



Reference No.: PSU-QSU2312140113RF09



Certificate #6613.01

APPENDIX B

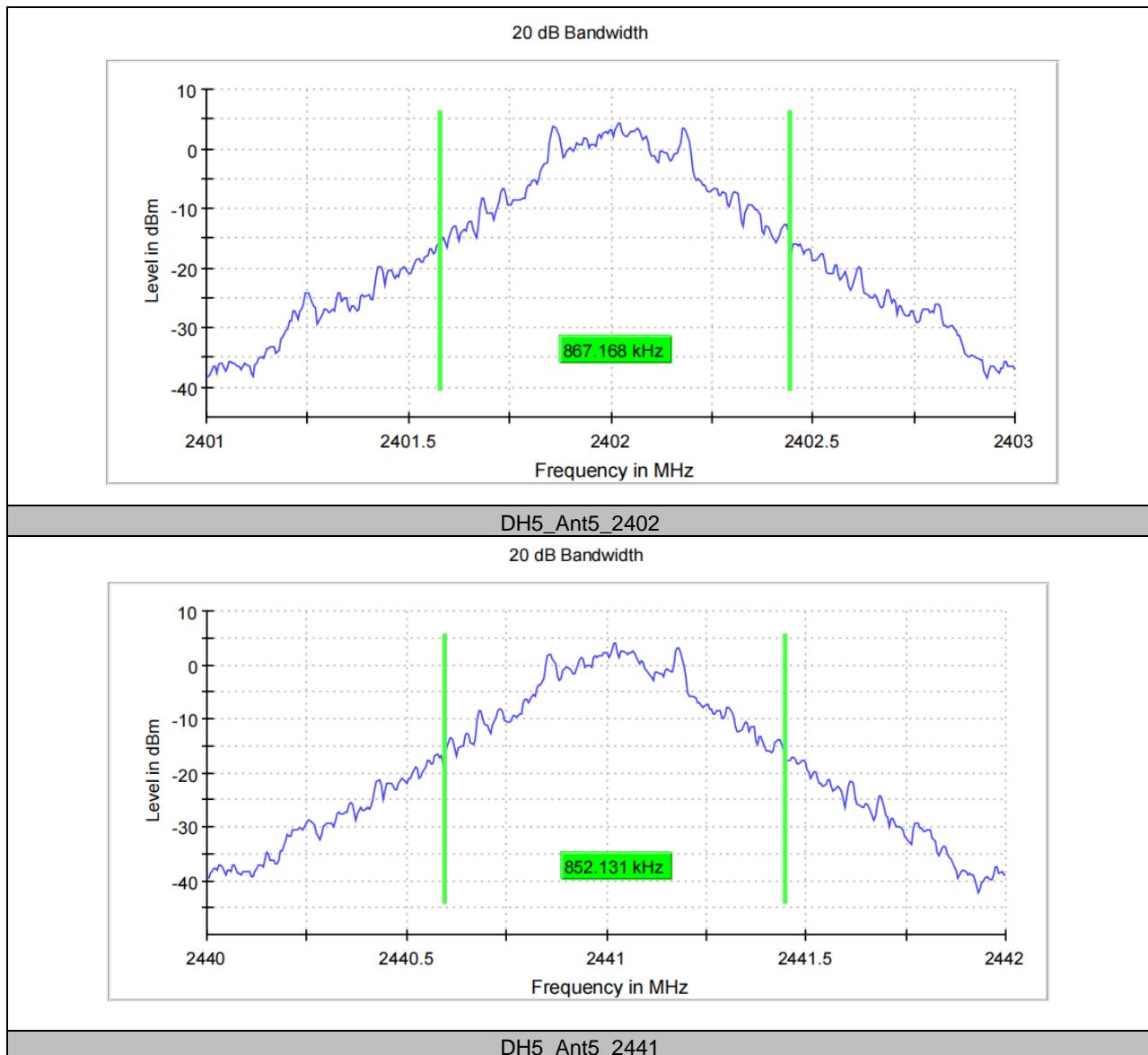
20DB EMISSION BANDWIDTH TEST RESULT

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant5	2402	0.867	2401.576	2402.444	---	PASS
		2441	0.852	2440.596	2441.449	---	PASS
		2480	0.867	2479.576	2480.444	---	PASS
2DH5	Ant5	2402	1.263	2401.376	2402.639	---	PASS
		2441	1.263	2440.381	2441.644	---	PASS
		2480	1.258	2479.381	2480.639	---	PASS
3DH5	Ant5	2402	1.278	2401.401	2402.679	---	PASS
		2441	1.278	2440.401	2441.679	---	PASS
		2480	1.273	2479.401	2480.674	---	PASS



Reference No.: PSU-QSU2312140113RF09

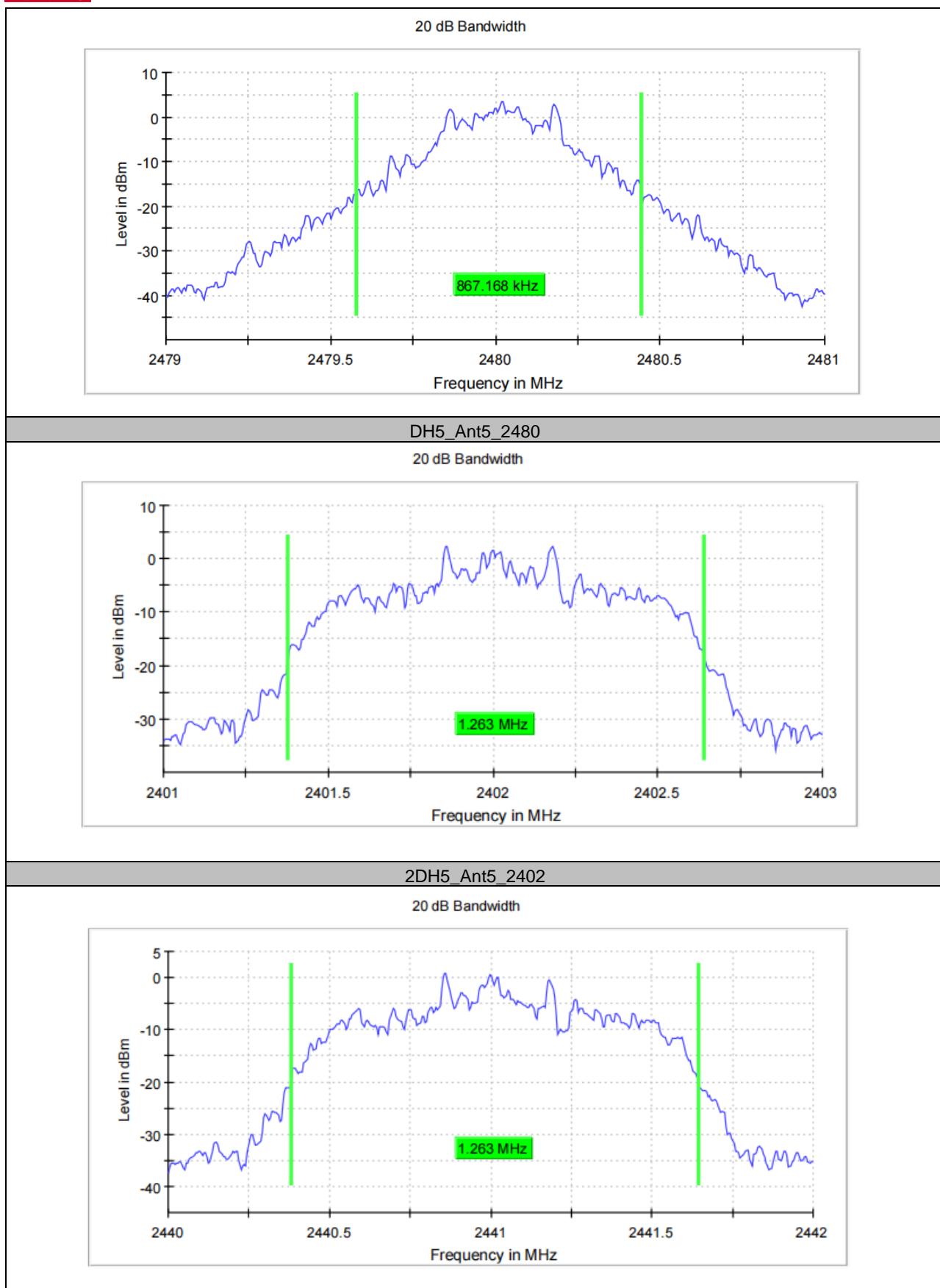
TEST GRAPHS





BUREAU
VERITAS

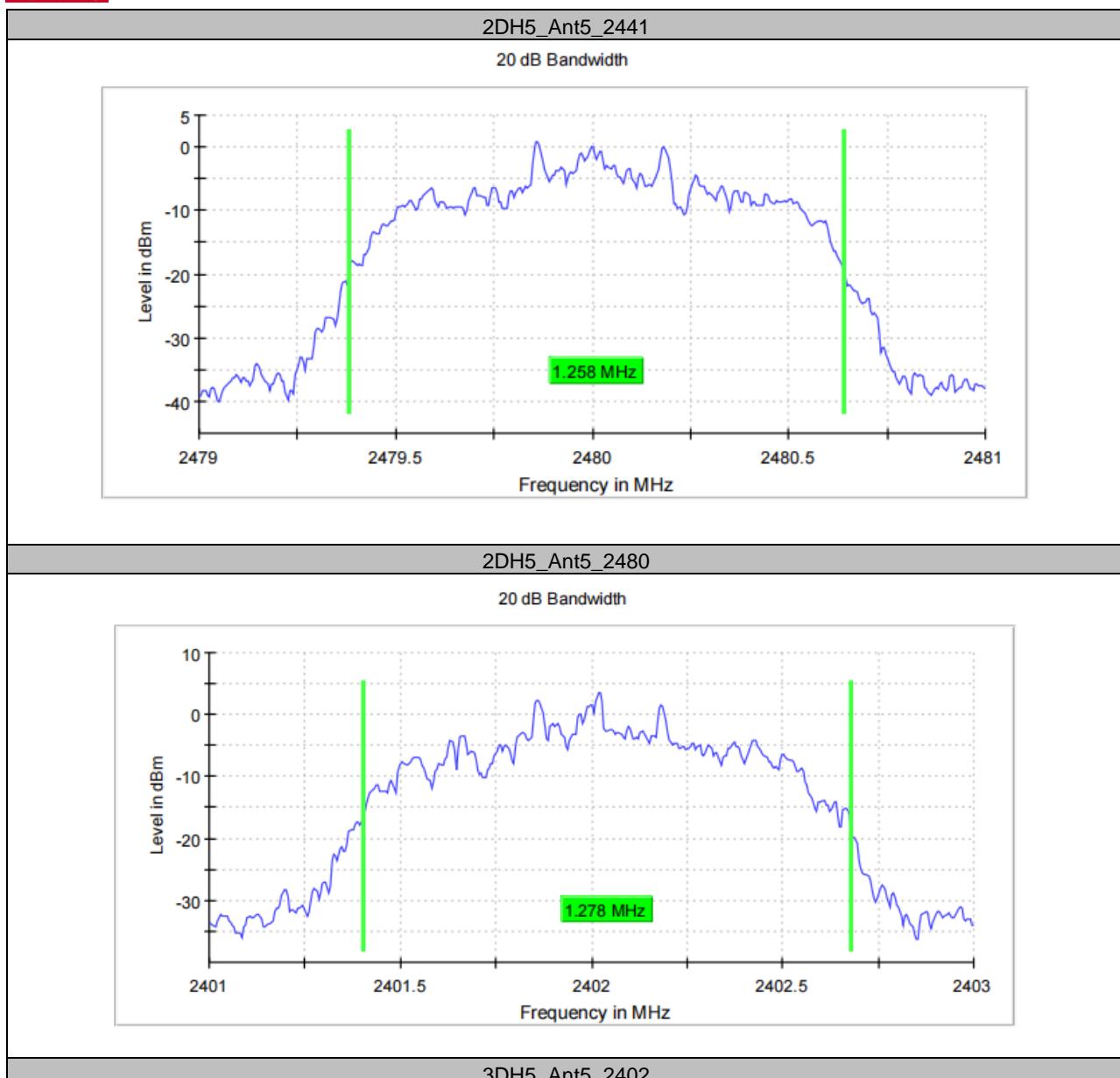
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09

