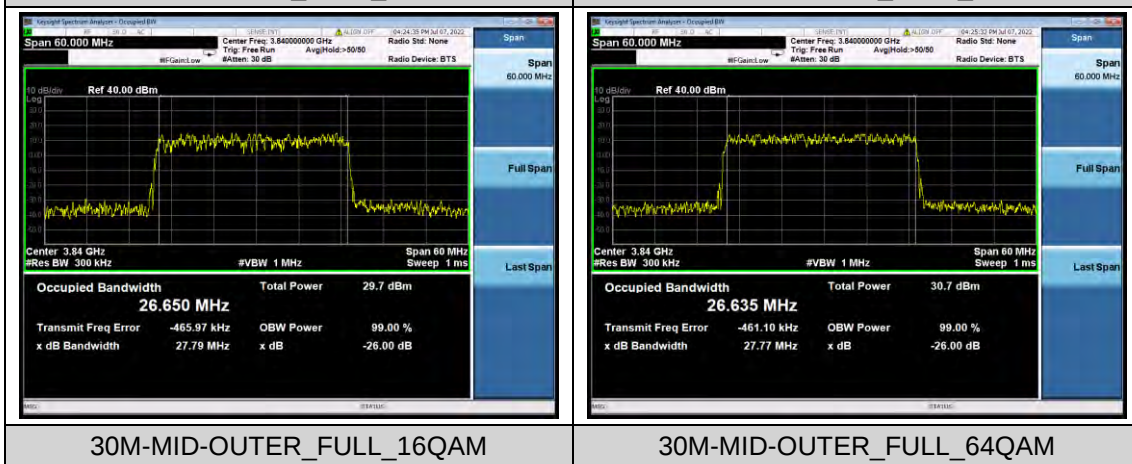
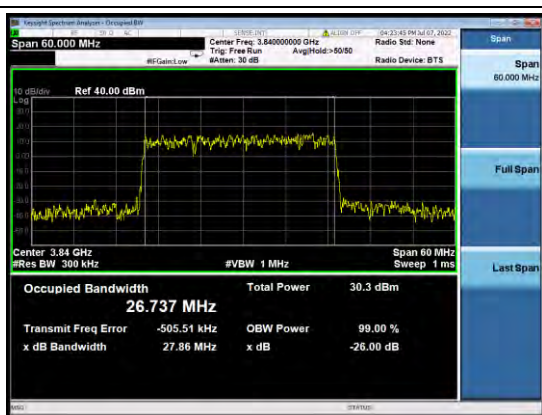
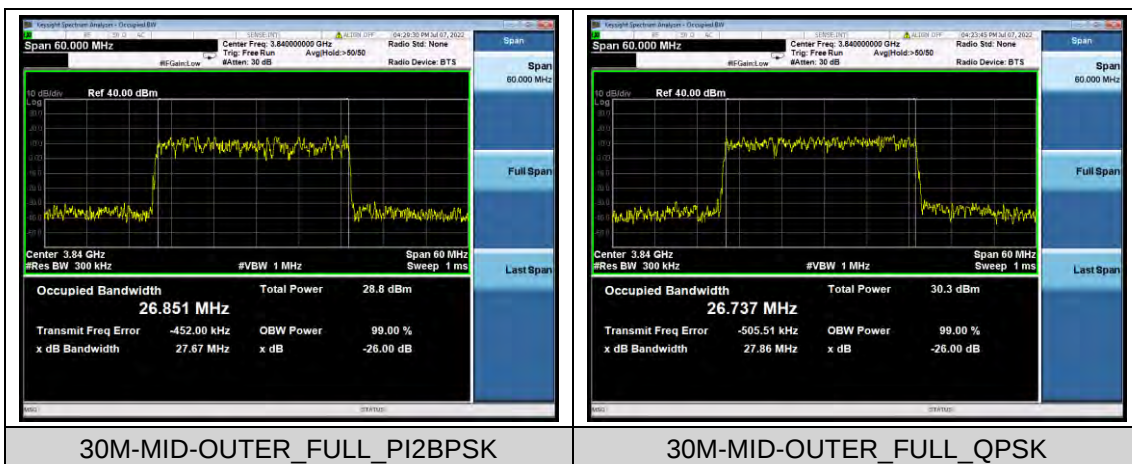
TEST GRAPHS





