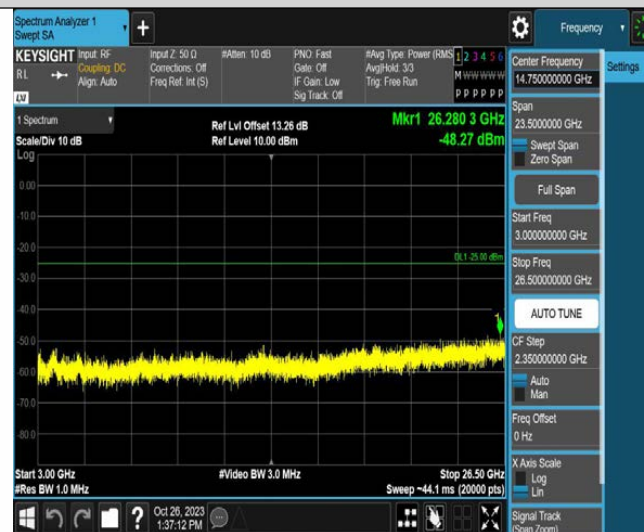




Band41-15MHz-QPSK-41515-75RB#0-Range2:1000~3000MHz



Band41-15MHz-QPSK-41515-75RB#0-Range3:3000~26500MHz



Band41-15MHz-16QAM-39725-75RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-39725-75RB#0-Range2:1000~3000MHz



Band41-15MHz-16QAM-39725-75RB#0-Range3:3000~26500MHz



Band41-15MHz-16QAM-40620-75RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-40620-75RB#0-Range2:1000~3000MHz



Band41-15MHz-16QAM-40620-75RB#0-Range3:3000~26500MHz



Band41-15MHz-16QAM-41515-75RB#0-Range1:30~1000MHz



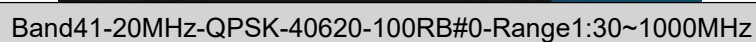
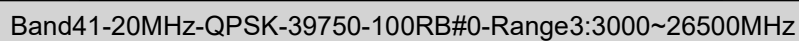
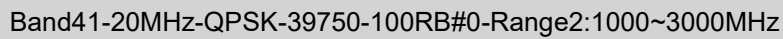
Band41-15MHz-16QAM-41515-75RB#0-Range2:1000~3000MHz



Band41-15MHz-16QAM-41515-75RB#0-Range3:3000~26500MHz



Band41-20MHz-QPSK-39750-100RB#0-Range1:30~1000MHz





Band41-20MHz-QPSK-40620-100RB#0-Range2:1000~3000MHz



Band41-20MHz-QPSK-40620-100RB#0-Range3:3000~26500MHz



Band41-20MHz-QPSK-41490-100RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-41490-100RB#0-Range2:1000~3000MHz



Band41-20MHz-QPSK-41490-100RB#0-Range3:3000~26500MHz



Band41-20MHz-16QAM-39750-100RB#0-Range1:30~1000MHz



Band41-20MHz-16QAM-39750-100RB#0-Range2:1000~3000MHz



Band41-20MHz-16QAM-39750-100RB#0-Range3:3000~26500MHz



Band41-20MHz-16QAM-40620-100RB#0-Range1:30~1000MHz



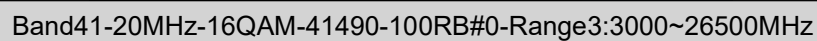
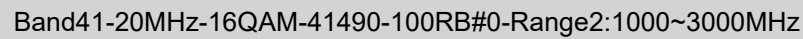
Band41-20MHz-16QAM-40620-100RB#0-Range2:1000~3000MHz



Band41-20MHz-16QAM-40620-100RB#0-Range3:3000~26500MHz



Band41-20MHz-16QAM-41490-100RB#0-Range1:30~1000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	VL	NT	12.03	0.004815	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VN	NT	11.69	0.004679	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	VH	NT	-9.78	-0.003914	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VL	NT	7.77	0.002997	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VN	NT	6.18	0.002383	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	VH	NT	11.96	0.004612	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VL	NT	14.76	0.005492	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VN	NT	5.51	0.002050	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	VH	NT	8.20	0.003051	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VL	NT	12.50	0.005003	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VN	NT	7.77	0.003110	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	VH	NT	4.86	0.001945	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VL	NT	14.10	0.005438	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VN	NT	13.40	0.005168	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	VH	NT	8.60	0.003317	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VL	NT	-10.73	-0.003993	±2.5	PASS

Band41	5MHz	16QAM	41565	25RB#0	VN	NT	14.39	0.00535 4	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	VH	NT	10.73	0.00399 3	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VL	NT	-15.96	-0.0063 81	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VN	NT	-16.88	-0.0067 49	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	VH	NT	-5.89	-0.0023 55	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VL	NT	11.63	0.00448 5	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VN	NT	10.97	0.00423 1	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	VH	NT	14.58	0.00562 3	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VL	NT	-15.62	-0.0058 18	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VN	NT	-11.04	-0.00411 2	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	VH	NT	-10.56	-0.0039 33	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VL	NT	-8.31	-0.0033 23	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VN	NT	-16.64	-0.0066 53	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	VH	NT	-13.28	-0.0053 10	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VL	NT	15.55	0.00599 7	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VN	NT	12.60	0.00485 9	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	VH	NT	9.21	0.00355 2	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VL	NT	-12.27	-0.0045 70	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	VN	NT	-16.24	-0.0060	±2.5	PASS

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Band41	10MHz	16QAM	41540	50RB#0	VH	NT	-14.06	-0.0052 36	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VL	NT	-7.37	-0.0029 44	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VN	NT	-11.80	-0.0047 13	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	VH	NT	-13.05	-0.0052 13	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VL	NT	20.51	0.00791 0	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VN	NT	4.88	0.00188 2	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	VH	NT	4.29	0.00165 4	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VL	NT	-17.67	-0.0065 87	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VN	NT	-20.23	-0.0075 41	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	VH	NT	-22.95	-0.0085 55	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VL	NT	9.80	0.00391 5	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VN	NT	2.85	0.00113 8	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	VH	NT	-8.27	-0.0033 03	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VL	NT	12.89	0.00497 1	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VN	NT	9.98	0.00384 9	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	VH	NT	-9.46	-0.0036 48	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VL	NT	-7.02	-0.0026 17	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	VN	NT	-14.39	-0.0053 64	±2.5	PASS

Band41	15MHz	16QAM	41515	75RB#0	VH	NT	-14.63	-0.0054 54	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	2.88	0.00114 9	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	9.07	0.00361 9	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-3.48	-0.0013 89	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	13.28	0.00512 1	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	4.98	0.00192 1	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	12.10	0.00466 6	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	7.42	0.00276 9	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-4.66	-0.0017 39	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-5.36	-0.0020 00	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-3.55	-0.0014 17	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-4.11	-0.0016 40	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	3.50	0.00139 7	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	15.31	0.00590 4	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	8.61	0.00332 0	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	6.85	0.00264 2	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	14.62	0.00545 5	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	12.65	0.00472 0	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-10.90	-0.0040	±2.5	PASS

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Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	NV	-30	11.56	0.004627	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-20	7.32	0.002930	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	-10	-7.18	-0.002874	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	0	16.95	0.006784	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	10	19.47	0.007793	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	20	3.62	0.001449	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	30	5.65	0.002261	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	40	10.53	0.004215	±2.5	PASS
Band41	5MHz	QPSK	39675	25RB#0	NV	50	12.97	0.005191	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-30	-5.31	-0.002048	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-20	-4.89	-0.001886	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	-10	4.19	0.001616	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	0	12.49	0.004817	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	10	-4.63	-0.001786	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	20	14.41	0.005557	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	30	-7.10	-0.002738	±2.5	PASS