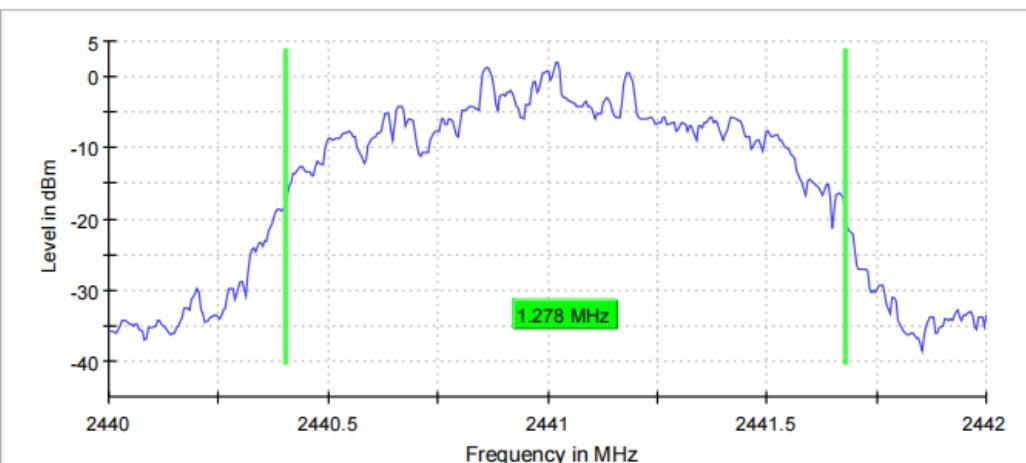




Reference No.: PSU-QSU2312140113RF09

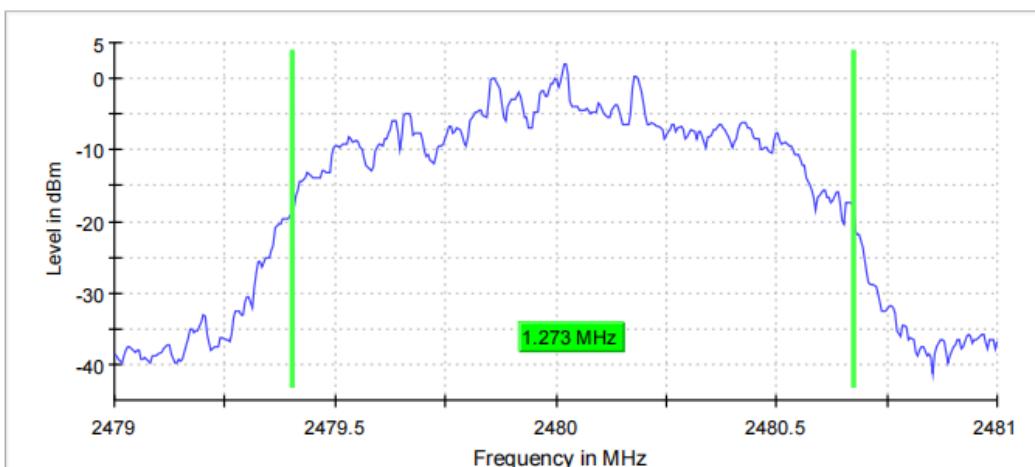
BUREAU
VERITAS

20 dB Bandwidth



3DH5_Ant5_2441

20 dB Bandwidth



3DH5_Ant5_2480

RBW 10.000 kHz

VBW 30.000 kHz



Reference No.: PSU-QSU2312140113RF09

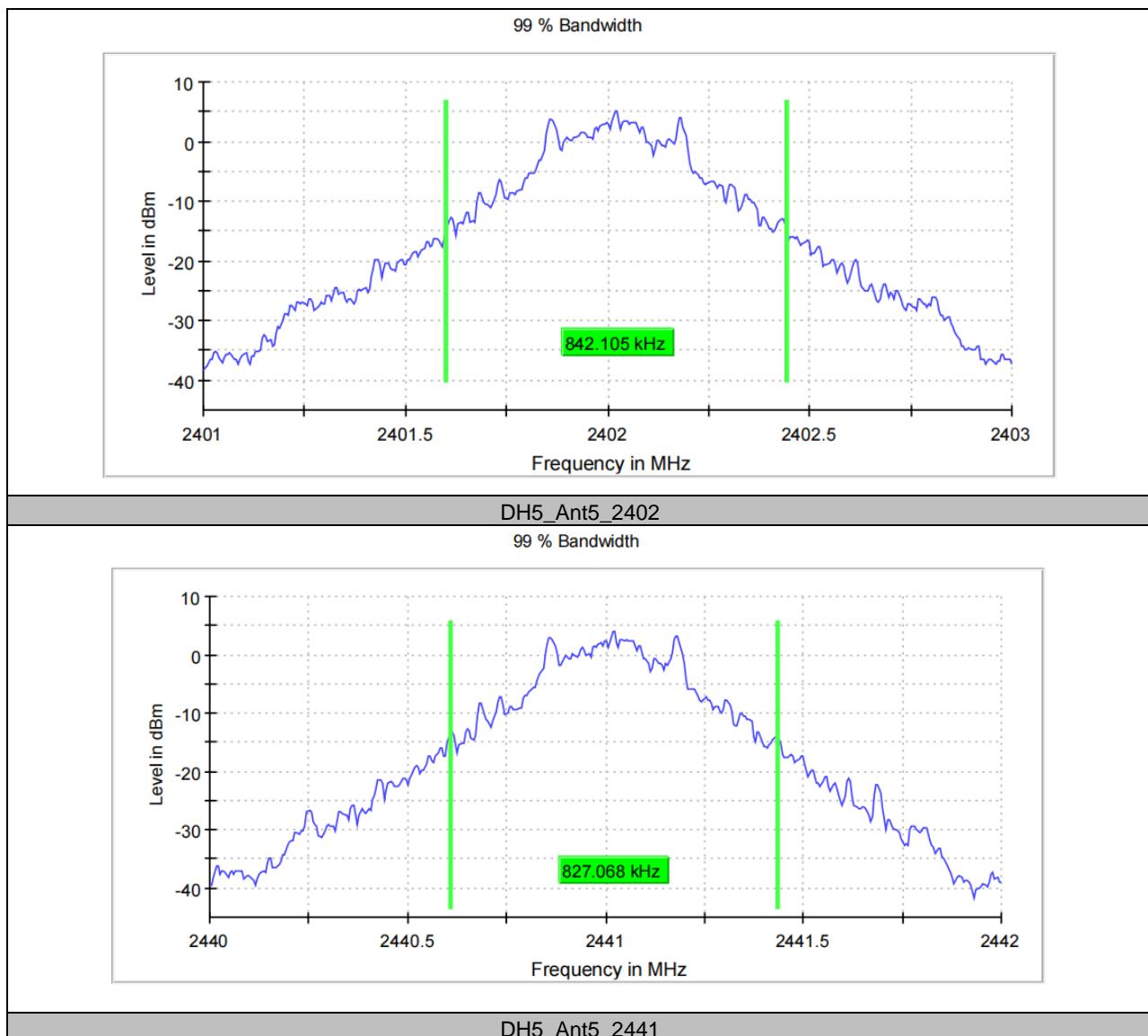
OCCUPIED CHANNEL BANDWIDTH TEST RESULT

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant5	2402	0.867	2401.576	2402.444	---	PASS
		2441	0.827	2440.607	2441.434	---	PASS
		2480	0.827	2479.607	2480.434	---	PASS
2DH5	Ant5	2402	1.163	2401.436	2402.599	---	PASS
		2441	1.163	2440.436	2441.599	---	PASS
		2480	1.158	2479.441	2480.599	---	PASS
3DH5	Ant5	2402	1.193	2401.426	2402.619	---	PASS
		2441	1.178	2440.431	2441.609	---	PASS
		2480	1.173	2479.436	2480.609	---	PASS



Reference No.: PSU-QSU2312140113RF09

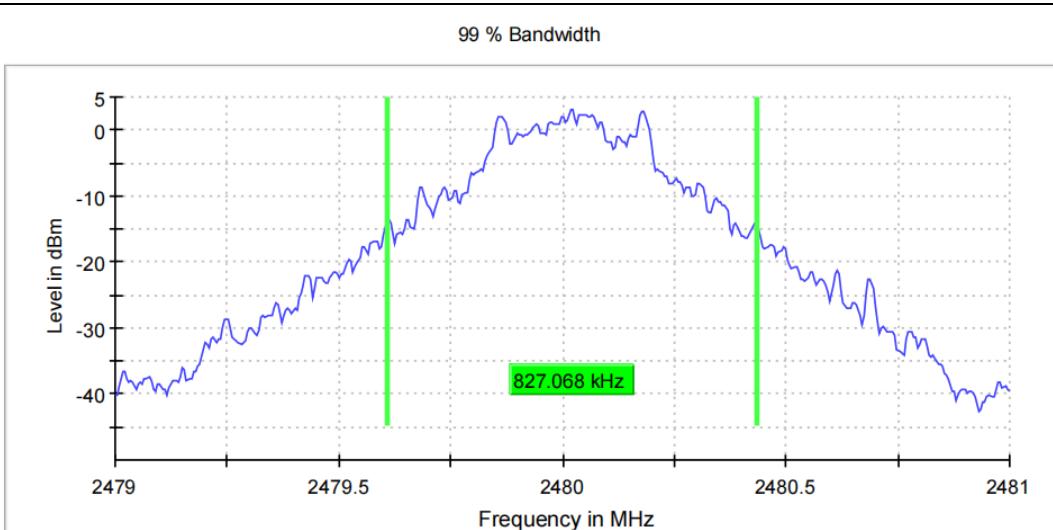
TEST GRAPHS





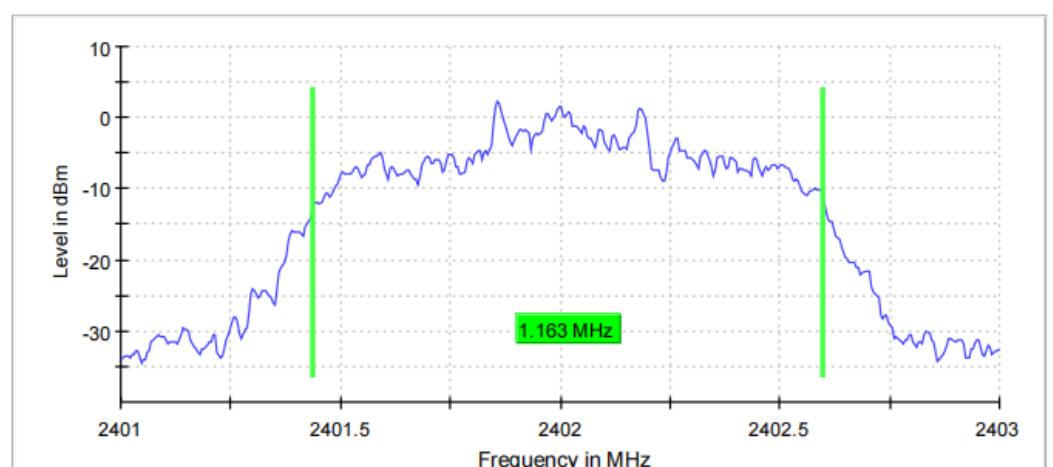
BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09