BUREAU
VERITAS

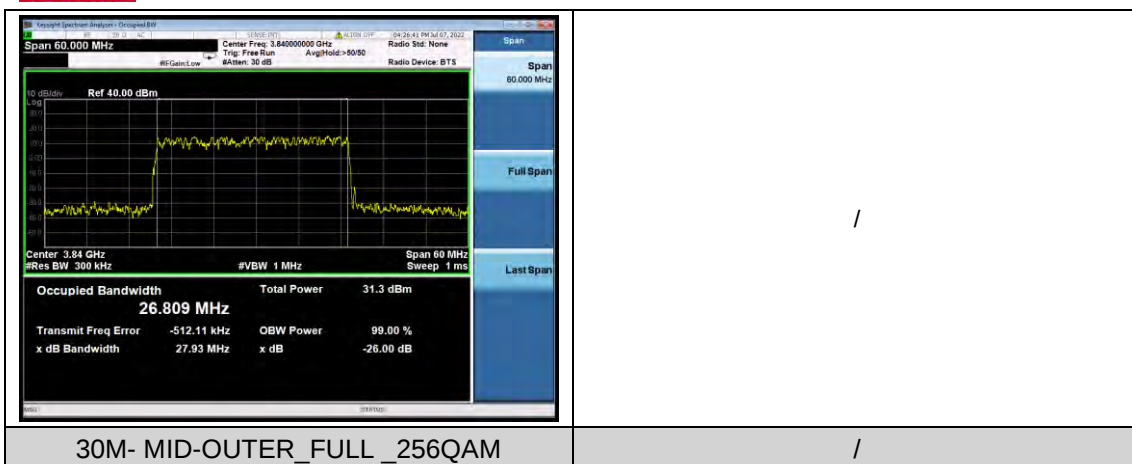
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