Band41	5MHz	QPSK	40620	25RB#0	NV	40	-6.47	-0.0024 95	±2.5	PASS
Band41	5MHz	QPSK	40620	25RB#0	NV	50	6.78	0.00261 5	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-30	15.91	0.00592 0	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-20	7.28	0.00270 9	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	-10	12.22	0.00454 7	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	0	4.05	0.00150 7	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	10	7.12	0.00264 9	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	20	-9.11	-0.0033 90	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	30	-8.64	-0.0032 15	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	40	-7.22	-0.0026 87	±2.5	PASS
Band41	5MHz	QPSK	41565	25RB#0	NV	50	13.85	0.00515 3	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-30	10.10	0.00404 2	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-20	11.22	0.00449 1	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	-10	-3.81	-0.0015 25	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	0	4.76	0.00190 5	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	10	10.81	0.00432 7	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	20	11.13	0.00445 5	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	30	14.53	0.00581 5	±2.5	PASS
Band41	5MHz	16QAM	39675	25RB#0	NV	40	14.58	0.00583	±2.5	PASS

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Band41	5MHz	16QAM	39675	25RB#0	NV	50	4.55	0.00182 1	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-30	5.76	0.00222 1	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-20	5.49	0.00211 7	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	-10	-4.63	-0.0017 86	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	0	-5.75	-0.0022 18	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	10	-7.68	-0.0029 62	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	20	14.65	0.00565 0	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	30	18.31	0.00706 1	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	40	15.89	0.00612 8	±2.5	PASS
Band41	5MHz	16QAM	40620	25RB#0	NV	50	16.88	0.00651 0	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-30	-10.00	-0.0037 21	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-20	-6.90	-0.0025 67	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	-10	2.90	0.00107 9	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	0	9.83	0.00365 8	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	10	10.06	0.00374 3	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	20	12.10	0.00450 2	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	30	-8.57	-0.0031 89	±2.5	PASS
Band41	5MHz	16QAM	41565	25RB#0	NV	40	8.17	0.00304 0	±2.5	PASS

Band41	5MHz	16QAM	41565	25RB#0	NV	50	11.12	0.00413 8	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-30	-17.65	-0.0070 57	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-20	-8.15	-0.0032 59	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	-10	-10.54	-0.0042 14	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	0	-17.11	-0.0068 41	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	10	-7.01	-0.0028 03	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	20	-20.50	-0.0081 97	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	30	-11.84	-0.0047 34	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	40	-8.90	-0.0035 59	±2.5	PASS
Band41	10MHz	QPSK	39700	50RB#0	NV	50	-12.77	-0.0051 06	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-30	13.80	0.00532 2	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-20	10.89	0.00420 0	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	-10	6.39	0.00246 4	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	0	9.24	0.00356 3	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	10	7.62	0.00293 9	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	20	12.35	0.00476 3	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	30	11.69	0.00450 8	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	40	15.26	0.00588 5	±2.5	PASS
Band41	10MHz	QPSK	40620	50RB#0	NV	50	11.59	0.00447	±2.5	PASS

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Band41	10MHz	QPSK	41540	50RB#0	NV	-30	-7.97	-0.0029 68	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-20	4.09	0.00152 3	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	-10	-18.51	-0.0068 94	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	0	-11.86	-0.0044 17	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	10	4.53	0.00168 7	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	20	-14.19	-0.0052 85	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	30	-9.50	-0.0035 38	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	40	3.53	0.00131 5	±2.5	PASS
Band41	10MHz	QPSK	41540	50RB#0	NV	50	-5.94	-0.0022 12	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-30	-8.04	-0.0032 15	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-20	-15.16	-0.0060 62	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	-10	-8.24	-0.0032 95	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	0	-19.30	-0.0077 17	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	10	-5.79	-0.0023 15	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	20	-12.82	-0.0051 26	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	30	-18.10	-0.0072 37	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	40	-13.03	-0.0052 10	±2.5	PASS
Band41	10MHz	16QAM	39700	50RB#0	NV	50	-19.03	-0.0076 09	±2.5	PASS

Band41	10MHz	16QAM	40620	50RB#0	NV	-30	13.78	0.00531 4	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-20	-2.90	-0.00111 8	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	-10	11.80	0.00455 1	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	0	12.07	0.00465 5	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	10	-7.94	-0.0030 62	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	20	13.88	0.00535 3	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	30	5.64	0.00217 5	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	40	14.31	0.00551 9	±2.5	PASS
Band41	10MHz	16QAM	40620	50RB#0	NV	50	8.58	0.00330 9	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-30	-16.02	-0.0059 66	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-20	5.71	0.00212 7	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	-10	6.62	0.00246 6	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	0	-6.49	-0.0024 17	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	10	-7.44	-0.0027 71	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	20	-13.58	-0.0050 58	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	30	-13.63	-0.0050 76	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	40	-14.73	-0.0054 86	±2.5	PASS
Band41	10MHz	16QAM	41540	50RB#0	NV	50	-16.34	-0.0060 86	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-30	-15.82	-0.0063	±2.5	PASS

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Band41	15MHz	QPSK	39725	75RB#0	NV	-20	-13.05	-0.0052 13	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	-10	-14.58	-0.0058 24	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	0	5.55	0.00221 7	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	10	-5.87	-0.0023 45	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	20	-8.53	-0.0034 07	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	30	-12.27	-0.0049 01	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	40	-4.03	-0.0016 10	±2.5	PASS
Band41	15MHz	QPSK	39725	75RB#0	NV	50	-11.72	-0.0046 81	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-30	-4.75	-0.0018 32	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-20	15.25	0.00588 1	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	-10	-6.78	-0.0026 15	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	0	-7.18	-0.0027 69	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	10	4.66	0.00179 7	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	20	5.99	0.00231 0	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	30	11.20	0.00431 9	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	40	10.41	0.00401 5	±2.5	PASS
Band41	15MHz	QPSK	40620	75RB#0	NV	50	10.33	0.00398 4	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-30	-19.68	-0.0073 36	±2.5	PASS

Band41	15MHz	QPSK	41515	75RB#0	NV	-20	-14.32	-0.0053 38	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	-10	-19.01	-0.0070 87	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	0	-21.26	-0.0079 25	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	10	-23.19	-0.0086 45	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	20	-4.81	-0.0017 93	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	30	-23.30	-0.0086 86	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	40	-23.39	-0.0087 19	±2.5	PASS
Band41	15MHz	QPSK	41515	75RB#0	NV	50	-10.99	-0.0040 97	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-30	3.46	0.00138 2	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-20	-10.61	-0.0042 38	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	-10	-13.22	-0.0052 81	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	0	5.87	0.00234 5	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	10	-13.78	-0.0055 04	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	20	8.50	0.00339 5	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	30	3.88	0.00155 0	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	40	-8.61	-0.0034 39	±2.5	PASS
Band41	15MHz	16QAM	39725	75RB#0	NV	50	-7.24	-0.0028 92	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-30	7.70	0.00297 0	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	-20	13.48	0.00519	±2.5	PASS