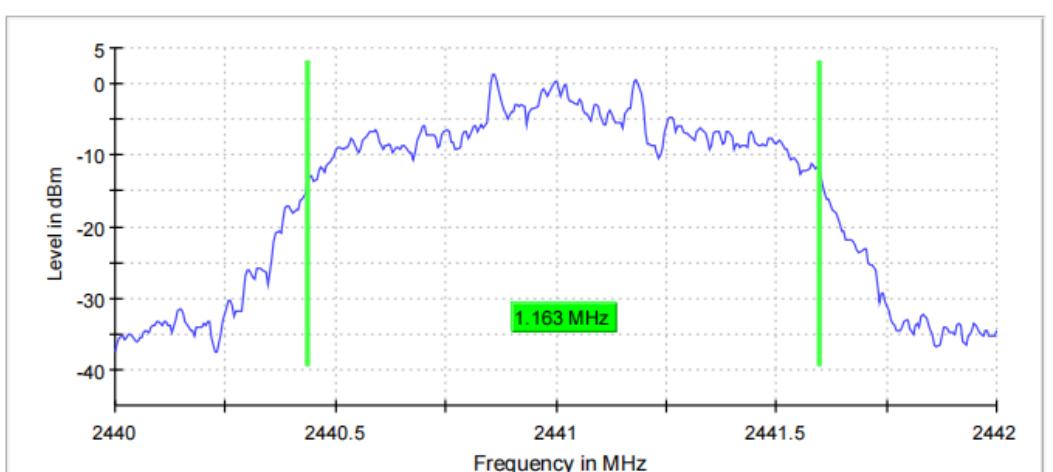
DH5_Ant5_2480

99 % Bandwidth



2DH5_Ant5_2402

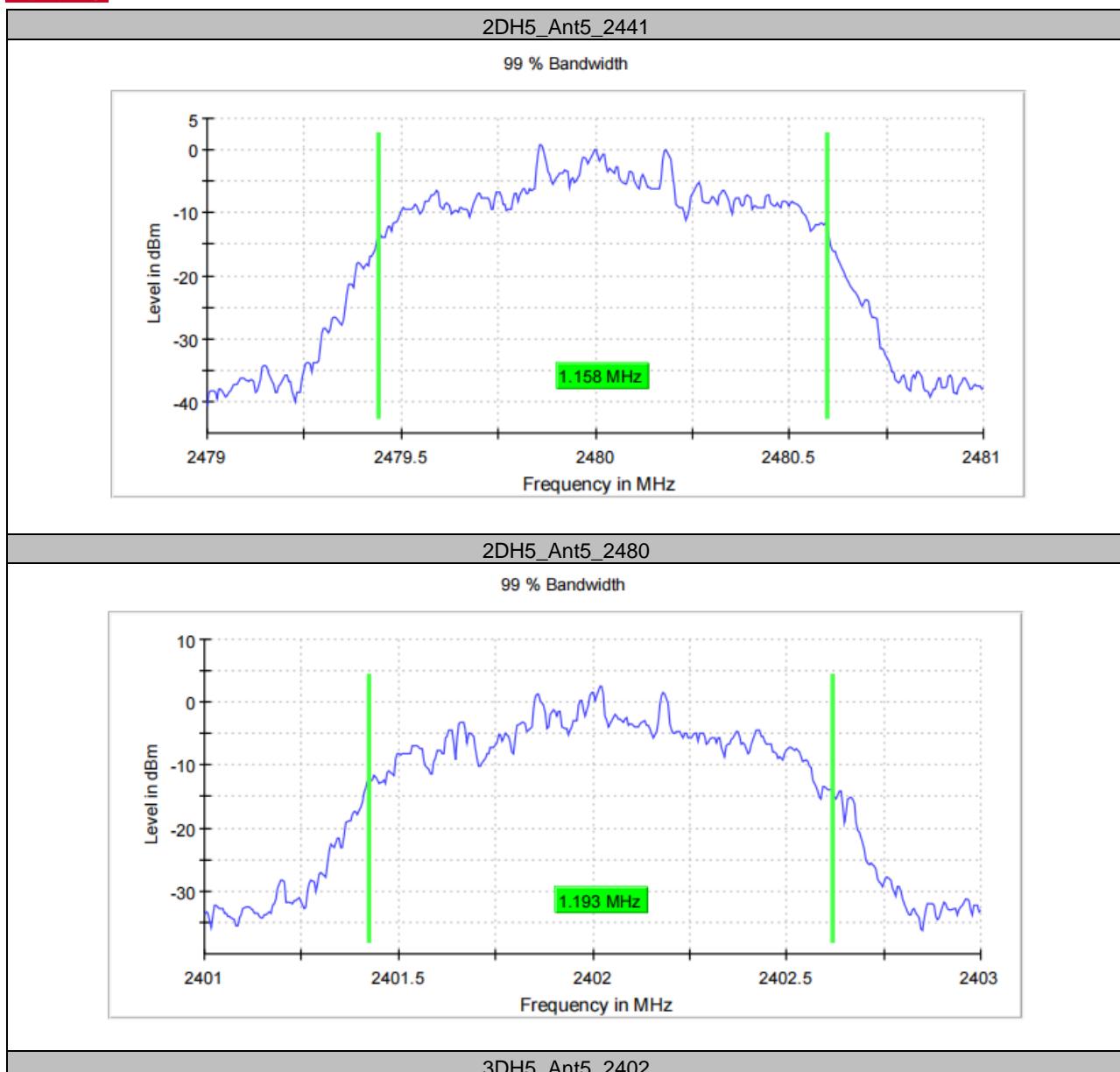
99 % Bandwidth





BUREAU
VERITAS

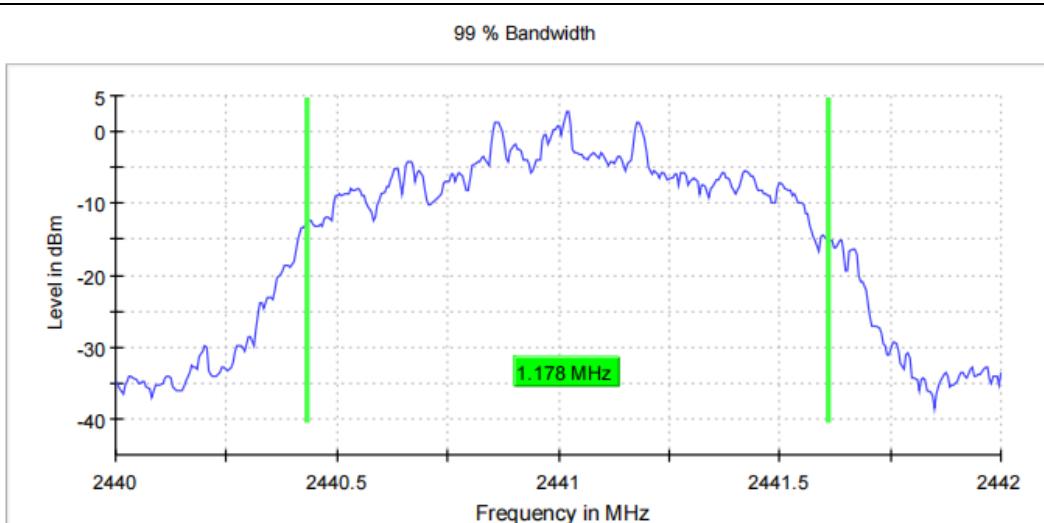
Reference No.: PSU-QSU2312140113RF09





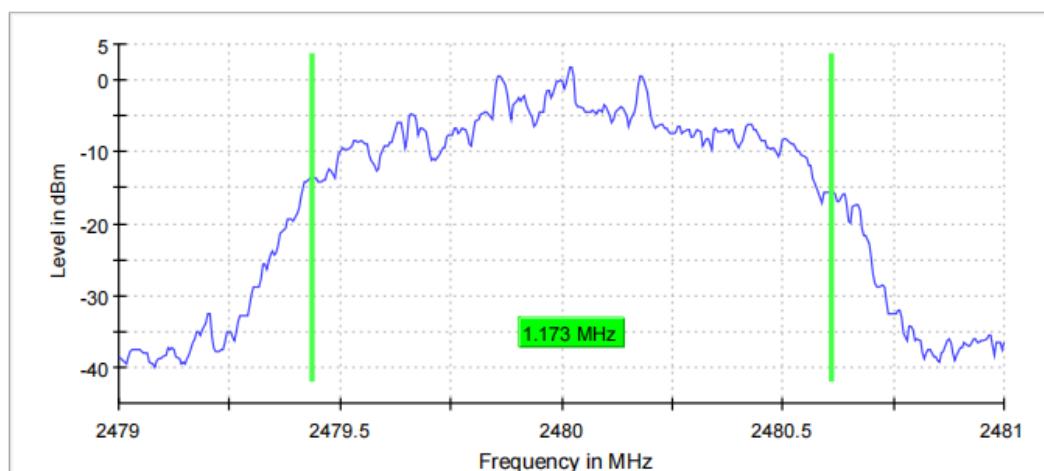
BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09



3DH5_Ant5_2441

99 % Bandwidth



3DH5_Ant5_2480

RBW 10.000 kHz

VBW 30.000 kHz



Reference No.: PSU-QSU2312140113RF09

MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

TestMode	Antenna	Frequency [MHz]	Average power [dBm]	Peak Power [dBm]	Peak power [mw]	Conducted Limit [dBm]	Verdict	Power Setting
DH5	Ant5	2402	10.41	10.83	12.11	≤20.97	PASS	Defult
		2441	10.13	10.59	11.44	≤20.97	PASS	Defult
		2480	10.47	10.97	12.50	≤20.97	PASS	Defult
2DH5	Ant5	2402	9.55	9.94	9.87	≤20.97	PASS	Defult
		2441	8.73	9.33	8.56	≤20.97	PASS	Defult
		2480	7.93	8.35	6.84	≤20.97	PASS	Defult
3DH5	Ant5	2402	9.47	9.86	9.69	≤20.97	PASS	Defult
		2441	8.78	9.43	8.78	≤20.97	PASS	Defult
		2480	7.94	8.51	7.09	≤20.97	PASS	Defult



Reference No.: PSU-QSU2312140113RF09

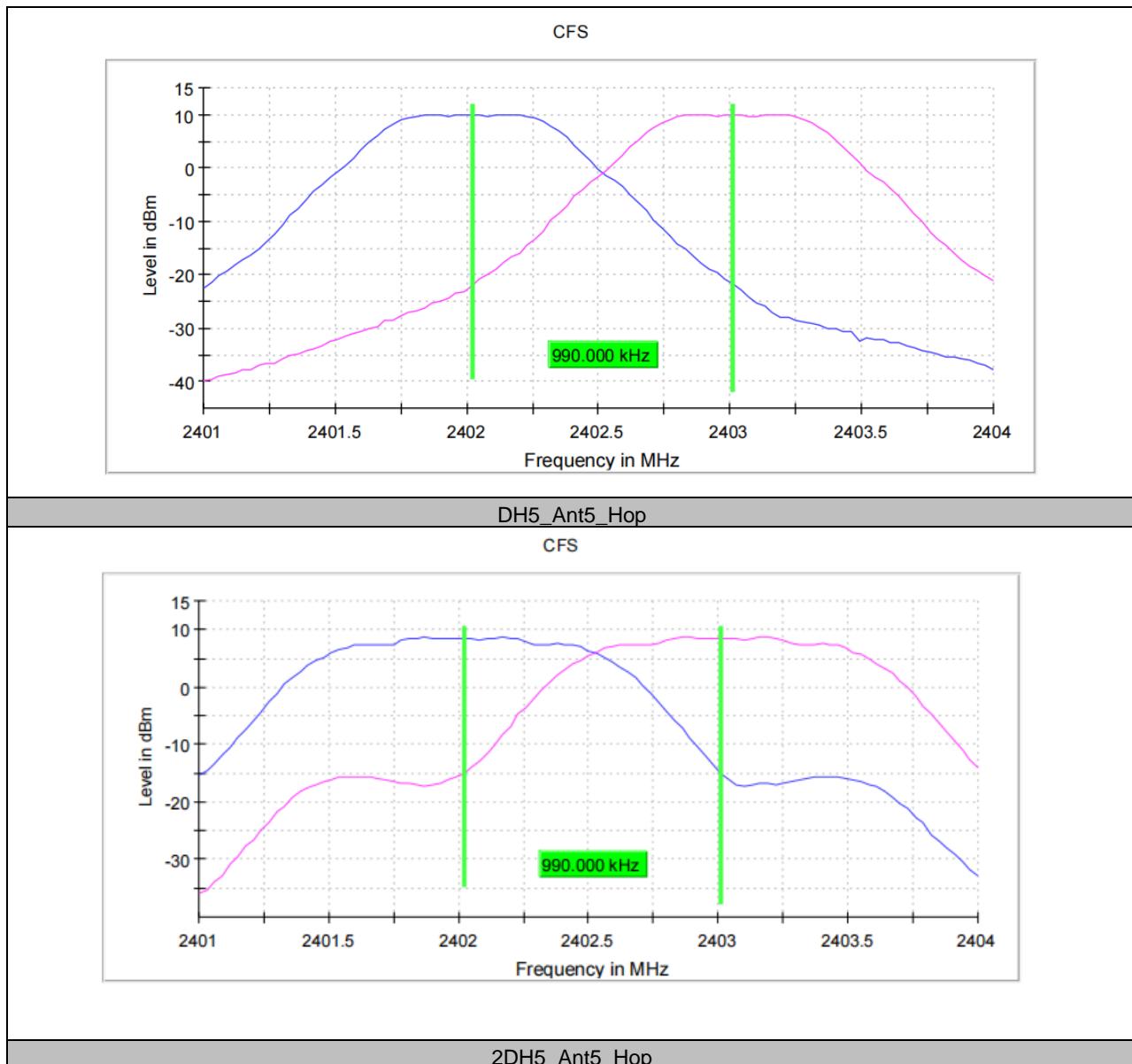
CARRIER FREQUENCY SEPARATION TEST RESULT

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant5	Hop	0.990	≥0.6321	PASS
2DH5	Ant5	Hop	0.990	≥0.8743	PASS
3DH5	Ant5	Hop	0.990	≥0.8636	PASS