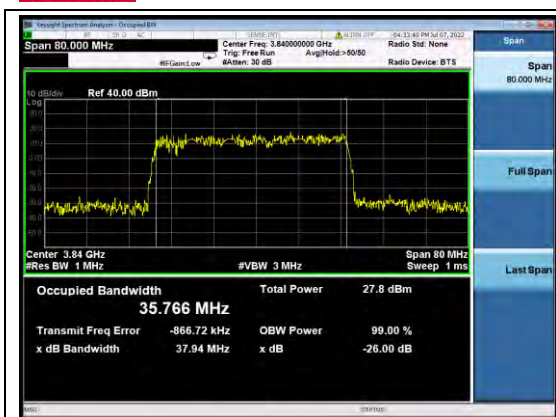
Test Report No.: W7L-220214W001RF06





BUREAU
VERITAS

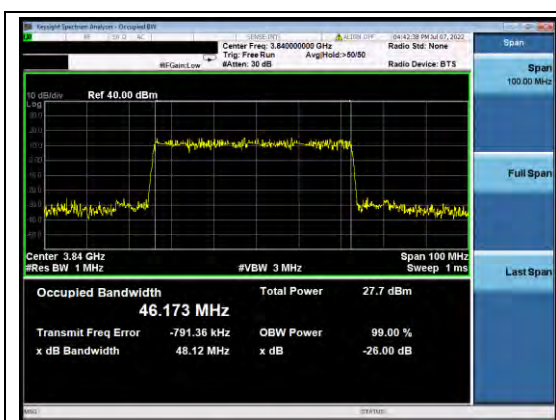
Test Report No.: W7L-220214W001RF06



40M-MID-OUTER_FULL_256QAM

/

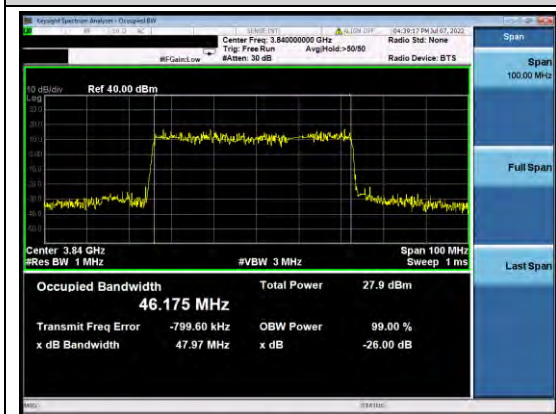
/



50M-MID-OUTER_FULL_PI2BPSK