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Band41	15MHz	16QAM	40620	75RB#0	NV	-10	-2.86	-0.00110 3	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	0	7.24	0.00279 2	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	10	8.58	0.00330 9	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	20	19.66	0.00758 2	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	30	-3.28	-0.0012 65	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	40	11.16	0.00430 4	±2.5	PASS
Band41	15MHz	16QAM	40620	75RB#0	NV	50	10.17	0.00392 2	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-30	-5.45	-0.0020 32	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-20	-9.56	-0.0035 64	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	-10	-13.73	-0.00511 8	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	0	-20.91	-0.0077 95	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	10	-21.87	-0.0081 53	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	20	-16.08	-0.0059 94	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	30	-22.07	-0.0082 27	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	40	-4.62	-0.0017 22	±2.5	PASS
Band41	15MHz	16QAM	41515	75RB#0	NV	50	-11.12	-0.0041 45	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	14.20	0.00566 6	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-7.20	-0.0028 73	±2.5	PASS

Band41	20MHz	QPSK	39750	100RB#0	NV	-10	9.01	0.00359 5	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	11.14	0.00444 5	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	11.39	0.00454 5	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	12.43	0.00496 0	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	8.61	0.00343 6	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	14.31	0.00571 0	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-6.28	-0.0025 06	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	3.56	0.00137 3	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	8.03	0.00309 7	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	8.03	0.00309 7	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	5.01	0.00193 2	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	5.01	0.00193 2	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	9.93	0.00383 0	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	14.82	0.00571 5	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	12.49	0.00481 7	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	7.70	0.00297 0	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	13.16	0.00491 0	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	10.21	0.00381 0	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	10.79	0.00402	±2.5	PASS

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Band41	20MHz	QPSK	41490	100RB#0	NV	0	-7.01	-0.0026 16	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	11.86	0.00442 5	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-5.71	-0.0021 31	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	7.77	0.00289 9	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-10.83	-0.0040 41	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	11.63	0.00434 0	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-8.40	-0.0033 52	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	12.42	0.00495 6	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	4.41	0.00176 0	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-6.08	-0.0024 26	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-5.85	-0.0023 34	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	9.40	0.00375 1	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	6.74	0.00269 0	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-8.00	-0.0031 92	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-5.09	-0.0020 31	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	11.49	0.00443 1	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-6.59	-0.0025 41	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	10.90	0.00420 4	±2.5	PASS

Band41	20MHz	16QAM	40620	100RB#0	NV	0	15.23	0.00587 4	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-4.16	-0.0016 04	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	8.96	0.00345 5	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	12.25	0.00472 4	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	13.22	0.00509 8	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	10.81	0.00416 9	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	12.86	0.00479 9	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	11.43	0.00426 5	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	-13.09	-0.0048 84	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	16.65	0.00621 3	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	10.96	0.00409 0	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	13.78	0.00514 2	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	16.79	0.00626 5	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	15.05	0.00561 6	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	12.10	0.00451 5	±2.5	PASS

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	64QAM	39675	1RB#0	21.74	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.69	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.58	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.74	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.86	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.65	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.67	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.96	PASS
Band41	5MHz	64QAM	40620	1RB#12	22.03	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.95	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.10	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.99	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.98	PASS
Band41	5MHz	64QAM	41565	1RB#0	22.12	PASS
Band41	5MHz	64QAM	41565	1RB#12	22.14	PASS
Band41	5MHz	64QAM	41565	1RB#24	22.02	PASS
Band41	5MHz	64QAM	41565	12RB#0	21.14	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.95	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.97	PASS
Band41	5MHz	64QAM	41565	25RB#0	21.07	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.91	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.81	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.91	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.95	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.95	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.87	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.90	PASS
Band41	10MHz	64QAM	40620	1RB#0	22.07	PASS
Band41	10MHz	64QAM	40620	1RB#24	22.02	PASS
Band41	10MHz	64QAM	40620	1RB#49	22.05	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.14	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.06	PASS

Band41	10MHz	64QAM	40620	25RB#25	21.06	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.02	PASS
Band41	10MHz	64QAM	41540	1RB#0	22.06	PASS
Band41	10MHz	64QAM	41540	1RB#24	22.05	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.93	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.07	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.07	PASS
Band41	10MHz	64QAM	41540	25RB#25	20.98	PASS
Band41	10MHz	64QAM	41540	50RB#0	21.01	PASS
Band41	15MHz	64QAM	39725	1RB#0	22.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.76	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.81	PASS
Band41	15MHz	64QAM	39725	38RB#0	20.73	PASS
Band41	15MHz	64QAM	39725	38RB#18	20.77	PASS
Band41	15MHz	64QAM	39725	38RB#37	20.78	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.80	PASS
Band41	15MHz	64QAM	40620	1RB#0	22.34	PASS
Band41	15MHz	64QAM	40620	1RB#38	22.14	PASS
Band41	15MHz	64QAM	40620	1RB#74	22.12	PASS
Band41	15MHz	64QAM	40620	38RB#0	21.08	PASS
Band41	15MHz	64QAM	40620	38RB#18	21.07	PASS
Band41	15MHz	64QAM	40620	38RB#37	21.05	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.10	PASS
Band41	15MHz	64QAM	41515	1RB#0	22.10	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.86	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.90	PASS
Band41	15MHz	64QAM	41515	38RB#0	20.94	PASS
Band41	15MHz	64QAM	41515	38RB#18	20.94	PASS
Band41	15MHz	64QAM	41515	38RB#37	20.94	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.86	PASS
Band41	20MHz	64QAM	39750	1RB#0	22.09	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.98	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.97	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.11	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.97	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.93	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.05	PASS

Band41	20MHz	64QAM	40620	1RB#0	22.38	PASS
Band41	20MHz	64QAM	40620	1RB#49	22.09	PASS
Band41	20MHz	64QAM	40620	1RB#99	22.08	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.13	PASS
Band41	20MHz	64QAM	40620	50RB#25	21.14	PASS
Band41	20MHz	64QAM	40620	50RB#50	21.13	PASS
Band41	20MHz	64QAM	40620	100RB#0	21.07	PASS
Band41	20MHz	64QAM	41490	1RB#0	22.16	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.94	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.91	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.05	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.98	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.82	PASS
Band41	20MHz	64QAM	41490	100RB#0	21.03	PASS

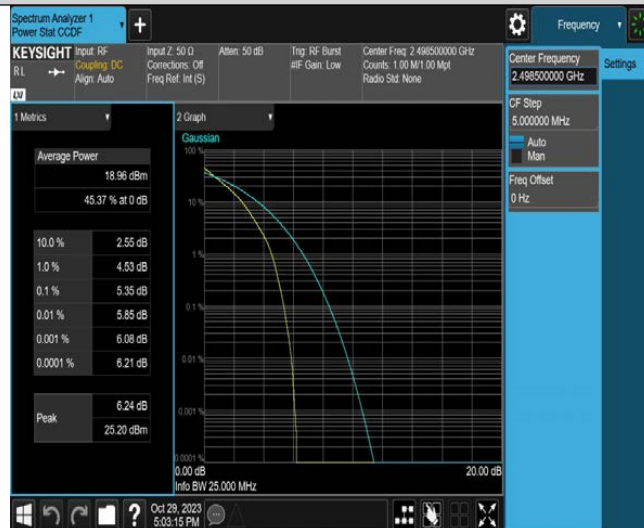
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	5.35	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	5.62	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	5.53	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	5.15	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	5.41	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	5.09	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	5.42	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	5.59	13	PASS
Band41	15MHz	64QAM	41515	75RB#0	5.33	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	5.22	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	5.34	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	5.27	13	PASS