Reference No.: PSU-QSU2312140113RF09

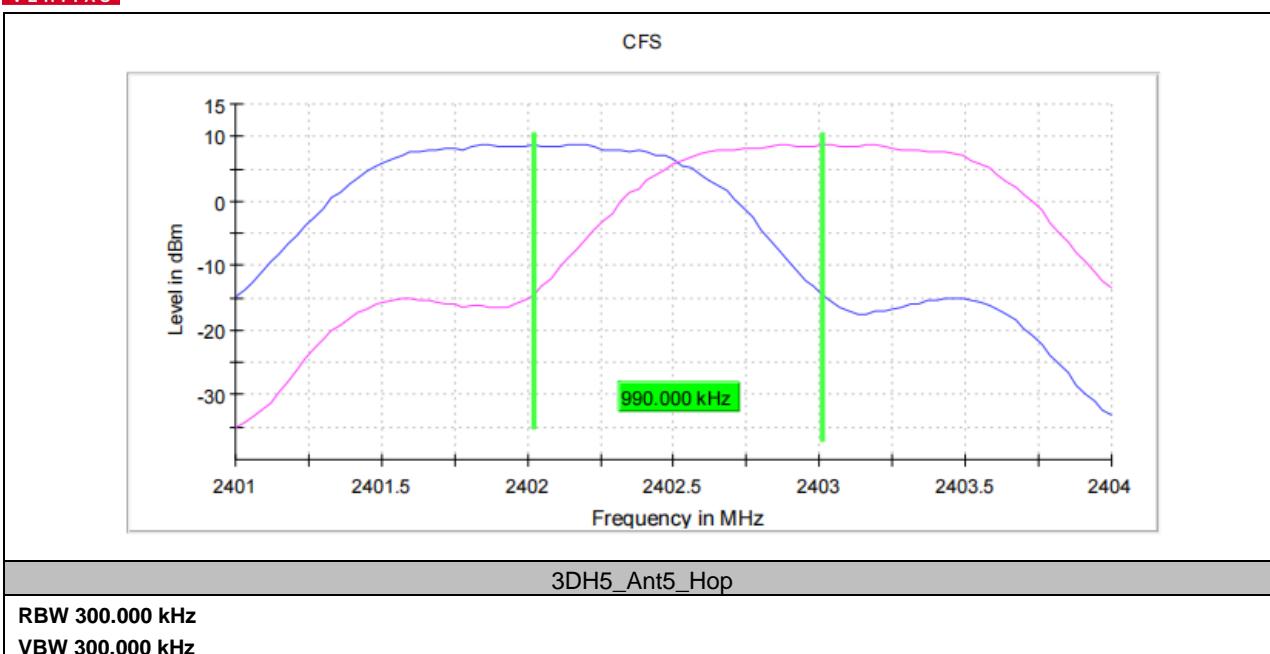
TEST GRAPHS





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09





Reference No.: PSU-QSU2312140113RF09

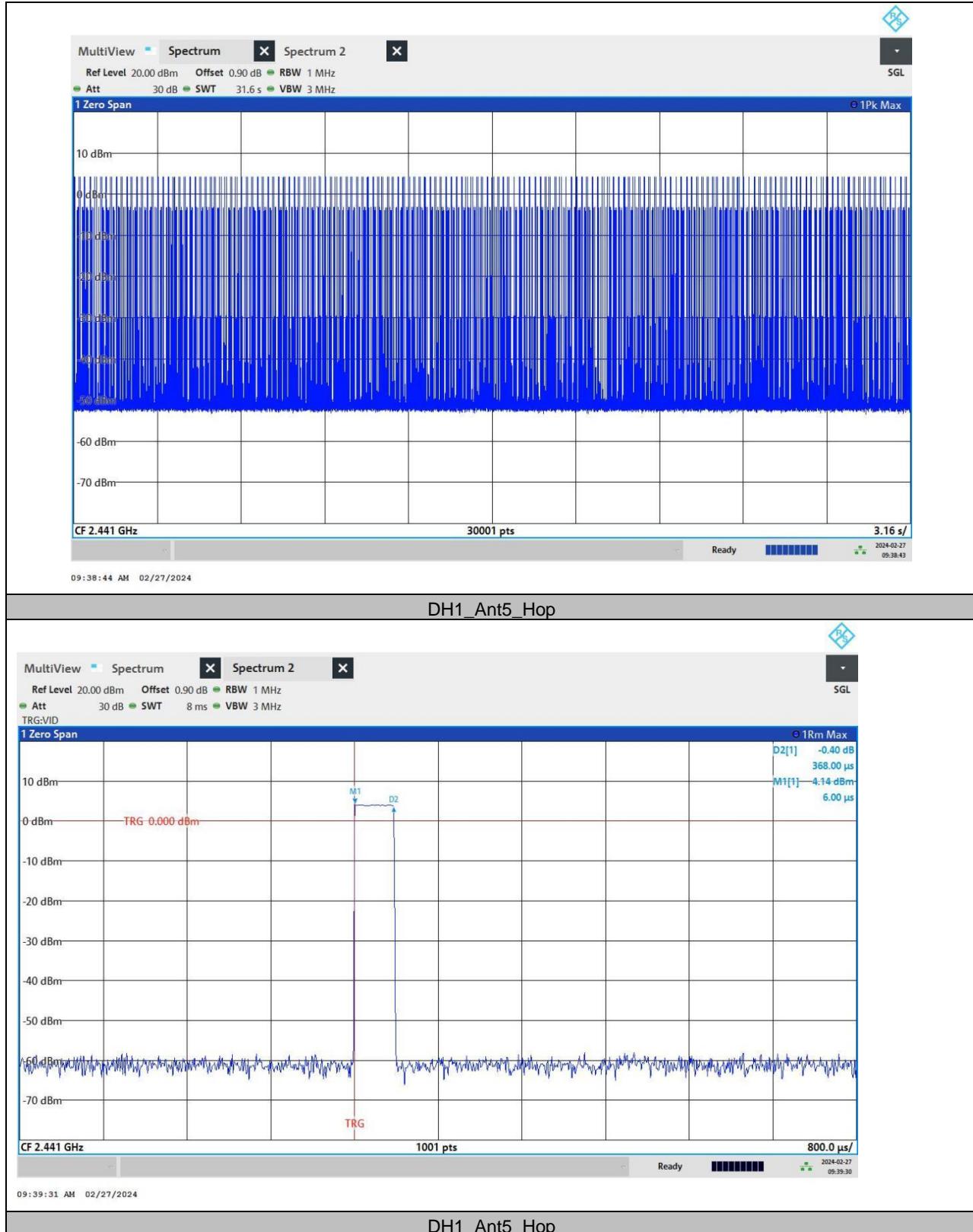
TIME OF OCCUPANCY TEST RESULT

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant5	Hop	326.000	0.368	119.968	≤0.4	PASS
DH3	Ant5	Hop	110.000	1.624	178.640	≤0.4	PASS
DH5	Ant5	Hop	83.000	2.872	238.376	≤0.4	PASS
2DH1	Ant5	Hop	321.000	0.372	119.412	≤0.4	PASS
2DH3	Ant5	Hop	105.000	1.620	170.100	≤0.4	PASS
2DH5	Ant5	Hop	78.000	2.880	224.640	≤0.4	PASS
3DH1	Ant5	Hop	303.000	0.372	112.716	≤0.4	PASS
3DH3	Ant5	Hop	126.000	1.624	204.624	≤0.4	PASS
3DH5	Ant5	Hop	85.000	2.880	244.800	≤0.4	PASS



Reference No.: PSU-QSU2312140113RF09

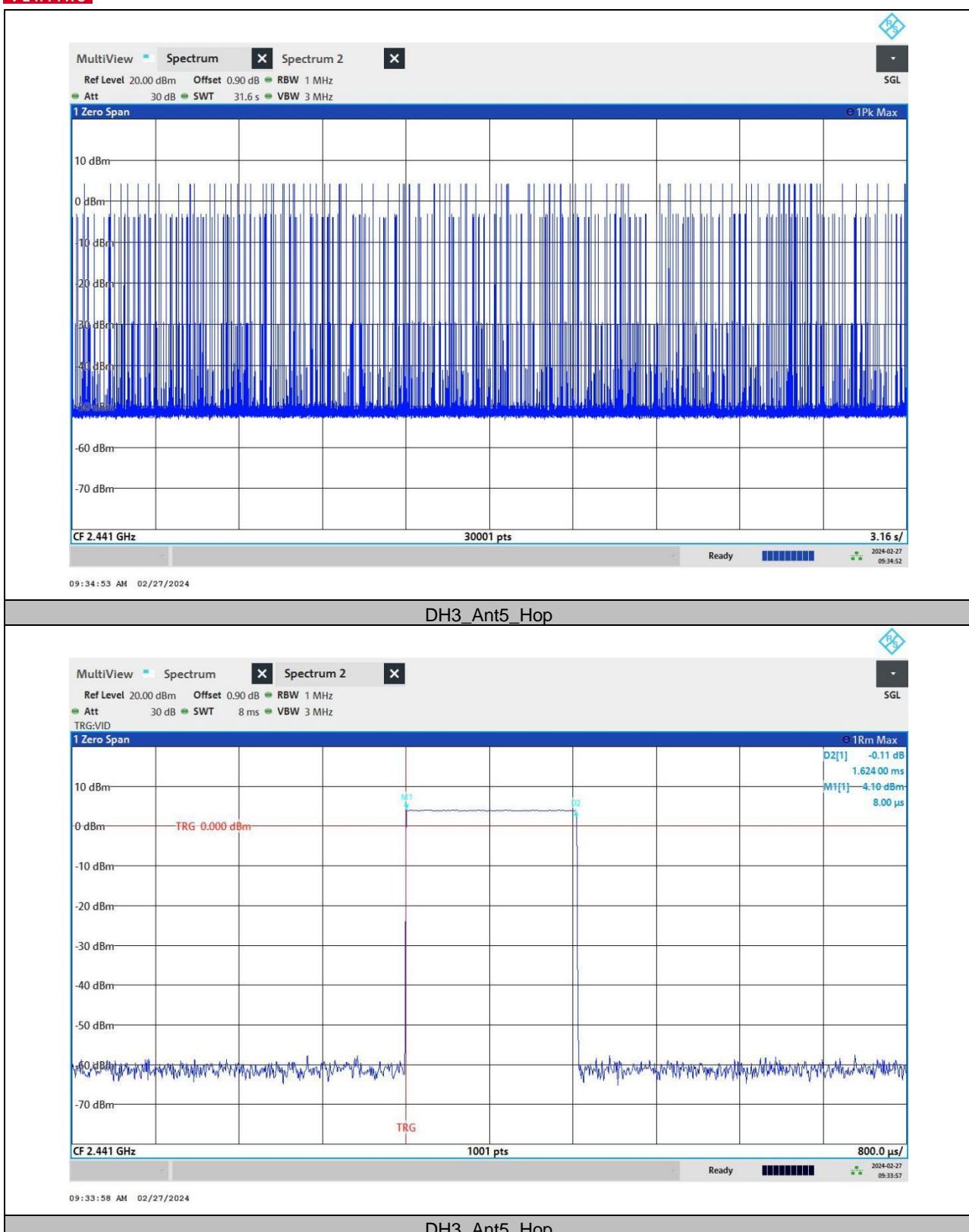
TEST GRAPHS





BUREAU
VERITAS

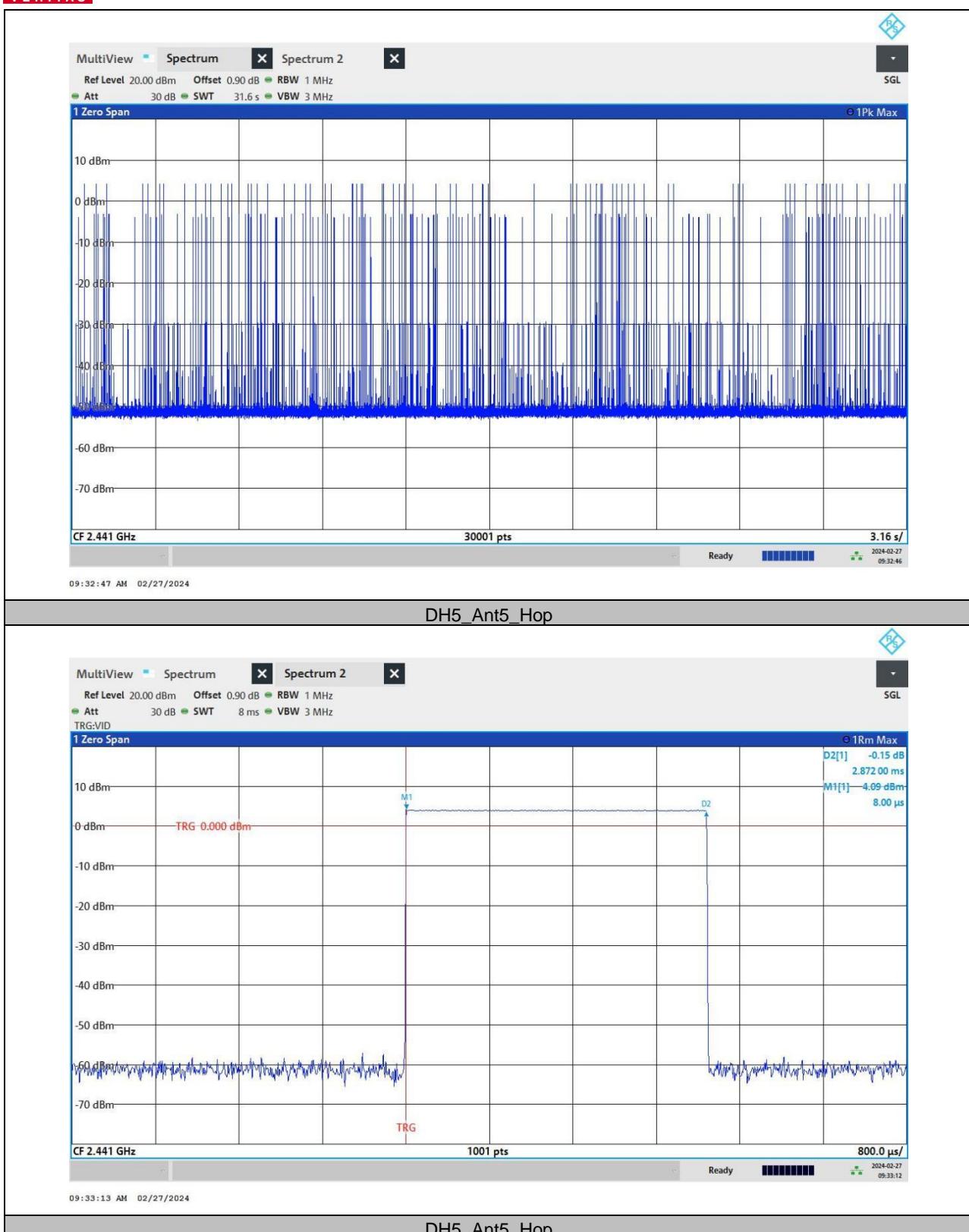
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

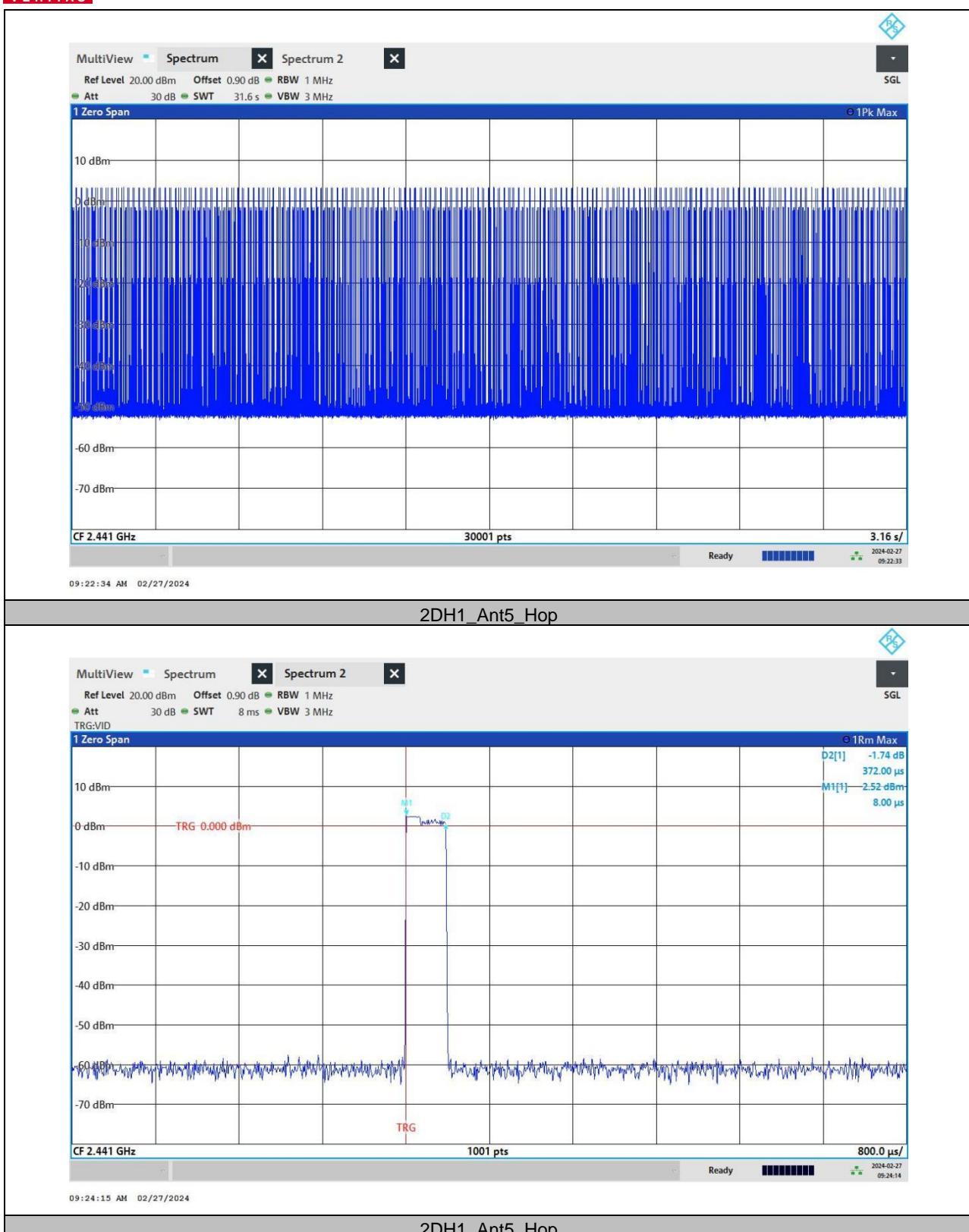
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