50M-MID-OUTER_FULL_QPSK



50M-MID-OUTER_FULL_16QAM

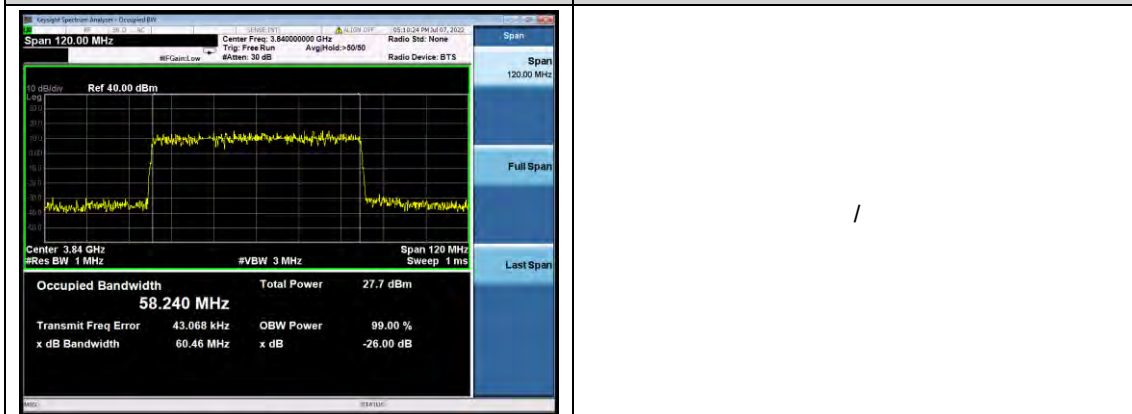
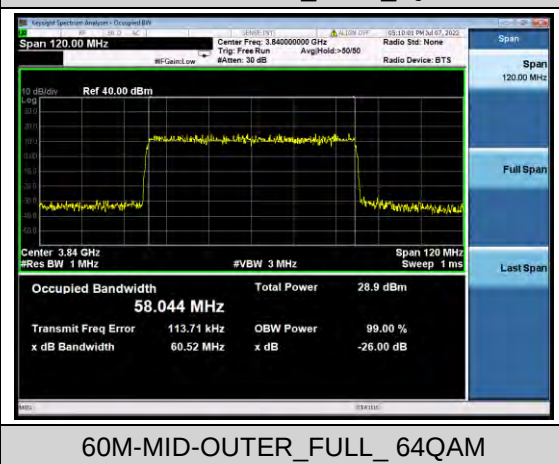
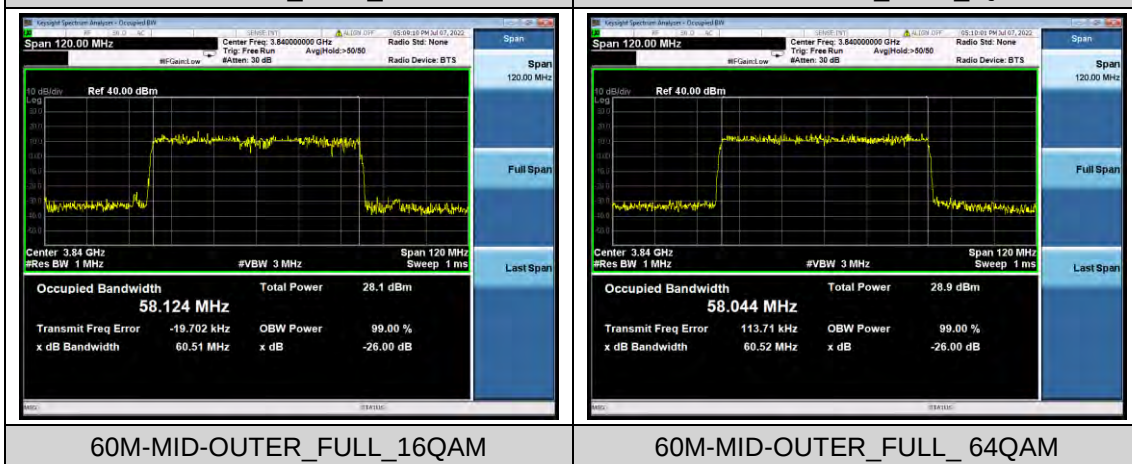
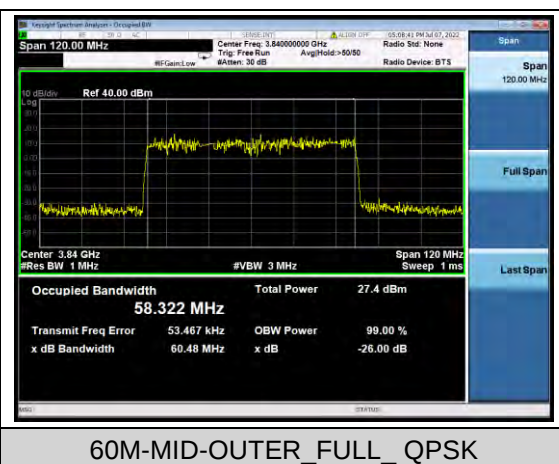
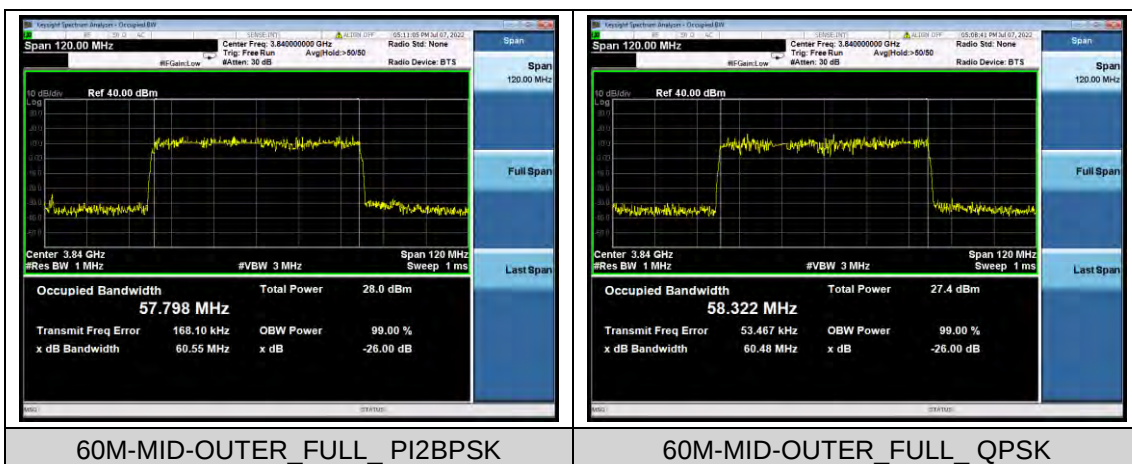
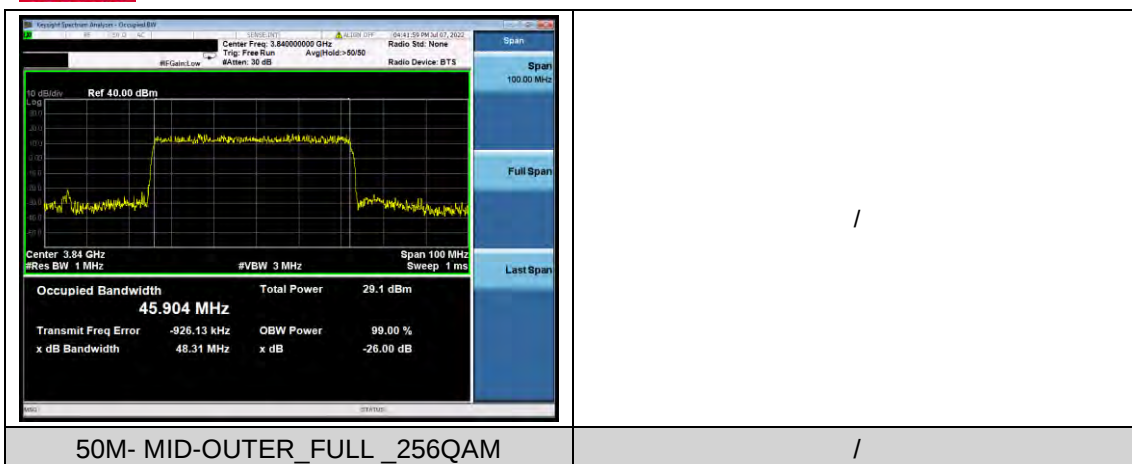