Test Graphs

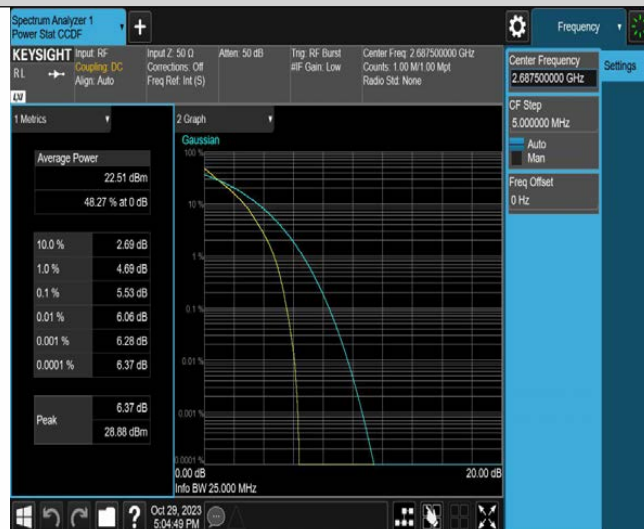
Band41-5MHz-64QAM-39675-25RB#0



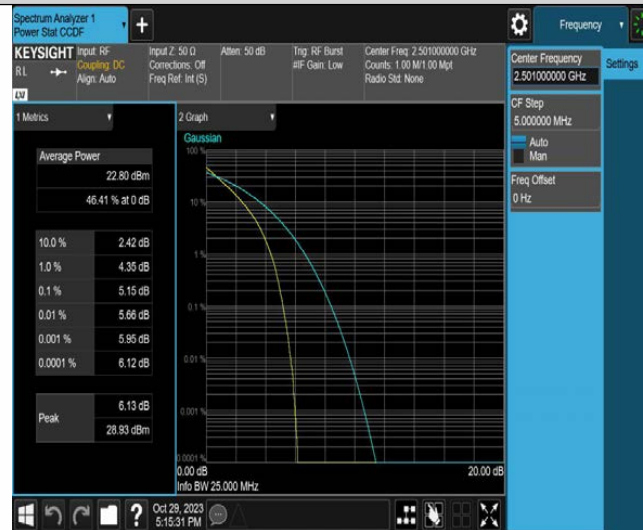
Band41-5MHz-64QAM-40620-25RB#0



Band41-5MHz-64QAM-41565-25RB#0



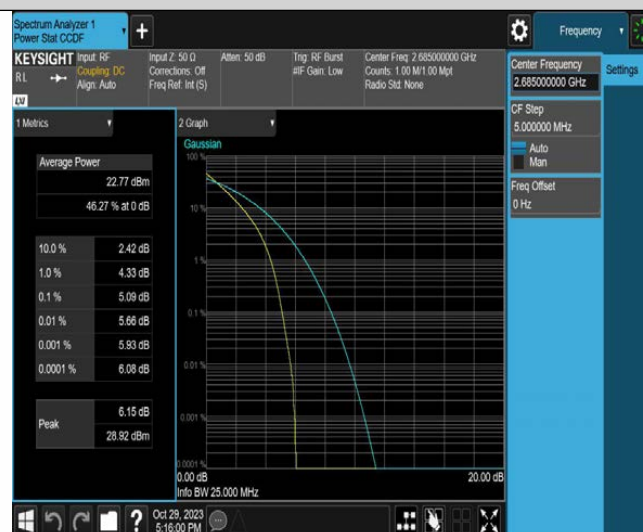
Band41-10MHz-64QAM-39700-50RB#0



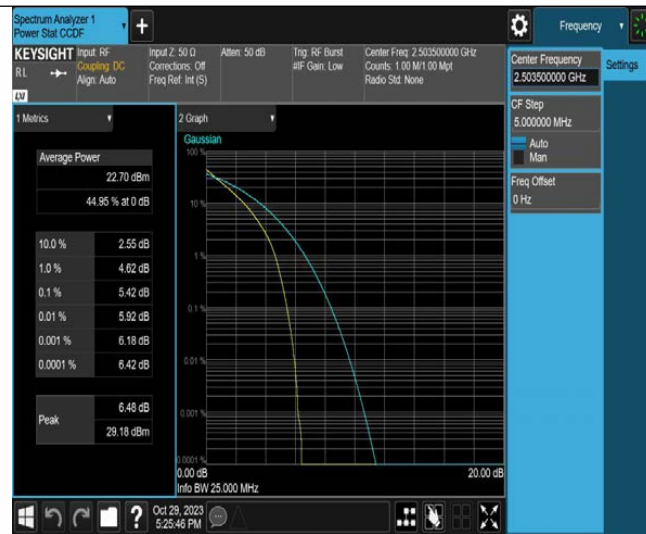
Band41-10MHz-64QAM-40620-50RB#0



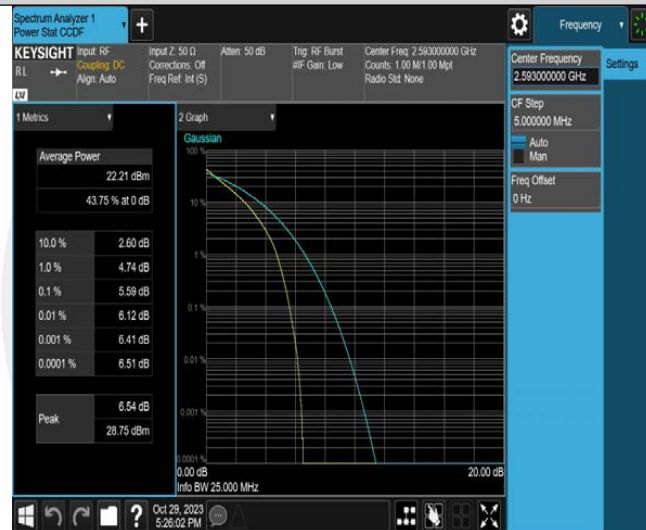
Band41-10MHz-64QAM-41540-50RB#0



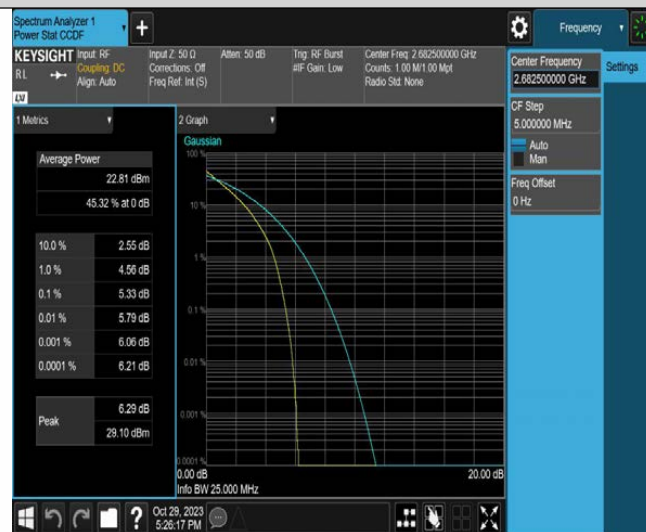
Band41-15MHz-64QAM-39725-75RB#0



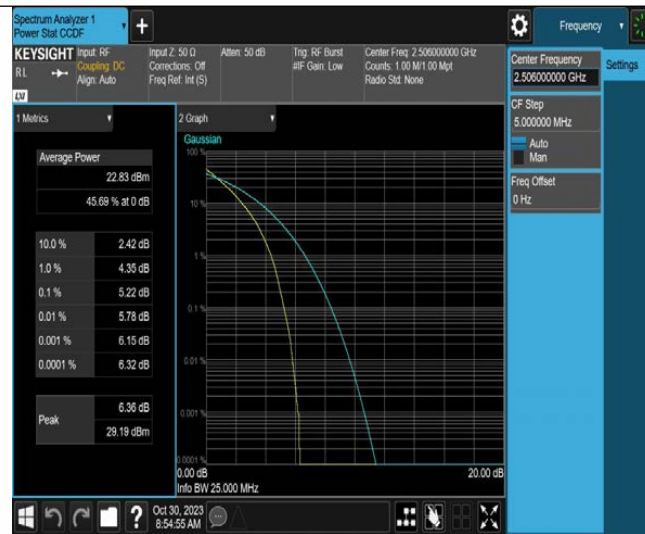
Band41-15MHz-64QAM-40620-75RB#0



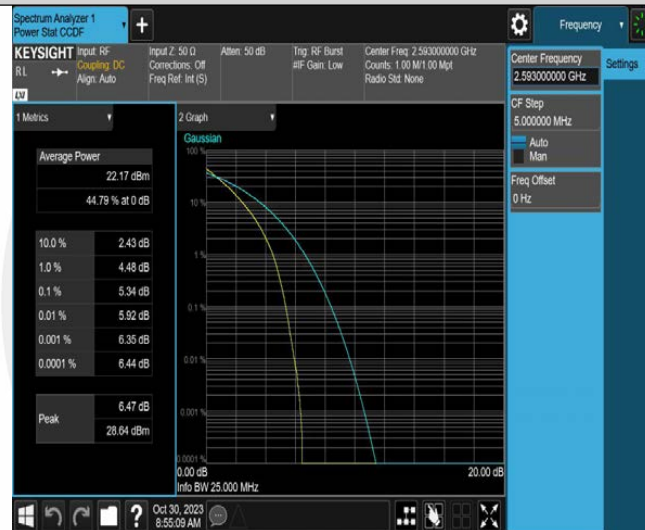
Band41-15MHz-64QAM-41515-75RB#0



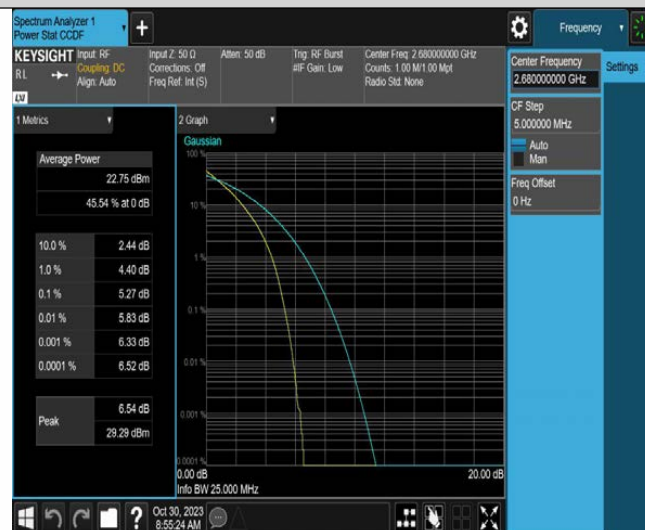
Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

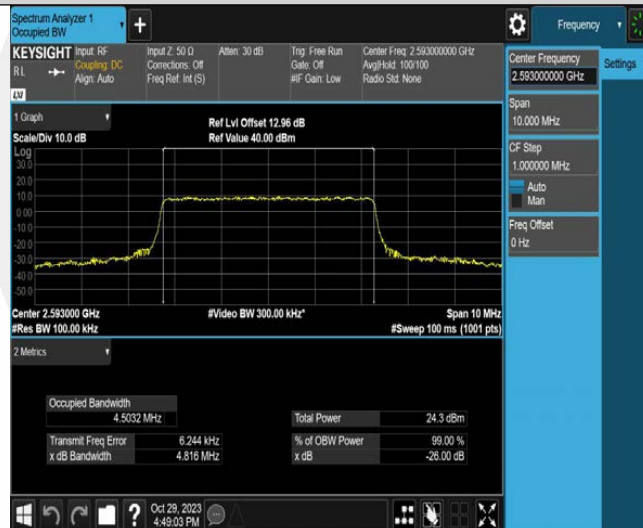