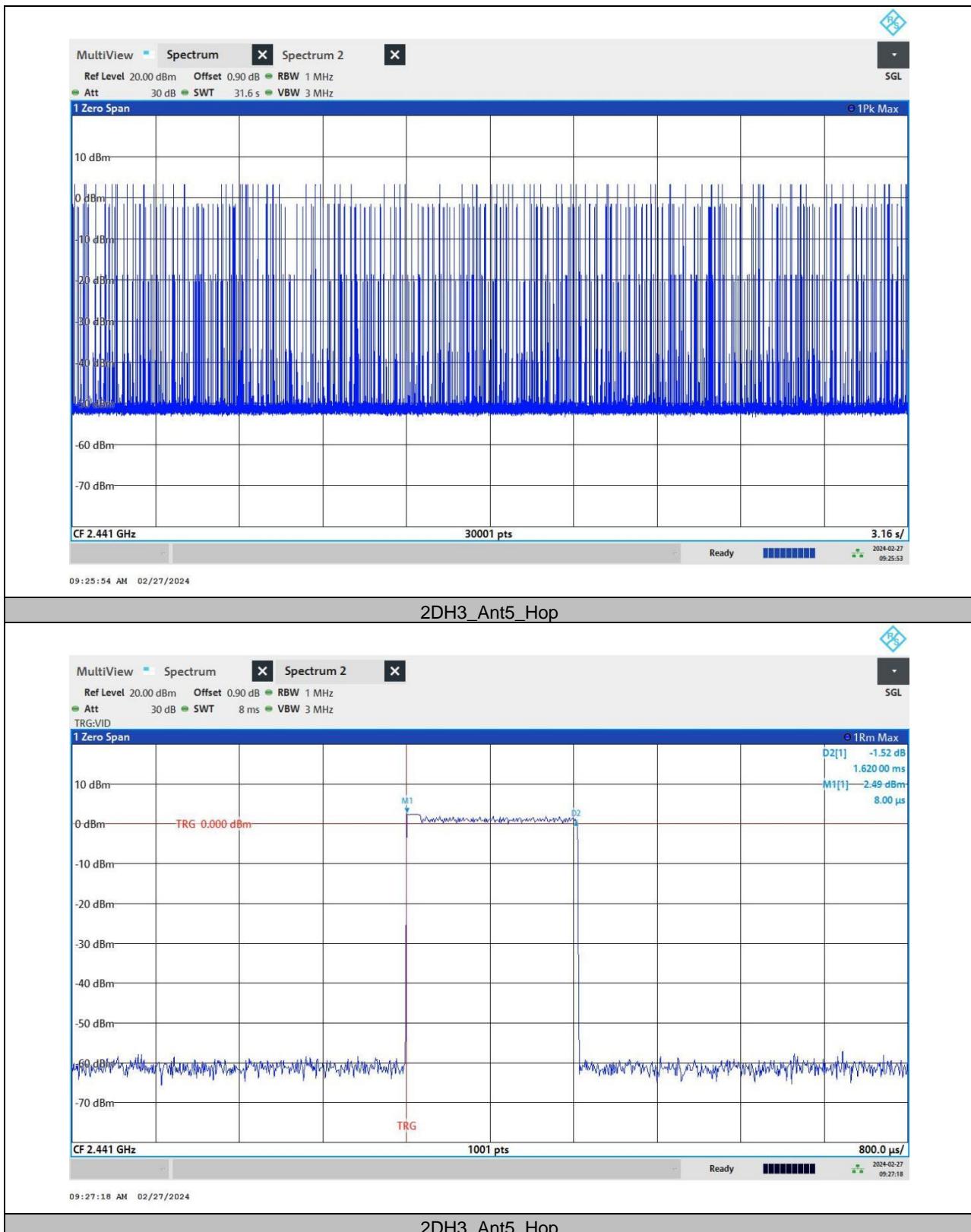
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

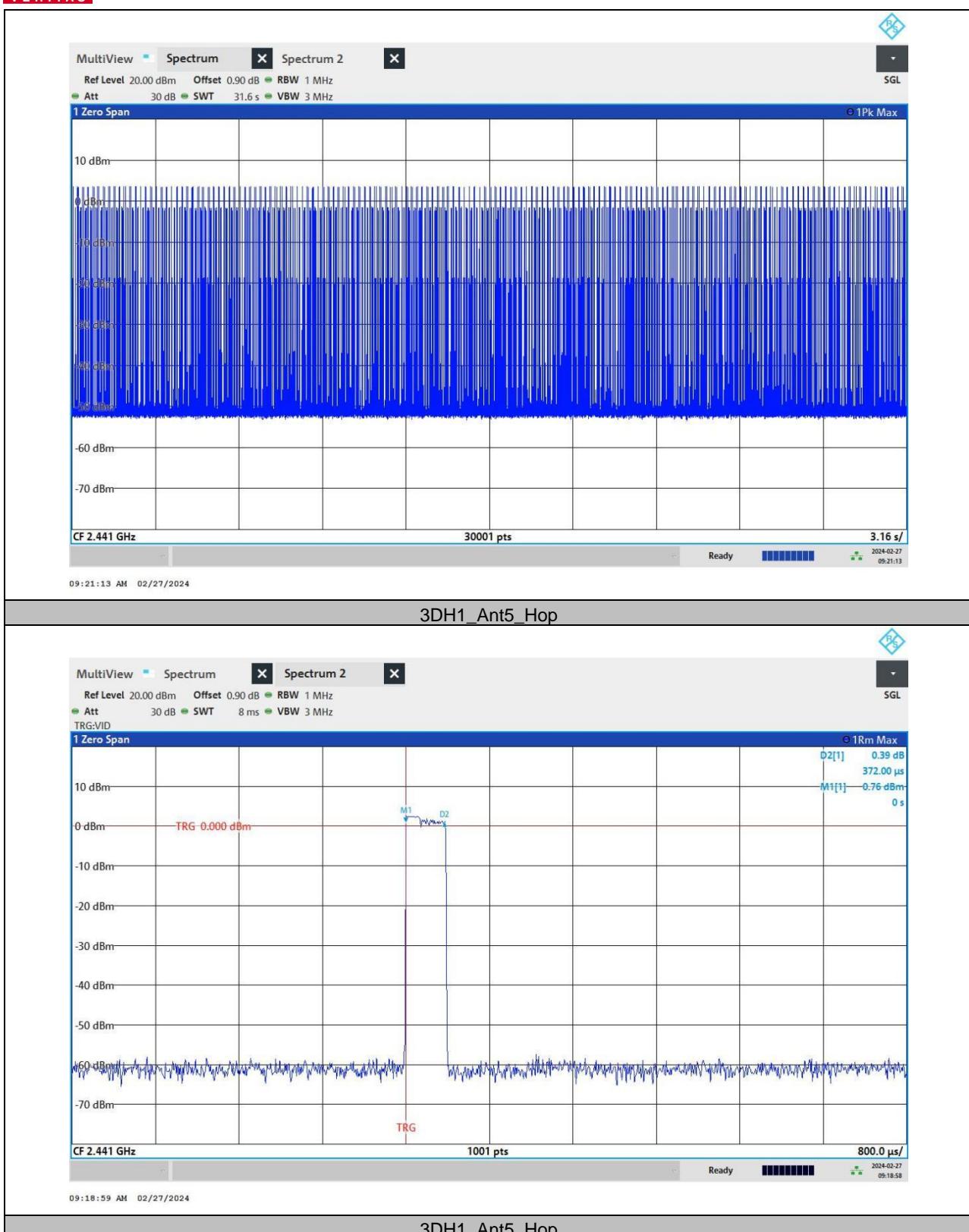
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

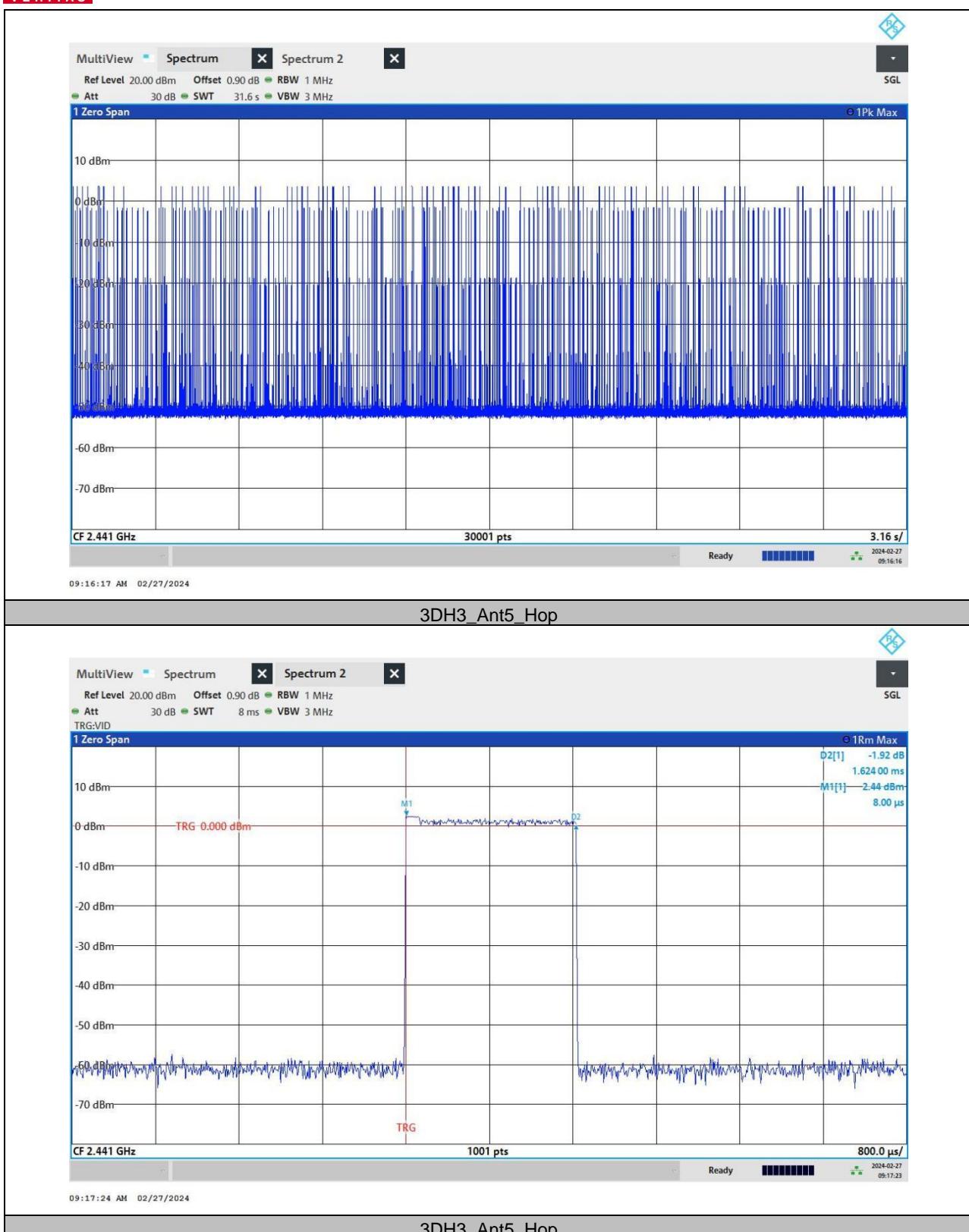
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