50M-MID-OUTER_FULL_64QAM



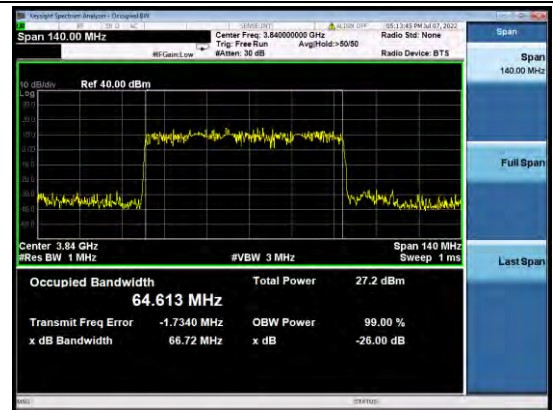
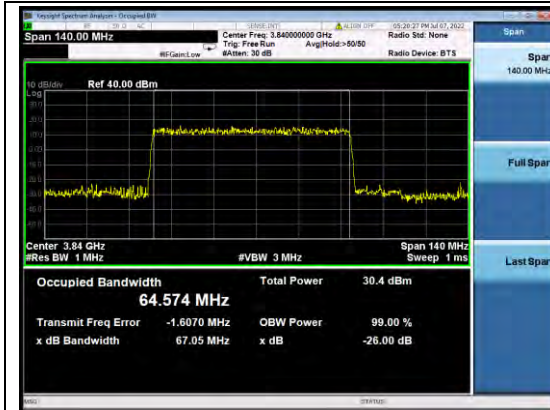
BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06



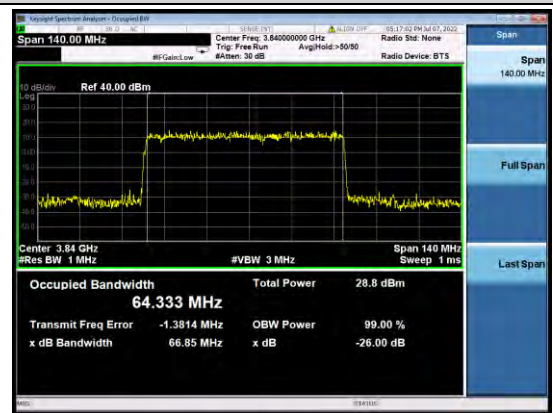
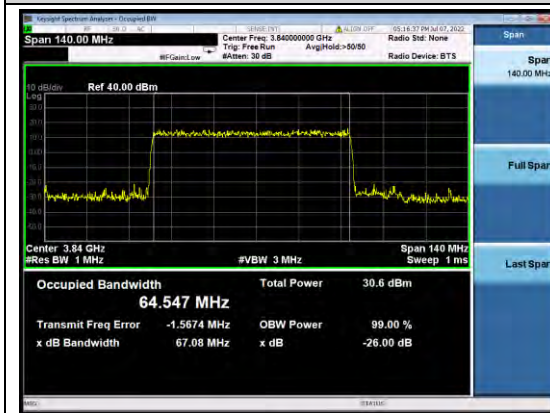
60M- MID-OUTER_FULL_256QAM