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	4.4944	4.869	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5032	4.816	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.5020	4.793	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9617	9.510	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9890	9.476	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9606	9.524	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.455	14.26	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.450	14.25	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.437	14.23	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.912	18.93	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.913	18.94	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.894	18.92	PASS

Test Graphs

Band41-5MHz-64QAM-39675-25RB#0



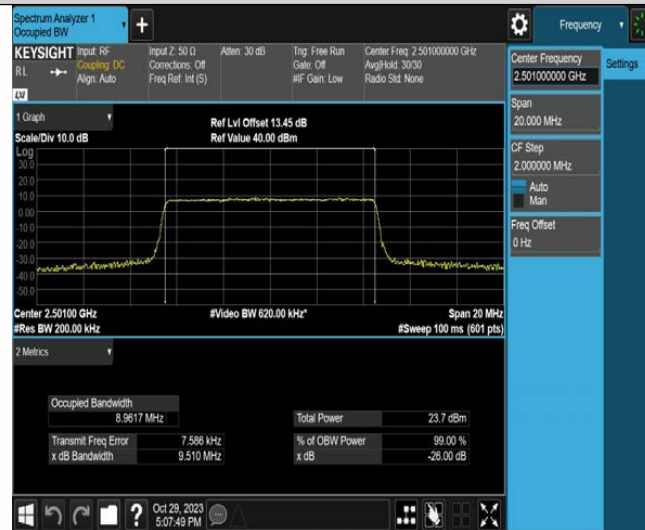
Band41-5MHz-64QAM-40620-25RB#0



Band41-5MHz-64QAM-41565-25RB#0



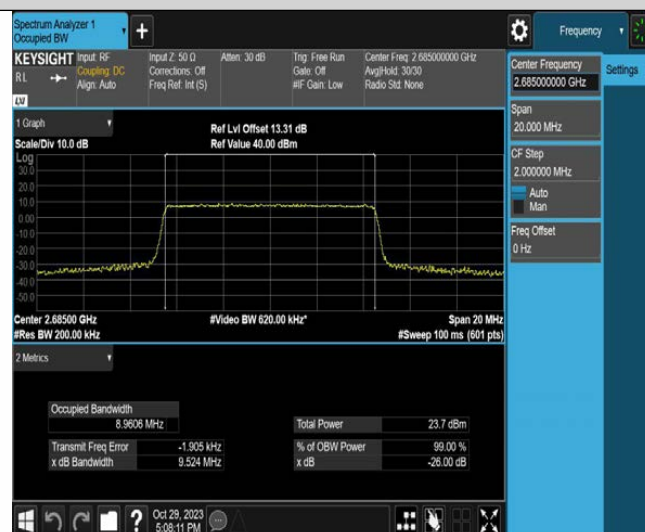
Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-40620-50RB#0