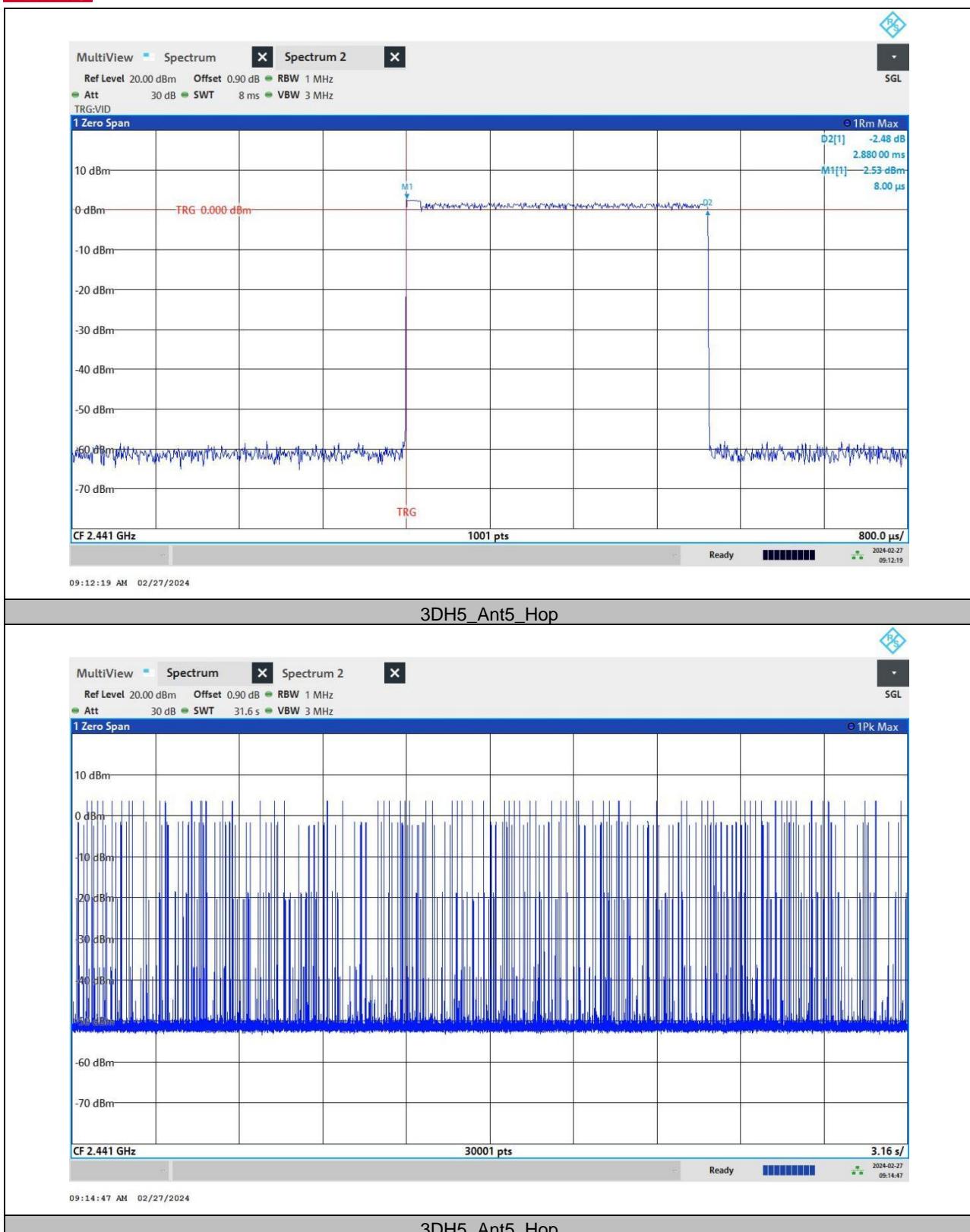
Reference No.: PSU-QSU2312140113RF09





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09





Reference No.: PSU-QSU2312140113RF09

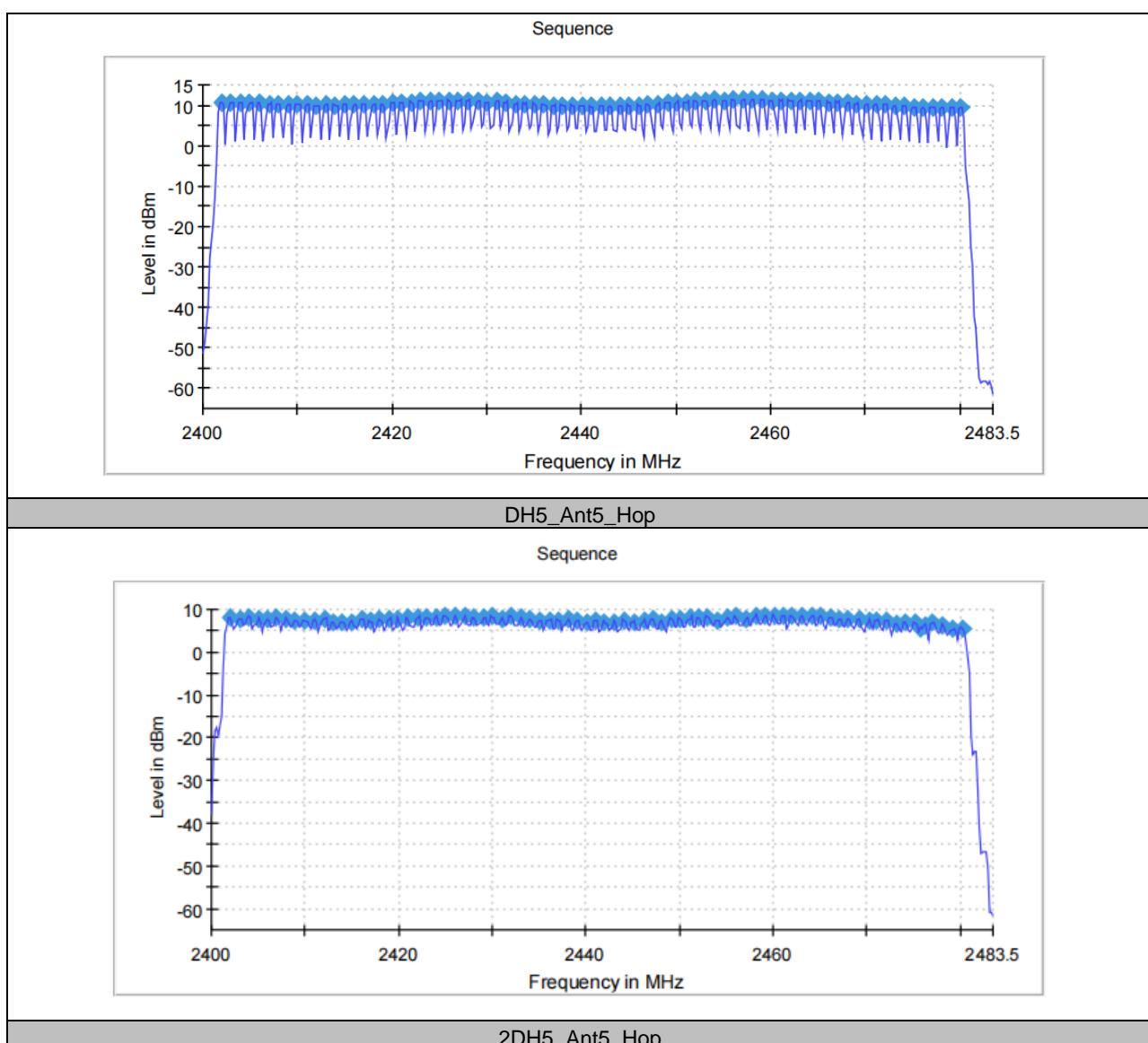
NUMBER OF HOPPING CHANNELS TEST RESULT

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant5	Hop	79	≥15	PASS
2DH5	Ant5	Hop	79	≥15	PASS
3DH5	Ant5	Hop	79	≥15	PASS



Reference No.: PSU-QSU2312140113RF09

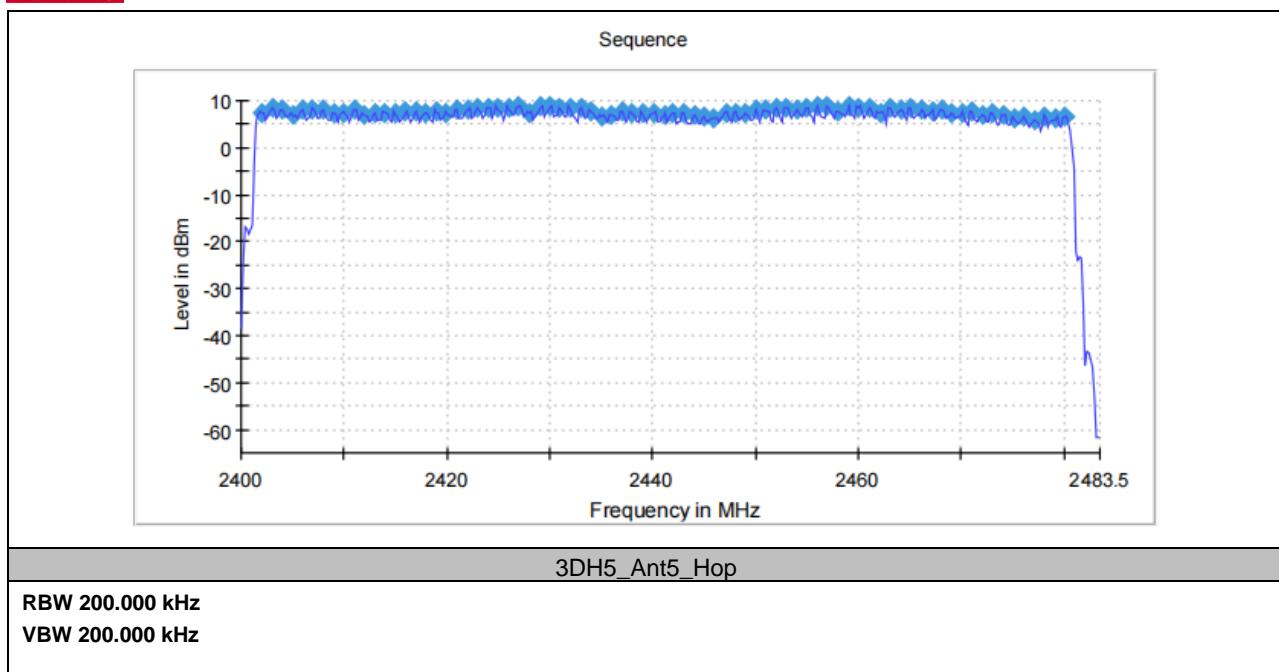
TEST GRAPHS





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09





Reference No.: PSU-QSU2312140113RF09

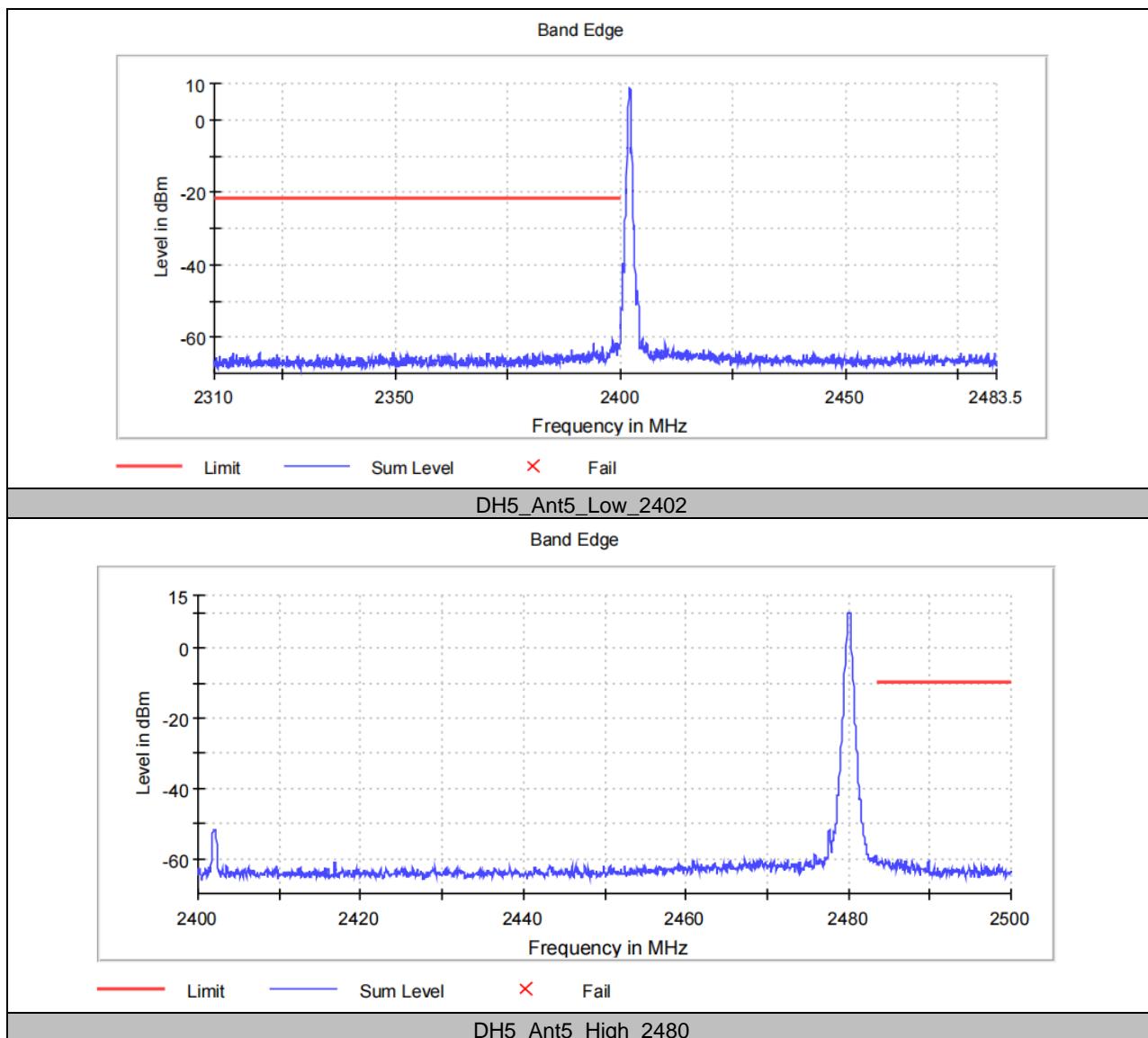
BAND EDGE MEASUREMENTS TEST RESULT

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant5	Low	2402	See test graph	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	See test graph	PASS
		Low	Hop_2402	See test graph	See test graph	See test graph	PASS
		High	Hop_2480	See test graph	See test graph	See test graph	PASS
2DH5	Ant5	Low	2402	See test graph	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	See test graph	PASS
		Low	Hop_2402	See test graph	See test graph	See test graph	PASS
		High	Hop_2480	See test graph	See test graph	See test graph	PASS
3DH5	Ant5	Low	2402	See test graph	See test graph	See test graph	PASS
		High	2480	See test graph	See test graph	See test graph	PASS
		Low	Hop_2402	See test graph	See test graph	See test graph	PASS
		High	Hop_2480	See test graph	See test graph	See test graph	PASS