/



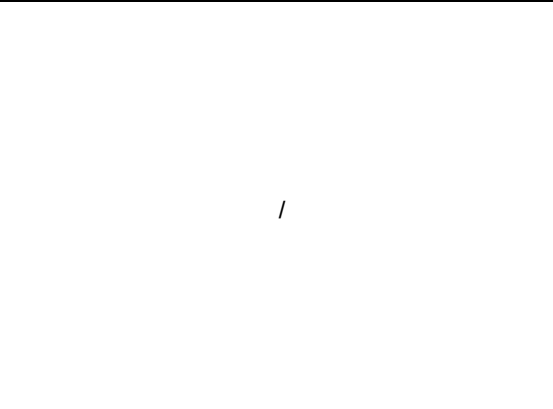
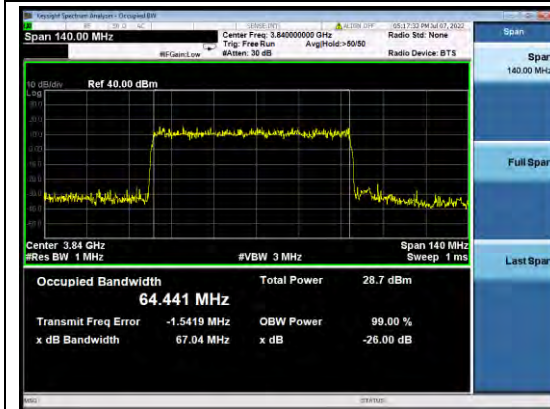
70M-MID-OUTER_FULL_ PI2BPSK