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-64QAM-39725-75RB#0



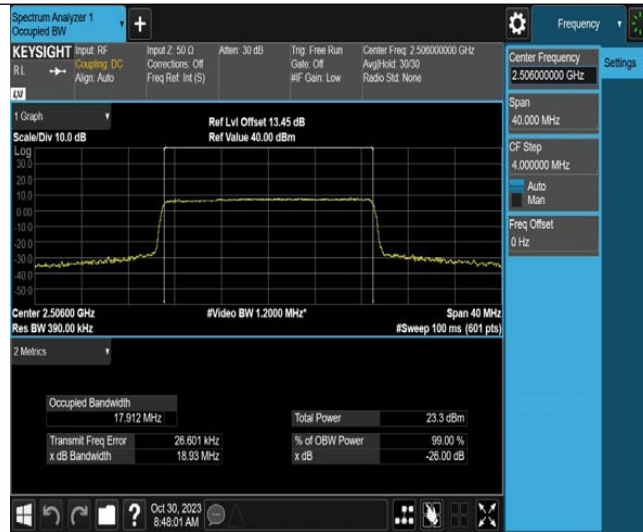
Band41-15MHz-64QAM-40620-75RB#0



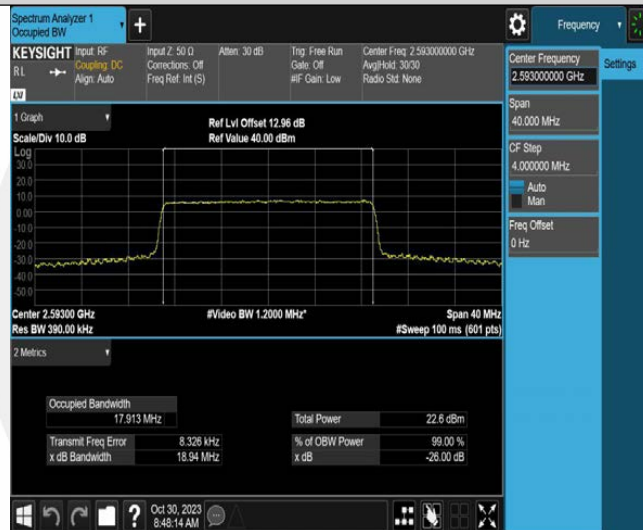
Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	-46.59,-39.86,-29.28	PASS
Band41	5MHz	64QAM	41565	25RB#0	-31.51,-37.88,-45.17,-45.80	PASS
Band41	10MHz	64QAM	39700	50RB#0	-45.98,-38.50,-35.87	PASS
Band41	10MHz	64QAM	41540	50RB#0	-34.41,-37.85,-40.52,-45.89	PASS
Band41	15MHz	64QAM	39725	75RB#0	-45.25,-38.59,-34.82	PASS
Band41	15MHz	64QAM	41515	75RB#0	-34.56,-37.16,-40.01,-44.62	PASS
Band41	20MHz	64QAM	39750	100RB#0	-48.75,-35.49,-34.87	PASS
Band41	20MHz	64QAM	41490	100RB#0	-32.20,-34.45,-36.74,-45.03	PASS



Test Graphs

Band41-5MHz-64QAM-39675-25RB#0



Band41-5MHz-64QAM-41565-25RB#0



Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	Range1:30~1000MHz	-67	PASS
Band41	5MHz	64QAM	39675	25RB#0	Range2:1000~3000MHz	-38.2	PASS
Band41	5MHz	64QAM	39675	25RB#0	Range3:3000~26500MHz	-47.51	PASS
Band41	5MHz	64QAM	40620	25RB#0	Range1:30~1000MHz	-67.21	PASS
Band41	5MHz	64QAM	40620	25RB#0	Range2:1000~3000MHz	-39.46	PASS
Band41	5MHz	64QAM	40620	25RB#0	Range3:3000~26500MHz	-48.31	PASS
Band41	5MHz	64QAM	41565	25RB#0	Range1:30~1000MHz	-65.36	PASS
Band41	5MHz	64QAM	41565	25RB#0	Range2:1000~3000MHz	-39.55	PASS
Band41	5MHz	64QAM	41565	25RB#0	Range3:3000~26500MHz	-47.88	PASS
Band41	10MHz	64QAM	39700	50RB#0	Range1:30~1000MHz	-66.06	PASS
Band41	10MHz	64QAM	39700	50RB#0	Range2:1000~3000MHz	-38.19	PASS
Band41	10MHz	64QAM	39700	50RB#0	Range3:3000~26500MHz	-47.58	PASS
Band41	10MHz	64QAM	40620	50RB#0	Range1:30~1000MHz	-50.24	PASS
Band41	10MHz	64QAM	40620	50RB#0	Range2:1000~3000MHz	-39.85	PASS
Band41	10MHz	64QAM	40620	50RB#0	Range3:3000~26500MHz	-47.42	PASS
Band41	10MHz	64QAM	41540	50RB#0	Range1:30~1000MHz	-67.02	PASS
Band41	10MHz	64QAM	41540	50RB#0	Range2:1000~	-38.98	PASS

					3000MHz		
Band41	10MHz	64QAM	41540	50RB#0	Range3:3000~26500MHz	-47.53	PASS
Band41	15MHz	64QAM	39725	75RB#0	Range1:30~1000MHz	-66.44	PASS
Band41	15MHz	64QAM	39725	75RB#0	Range2:1000~3000MHz	-38.92	PASS
Band41	15MHz	64QAM	39725	75RB#0	Range3:3000~26500MHz	-48.19	PASS
Band41	15MHz	64QAM	40620	75RB#0	Range1:30~1000MHz	-52.51	PASS
Band41	15MHz	64QAM	40620	75RB#0	Range2:1000~3000MHz	-39.64	PASS
Band41	15MHz	64QAM	40620	75RB#0	Range3:3000~26500MHz	-48.62	PASS
Band41	15MHz	64QAM	41515	75RB#0	Range1:30~1000MHz	-56.82	PASS
Band41	15MHz	64QAM	41515	75RB#0	Range2:1000~3000MHz	-39.81	PASS
Band41	15MHz	64QAM	41515	75RB#0	Range3:3000~26500MHz	-47.67	PASS
Band41	20MHz	64QAM	39750	100RB#0	Range1:30~1000MHz	-66.63	PASS
Band41	20MHz	64QAM	39750	100RB#0	Range2:1000~3000MHz	-40.23	PASS
Band41	20MHz	64QAM	39750	100RB#0	Range3:3000~26500MHz	-49.37	PASS
Band41	20MHz	64QAM	40620	100RB#0	Range1:30~1000MHz	-52.01	PASS
Band41	20MHz	64QAM	40620	100RB#0	Range2:1000~3000MHz	-39.9	PASS
Band41	20MHz	64QAM	40620	100RB#0	Range3:3000~26500MHz	-49.07	PASS
Band41	20MHz	64QAM	41490	100RB#0	Range1:30~1000MHz	-66.88	PASS
Band41	20MHz	64QAM	41490	100RB#0	Range2:1000~3000MHz	-39.75	PASS

Band41	20MHz	64QAM	41490	100RB#0	Range3:3000~ 26500MHz	-49.04	PASS
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FCC PART 22/24/27/90/96

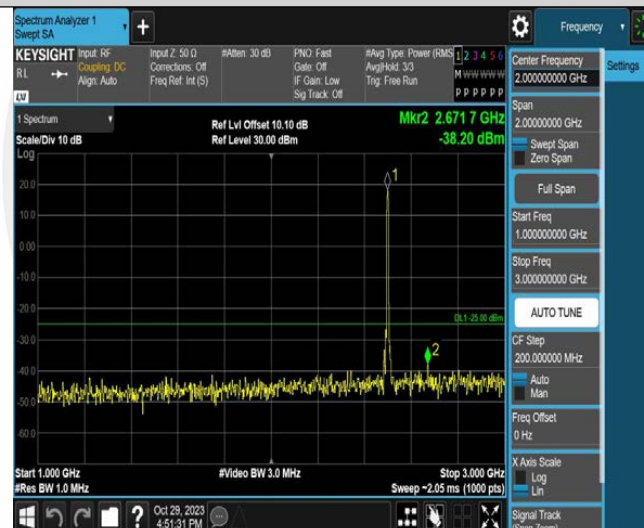
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Test Graphs