Reference No.: PSU-QSU2312140113RF09

TEST GRAPHS





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09

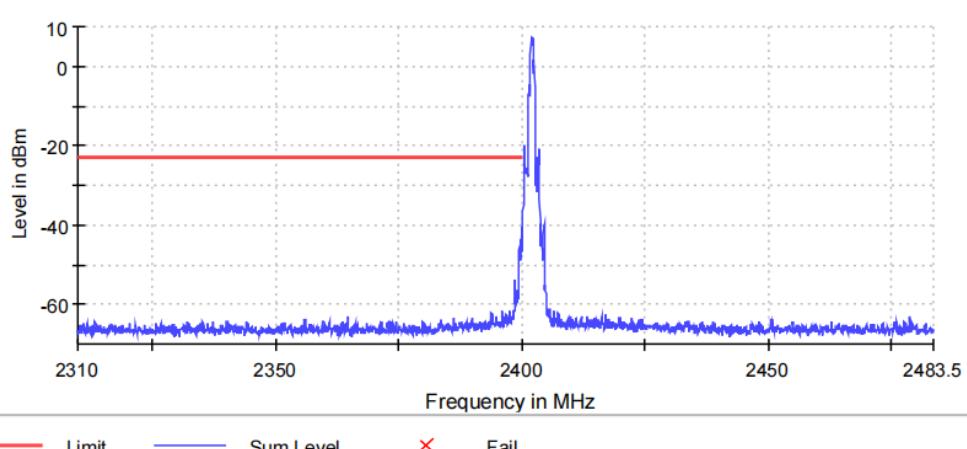




Reference No.: PSU-QSU2312140113RF09

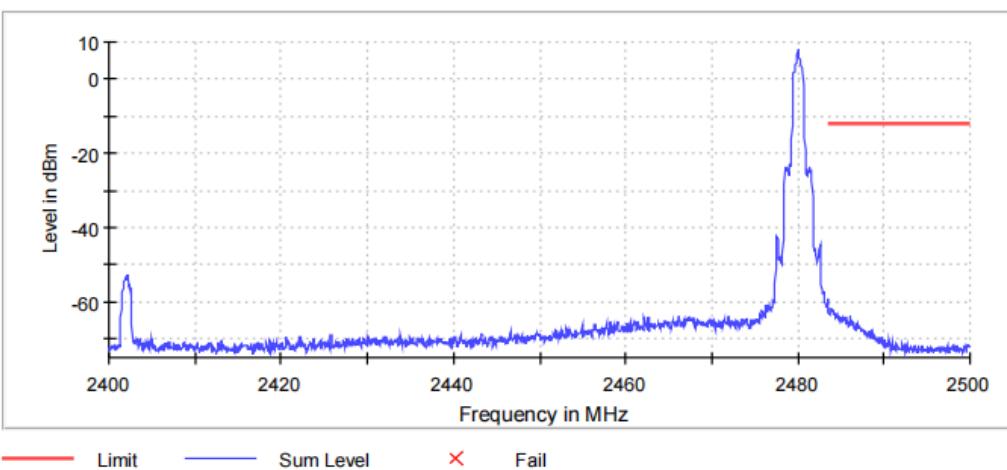
BUREAU
VERITAS

Band Edge



2DH5_Ant5_Low_2402

Band Edge



2DH5_Ant5_High_2480



BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09

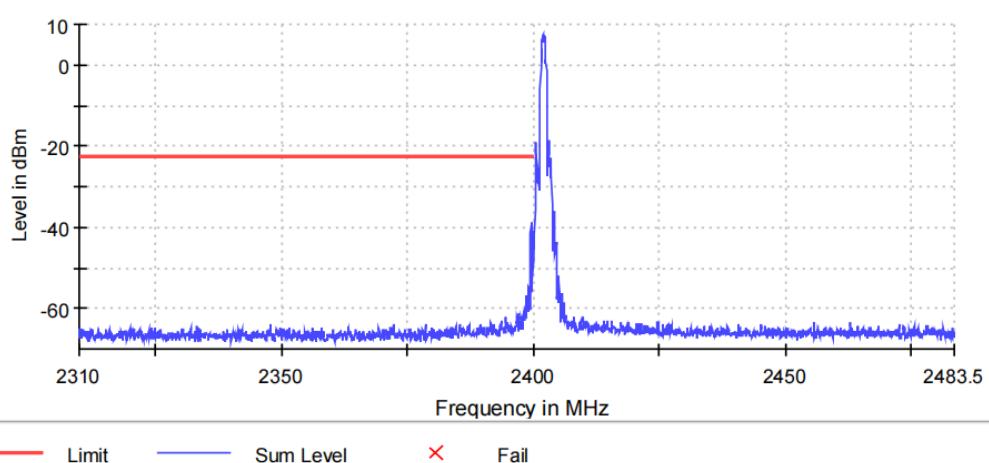




Reference No.: PSU-QSU2312140113RF09

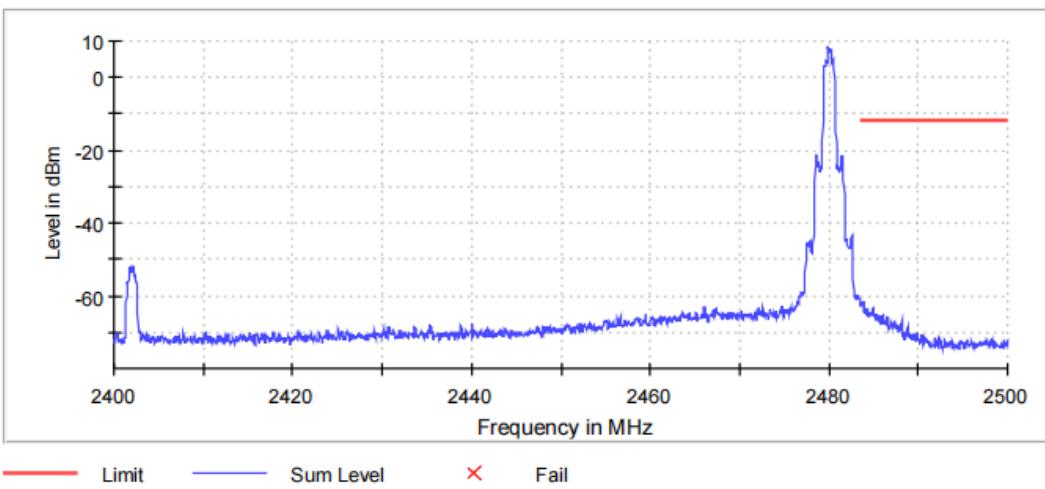
BUREAU
VERITAS

Band Edge



3DH5_Ant5_Low_2402

Band Edge



3DH5_Ant5_High_2480



Reference No.: PSU-QSU2312140113RF09

BUREAU
VERITAS



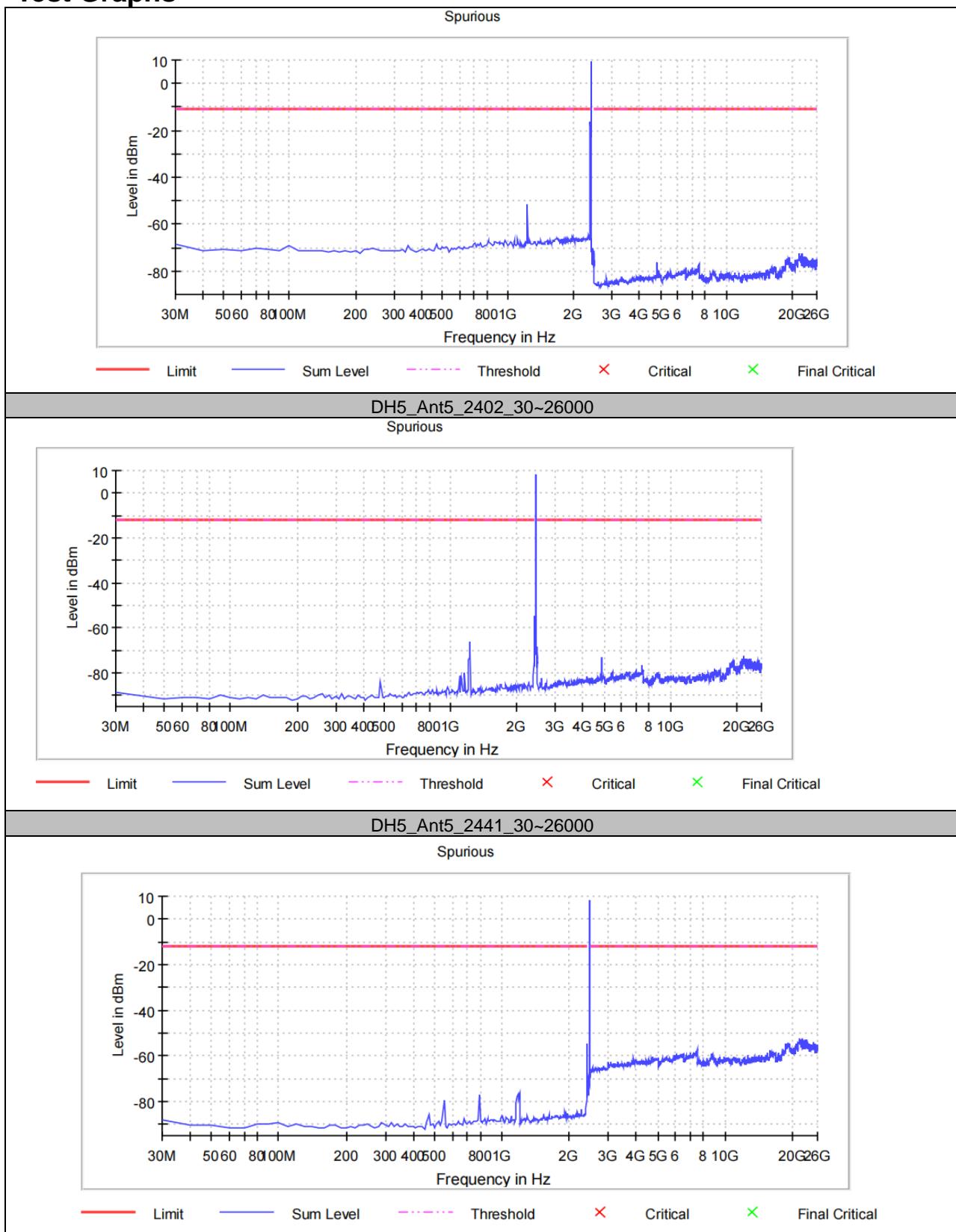


Reference No.: PSU-QSU2312140113RF09

CONDUCTED SPURIOUS EMISSION TEST RESULT

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant5	2402	30~26000	See test graph	See test graph	See test graph	PASS
		2441	30~26000	See test graph	See test graph	See test graph	PASS
		2480	30~26000	See test graph	See test graph	See test graph	PASS
2DH5	Ant5	2402	30~26000	See test graph	See test graph	See test graph	PASS
		2441	30~26000	See test graph	See test graph	See test graph	PASS
		2480	30~26000	See test graph	See test graph	See test graph	PASS
3DH5	Ant5	2402	30~26000	See test graph	See test graph	See test graph	PASS
		2441	30~26000	See test graph	See test graph	See test graph	PASS
		2480	30~26000	See test graph	See test graph	See test graph	PASS