70M-MID-OUTER_FULL_QPSK



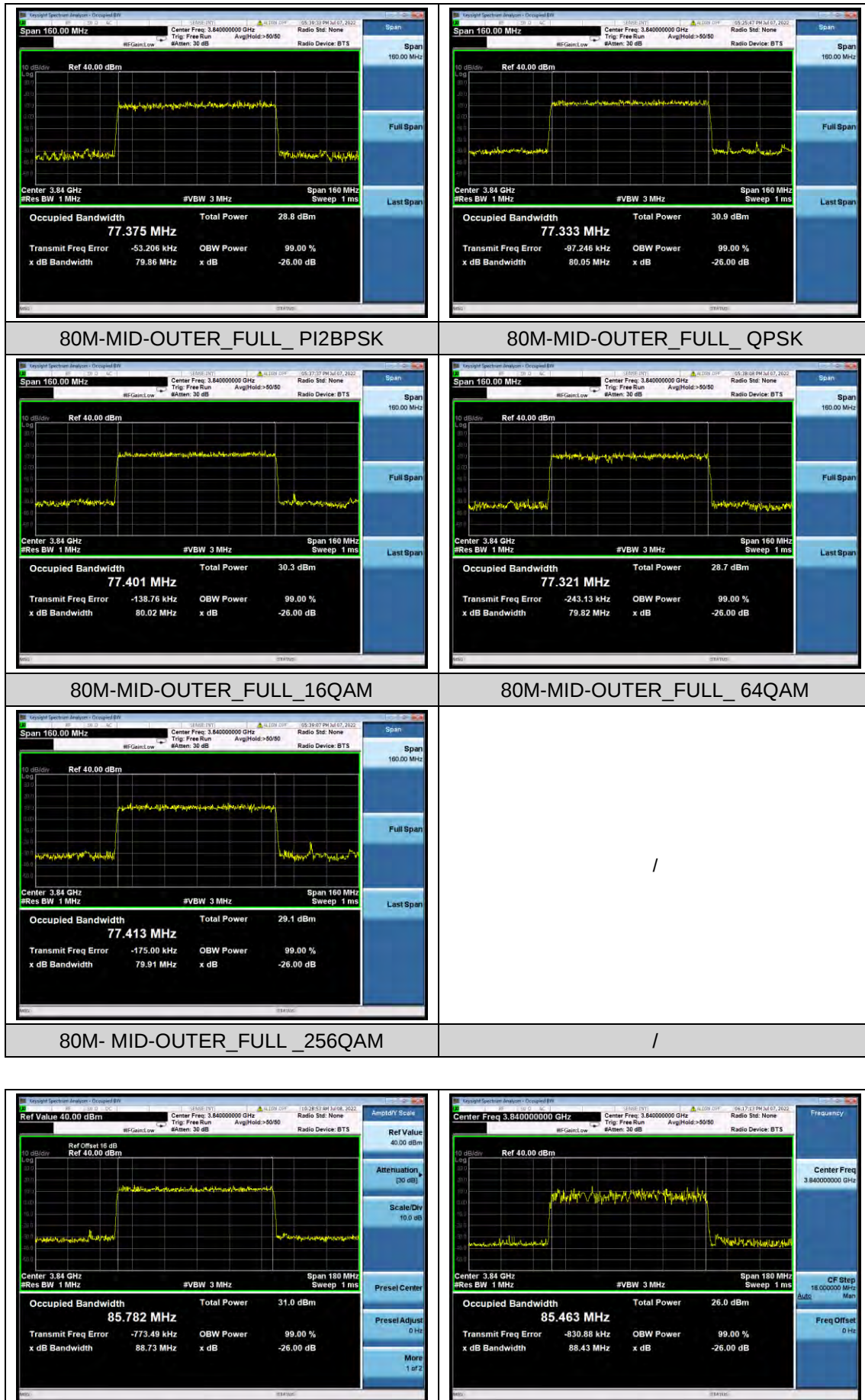
70M-MID-OUTER_FULL_16QAM

70M-MID-OUTER_FULL_64QAM

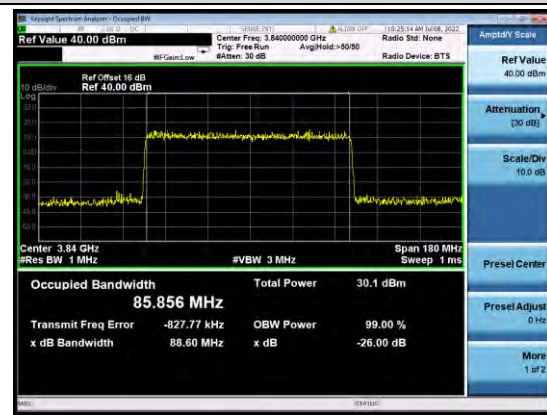


70M- MID-OUTER_FULL_256QAM

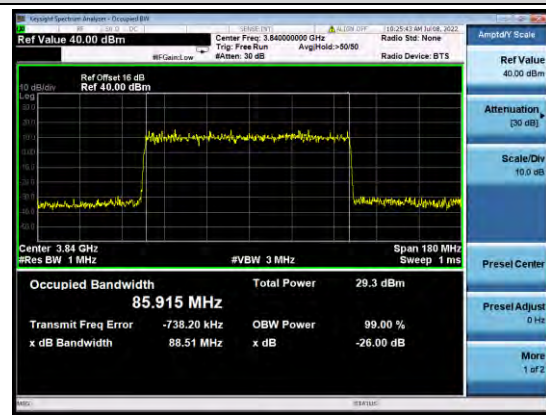
/



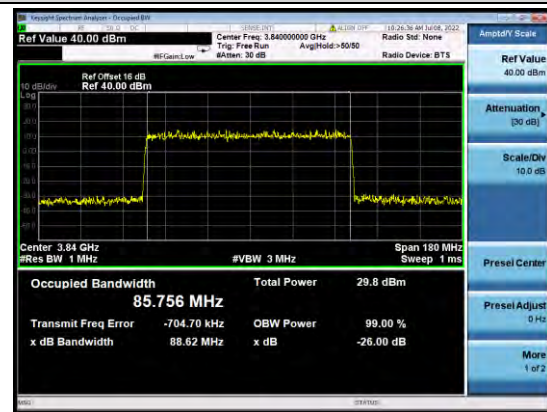
90M-MID-OUTER_FULL_PI2BPSK



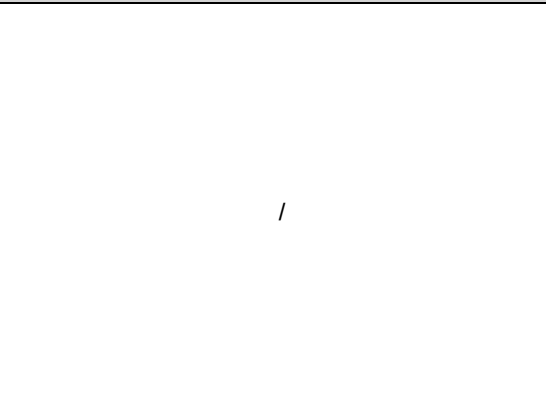
90M-MID-OUTER_FULL_QPSK



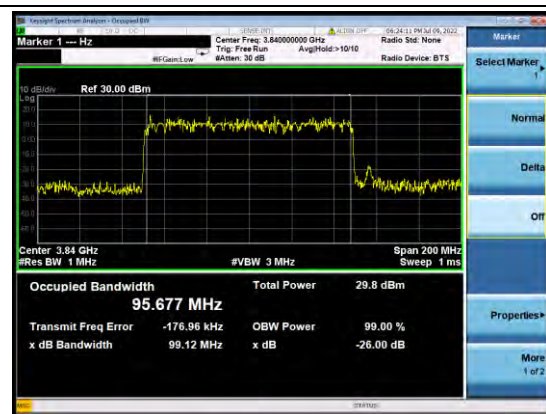
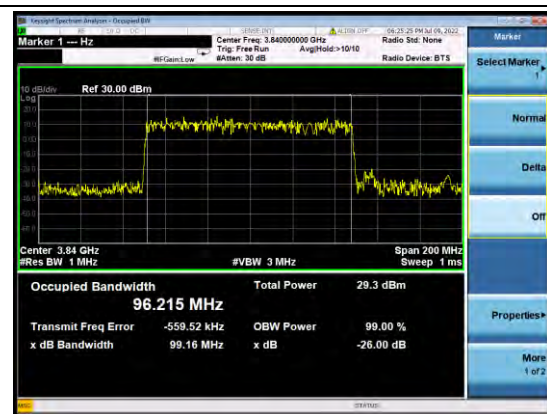
90M-MID-OUTER_FULL_16QAM



90M-MID-OUTER_FULL_64QAM



90M-MID-OUTER_FULL_256QAM



100M-MID-OUTER_FULL_PI2BPSK

100M-MID-OUTER_FULL_QPSK



BUREAU
VERITAS

Test Report No.: W7L-220214W001RF06

100M-MID-OUTER_FULL_16QAM	100M-MID-OUTER_FULL_64QAM
	/
100M- MID-OUTER_FULL_256QAM	/

BAND EDGE

TEST RESULT

BAND	SCS	BANDWIDTH	MODULATION	CHANNEL	RB CONFIG (NR)	RESULT	VERDICT
N77	30KHZ	20MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	20MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	20MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	20MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	30MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	30MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	30MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	30MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	40MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	40MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	40MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	40MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	50MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	50MHZ	DFT-PI2BPSK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	50MHZ	DFT-PI2BPSK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	50MHZ	DFT-PI2BPSK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	60MHZ	DFT-PI2BPSK	LOW	1RB_0	SEE GRAPH	PASS

N77	30KHZ	60MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	60MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	60MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	70MHZ	DFT-PI2BP SK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	70MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	70MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	70MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	80MHZ	DFT-PI2BP SK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	80MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	80MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	80MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	90MHZ	DFT-PI2BP SK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	90MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	90MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	90MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	100MHZ	DFT-PI2BP SK	LOW	1RB_0	SEE GRAPH	PASS
N77	30KHZ	100MHZ	DFT-PI2BP SK	LOW	OUTER_FULL	SEE GRAPH	PASS
N77	30KHZ	100MHZ	DFT-PI2BP SK	HIGH	1RB_MAX	SEE GRAPH	PASS
N77	30KHZ	100MHZ	DFT-PI2BP SK	HIGH	OUTER_FULL	SEE GRAPH	PASS