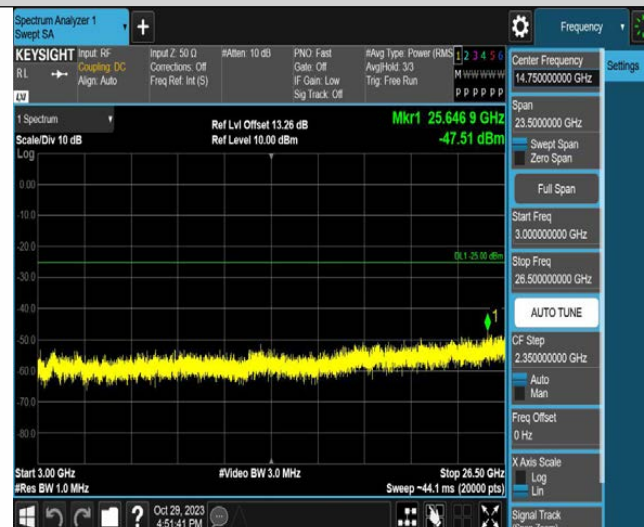
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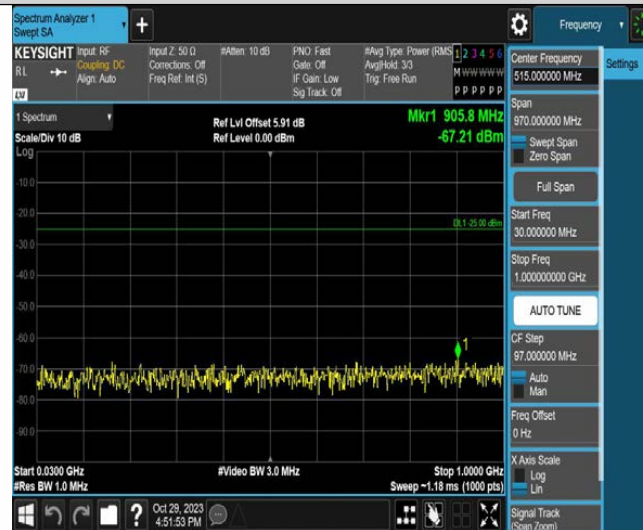
Band41-5MHz-64QAM-39675-25RB#0-Range2:1000~3000MHz



Band41-5MHz-64QAM-39675-25RB#0-Range3:3000~26500MHz



Band41-5MHz-64QAM-40620-25RB#0-Range1:30~1000MHz



Band41-5MHz-64QAM-40620-25RB#0-Range2:1000~3000MHz



Band41-5MHz-64QAM-40620-25RB#0-Range3:3000~26500MHz



Band41-5MHz-64QAM-41565-25RB#0-Range1:30~1000MHz



Band41-5MHz-64QAM-41565-25RB#0-Range2:1000~3000MHz



Band41-5MHz-64QAM-41565-25RB#0-Range3:3000~26500MHz



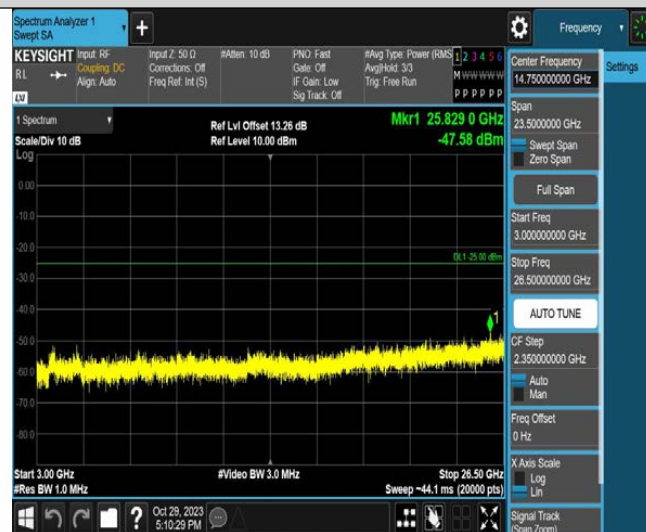
Band41-10MHz-64QAM-39700-50RB#0-Range1:30~1000MHz



Band41-10MHz-64QAM-39700-50RB#0-Range2:1000~3000MHz



Band41-10MHz-64QAM-39700-50RB#0-Range3:3000~26500MHz



Band41-10MHz-64QAM-40620-50RB#0-Range1:30~1000MHz



Band41-10MHz-64QAM-40620-50RB#0-Range2:1000~3000MHz



Band41-10MHz-64QAM-40620-50RB#0-Range3:3000~26500MHz



Band41-10MHz-64QAM-41540-50RB#0-Range1:30~1000MHz



Band41-10MHz-64QAM-41540-50RB#0-Range2:1000~3000MHz



Band41-10MHz-64QAM-41540-50RB#0-Range3:3000~26500MHz



Band41-15MHz-64QAM-39725-75RB#0-Range1:30~1000MHz



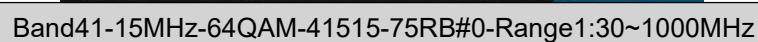
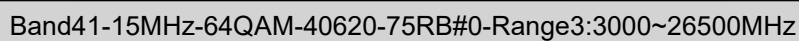
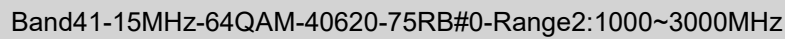
Band41-15MHz-64QAM-39725-75RB#0-Range2:1000~3000MHz



Band41-15MHz-64QAM-39725-75RB#0-Range3:3000~26500MHz



Band41-15MHz-64QAM-40620-75RB#0-Range1:30~1000MHz

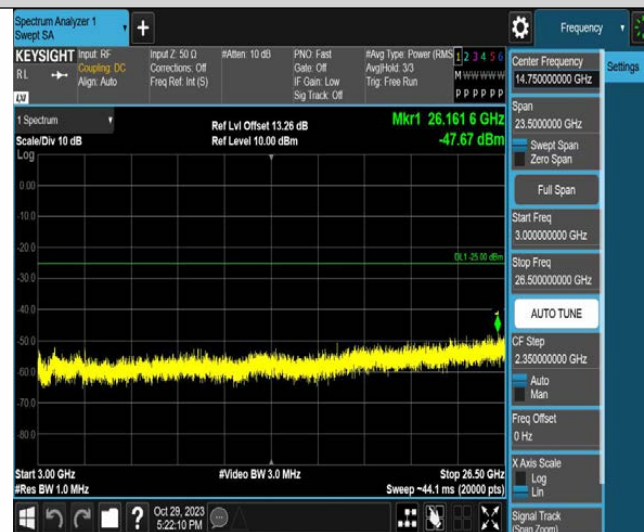




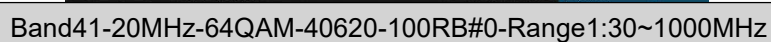
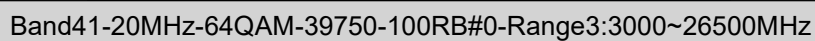
Band41-15MHz-64QAM-41515-75RB#0-Range2:1000~3000MHz