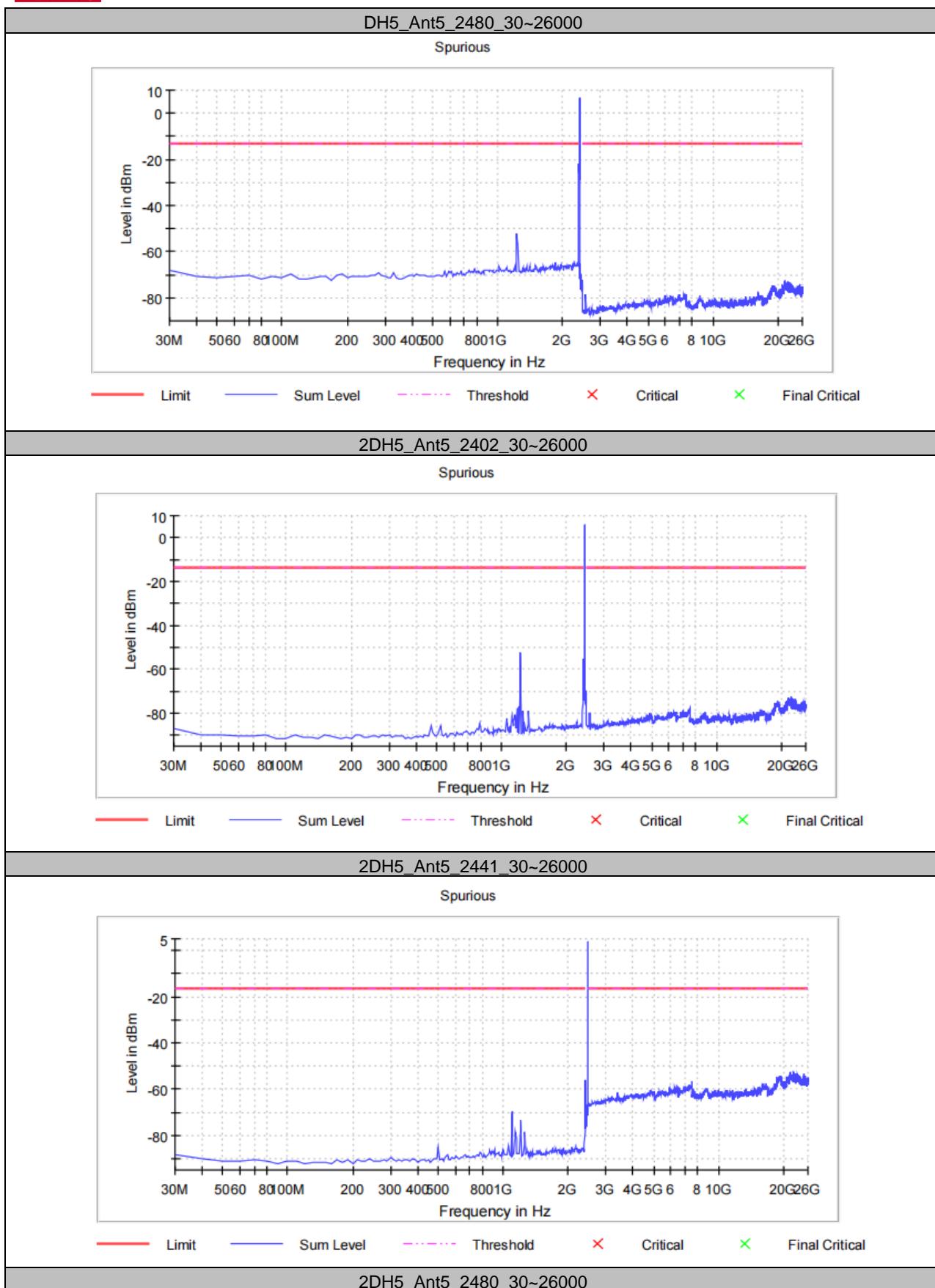
Test Graphs





Reference No.: PSU-QSU2312140113RF09

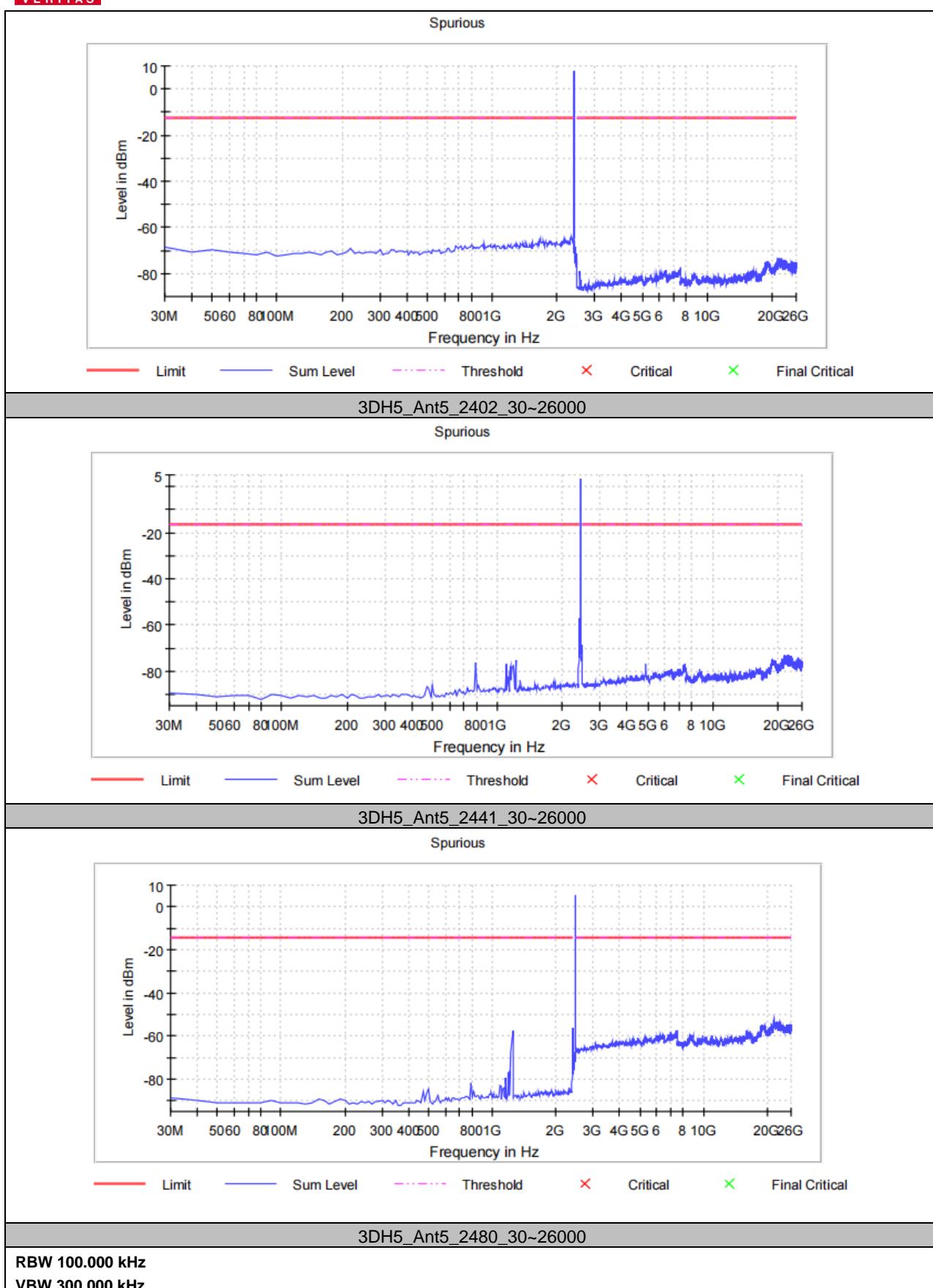
BUREAU
VERITAS





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09





Reference No.: PSU-QSU2312140113RF09

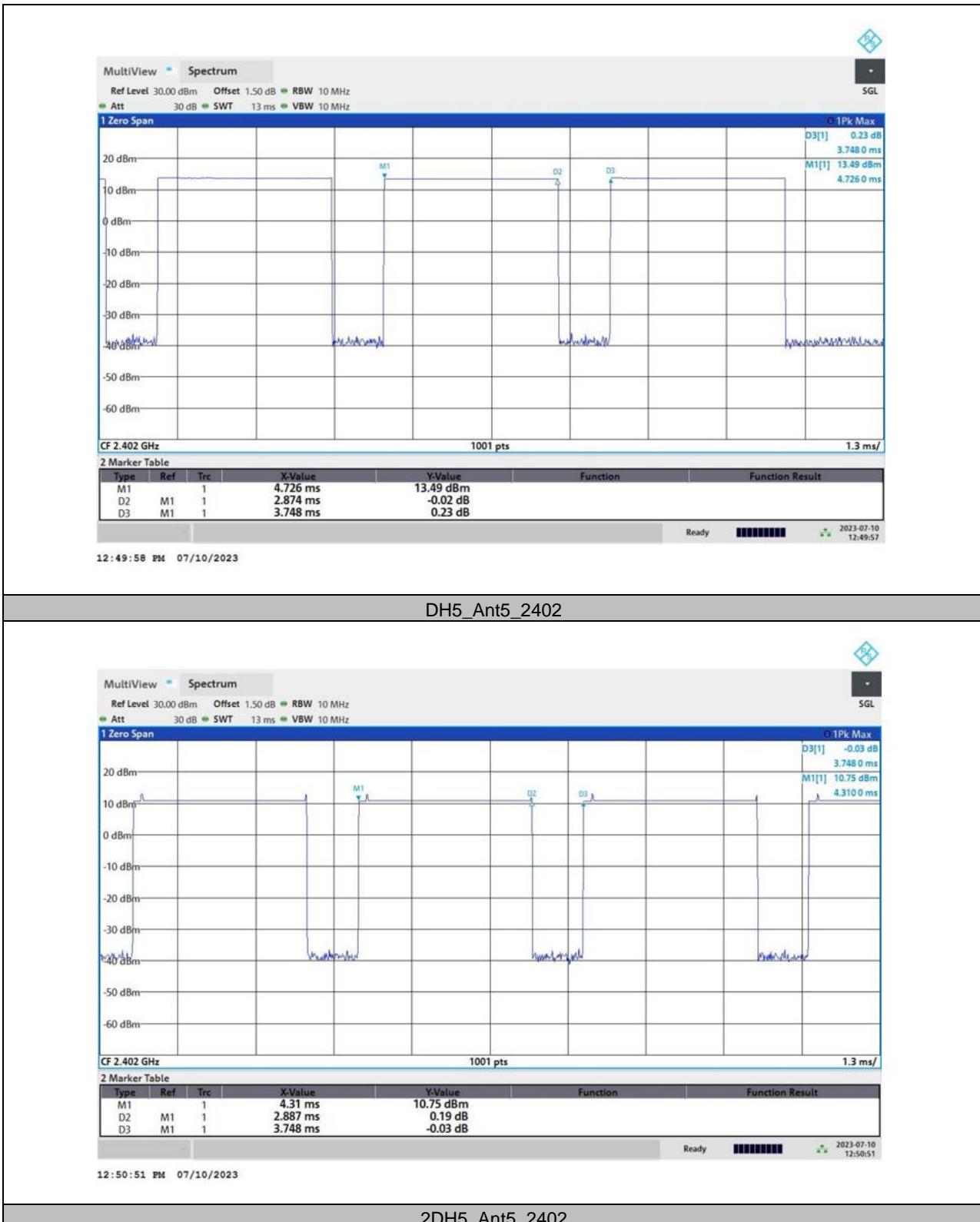
DUTY CYCLE TEST RESULT

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant5	2441	2.8740	3.7480	0.7668	76.68	1.15	---	PASS
2DH5	Ant5	2441	2.8870	3.7480	0.7703	77.03	1.13	---	PASS
3DH5	Ant5	2441	2.8850	3.7475	0.7698	76.98	1.14	---	PASS



Reference No.: PSU-QSU2312140113RF09

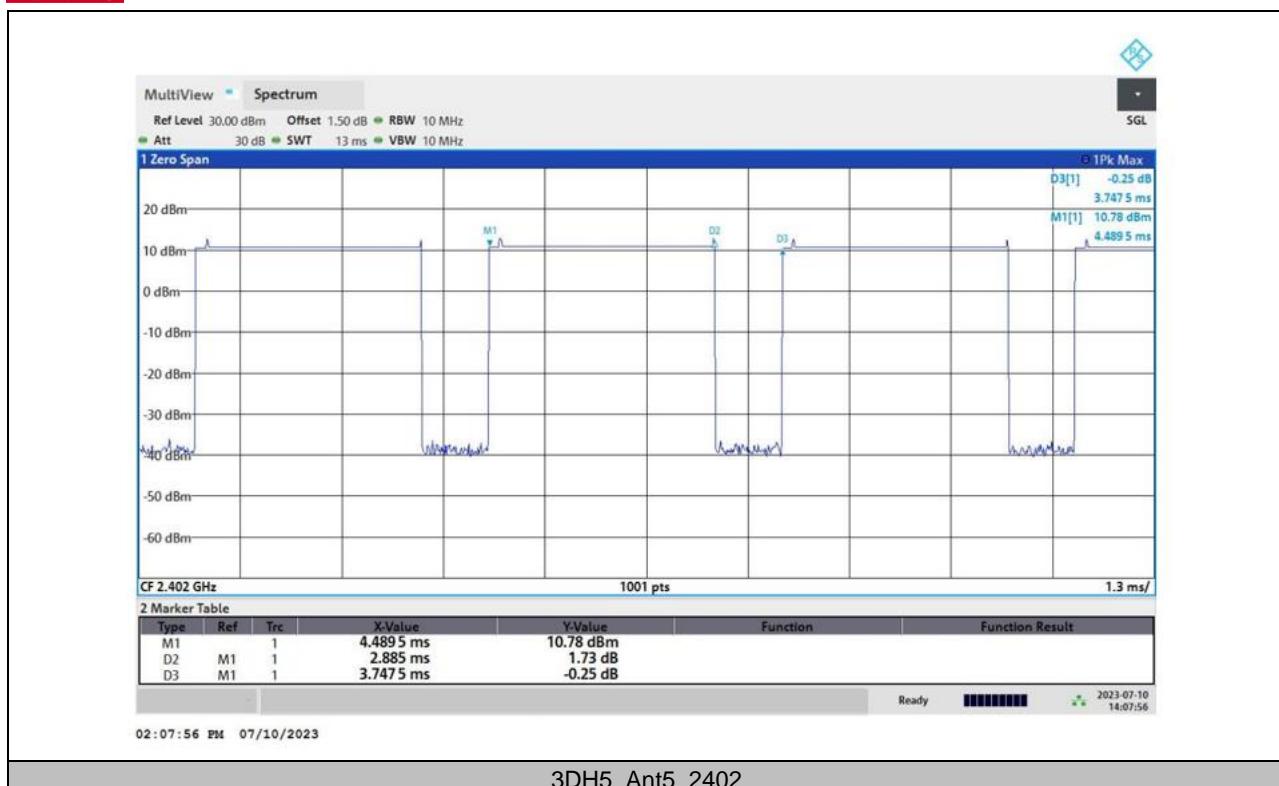
TEST GRAPHS





BUREAU
VERITAS

Reference No.: PSU-QSU2312140113RF09



--END--