Band41-15MHz-64QAM-41515-75RB#0-Range3:3000~26500MHz



Band41-20MHz-64QAM-39750-100RB#0-Range1:30~1000MHz





Band41-20MHz-64QAM-40620-100RB#0-Range2:1000~3000MHz



Band41-20MHz-64QAM-40620-100RB#0-Range3:3000~26500MHz



Band41-20MHz-64QAM-41490-100RB#0-Range1:30~1000MHz



Band41-20MHz-64QAM-41490-100RB#0-Range2:1000~3000MHz



Band41-20MHz-64QAM-41490-100RB#0-Range3:3000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	VL	NT	8.70	0.00348 2	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	VN	NT	-6.71	-0.0026 86	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	VH	NT	14.06	0.00562 7	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	VL	NT	8.33	0.00321 2	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	VN	NT	-5.76	-0.0022 21	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	VH	NT	14.99	0.00578 1	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	VL	NT	15.21	0.00566 0	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	VN	NT	10.11	0.00376 2	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	VH	NT	12.33	0.00458 8	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	VL	NT	-11.37	-0.0045 46	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	VN	NT	-15.29	-0.00611 4	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	VH	NT	-14.43	-0.0057 70	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	VL	NT	12.47	0.00480 9	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	VN	NT	3.20	0.00123 4	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	VH	NT	4.85	0.00187 0	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	VL	NT	-7.54	-0.0028 08	±2.5	PASS

Band41	10MHz	64QAM	41540	50RB#0	VN	NT	-15.08	-0.0056 16	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	VH	NT	9.43	0.00351 2	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VL	NT	12.96	0.00517 7	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VN	NT	-11.20	-0.0044 74	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	VH	NT	-5.34	-0.0021 33	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VL	NT	15.39	0.00593 5	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VN	NT	12.36	0.00476 7	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	VH	NT	7.17	0.00276 5	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VL	NT	-15.81	-0.0058 94	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VN	NT	-18.37	-0.0068 48	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	VH	NT	-20.79	-0.0077 50	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	12.97	0.00517 6	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-12.02	-0.0047 96	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	13.46	0.00537 1	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	9.50	0.00366 4	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	11.93	0.00460 1	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	12.03	0.00463 9	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	-4.71	-0.0017 57	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	8.37	0.00312	±2.5	PASS

								3		
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	17.07	0.00636 9	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	5MHz	64QAM	39675	25RB#0	NV	-30	15.06	0.00602 8	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	-20	3.95	0.00158 1	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	-10	10.00	0.00400 2	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	0	-9.03	-0.0036 14	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	10	7.61	0.00304 6	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	20	14.66	0.00586 8	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	30	6.21	0.00248 5	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	40	10.59	0.00423 9	±2.5	PASS
Band41	5MHz	64QAM	39675	25RB#0	NV	50	7.68	0.00307 4	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-30	9.53	0.00367 5	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-20	9.14	0.00352 5	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	-10	-8.75	-0.0033 74	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	0	23.92	0.00922 5	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	10	6.31	0.00243 3	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	20	-9.66	-0.0037 25	±2.5	PASS

Band41	5MHz	64QAM	40620	25RB#0	NV	30	-13.39	-0.0051 64	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	40	-4.32	-0.0016 66	±2.5	PASS
Band41	5MHz	64QAM	40620	25RB#0	NV	50	13.32	0.00513 7	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-30	7.28	0.00270 9	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-20	14.31	0.00532 5	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	-10	13.90	0.00517 2	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	0	-10.67	-0.0039 70	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	10	-4.75	-0.0017 67	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	20	14.33	0.00533 2	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	30	8.94	0.00332 7	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	40	12.46	0.00463 6	±2.5	PASS
Band41	5MHz	64QAM	41565	25RB#0	NV	50	5.66	0.00210 6	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-30	-12.72	-0.0050 86	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-20	-8.00	-0.0031 99	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	-10	-17.21	-0.0068 81	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	0	-6.25	-0.0024 99	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	10	-17.14	-0.0068 53	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	20	-11.63	-0.0046 50	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	30	-10.34	-0.0041	±2.5	PASS

								34		
Band41	10MHz	64QAM	39700	50RB#0	NV	40	-23.83	-0.0095 28	±2.5	PASS
Band41	10MHz	64QAM	39700	50RB#0	NV	50	-20.93	-0.0083 69	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-30	7.67	0.00295 8	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-20	18.22	0.00702 7	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	-10	3.99	0.00153 9	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	0	18.63	0.00718 5	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	10	7.84	0.00302 4	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	20	-4.06	-0.0015 66	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	30	12.60	0.00485 9	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	40	-10.27	-0.0039 61	±2.5	PASS
Band41	10MHz	64QAM	40620	50RB#0	NV	50	8.60	0.00331 7	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-30	-12.70	-0.0047 30	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-20	5.19	0.00193 3	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	-10	-10.69	-0.0039 81	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	0	4.16	0.00154 9	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	10	-7.37	-0.0027 45	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	20	-3.12	-0.00116 2	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	30	-13.05	-0.0048 60	±2.5	PASS

Band41	10MHz	64QAM	41540	50RB#0	NV	40	-10.93	-0.0040 71	±2.5	PASS
Band41	10MHz	64QAM	41540	50RB#0	NV	50	8.85	0.00329 6	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-30	10.34	0.00413 0	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-20	7.01	0.00280 0	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	-10	3.85	0.00153 8	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	0	-10.67	-0.0042 62	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	10	-11.37	-0.0045 42	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	20	-15.38	-0.0061 43	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	30	-3.93	-0.0015 70	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	40	-11.23	-0.0044 86	±2.5	PASS
Band41	15MHz	64QAM	39725	75RB#0	NV	50	6.90	0.00275 6	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-30	-7.61	-0.0029 35	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-20	11.92	0.00459 7	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	-10	16.12	0.00621 7	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	0	7.51	0.00289 6	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	10	18.11	0.00698 4	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	20	7.70	0.00297 0	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	30	-5.95	-0.0022 95	±2.5	PASS
Band41	15MHz	64QAM	40620	75RB#0	NV	40	-5.95	-0.0022	±2.5	PASS

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Band41	15MHz	64QAM	40620	75RB#0	NV	50	13.48	0.00519 9	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-30	-7.81	-0.00291 1	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-20	-22.97	-0.0085 63	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	-10	-7.90	-0.0029 45	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	0	-12.97	-0.0048 35	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	10	-14.43	-0.0053 79	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	20	-22.75	-0.0084 81	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	30	-17.77	-0.0066 24	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	40	-14.16	-0.0052 79	±2.5	PASS
Band41	15MHz	64QAM	41515	75RB#0	NV	50	-20.77	-0.0077 43	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	-4.91	-0.0019 59	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	-4.63	-0.0018 48	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	13.98	0.00557 9	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	11.49	0.00458 5	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	10.21	0.00407 4	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	4.01	0.00160 0	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	3.25	0.00129 7	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	4.53	0.00180 8	±2.5	PASS

Band41	20MHz	64QAM	39750	100RB#0	NV	50	4.84	0.00193 1	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	19.51	0.00752 4	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	13.19	0.00508 7	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	-5.82	-0.0022 45	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	6.82	0.00263 0	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	9.11	0.00351 3	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	11.10	0.00428 1	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	11.99	0.00462 4	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	5.72	0.00220 6	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	-10.87	-0.0041 92	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	-7.02	-0.0026 19	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	12.46	0.00464 9	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	9.46	0.00353 0	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	13.95	0.00520 5	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-9.07	-0.0033 84	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	13.28	0.00495 5	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	4.98	0.00185 8	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-10.89	-0.0040 63	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	-6.81	-0.0025	±2.5	PASS

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