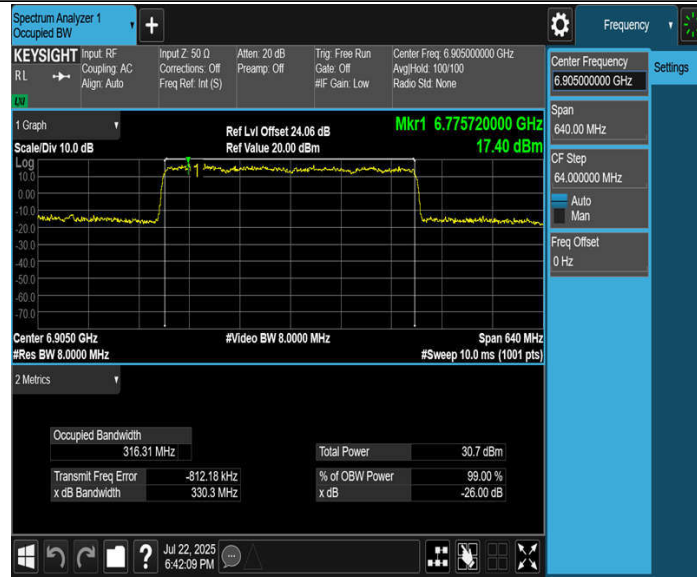
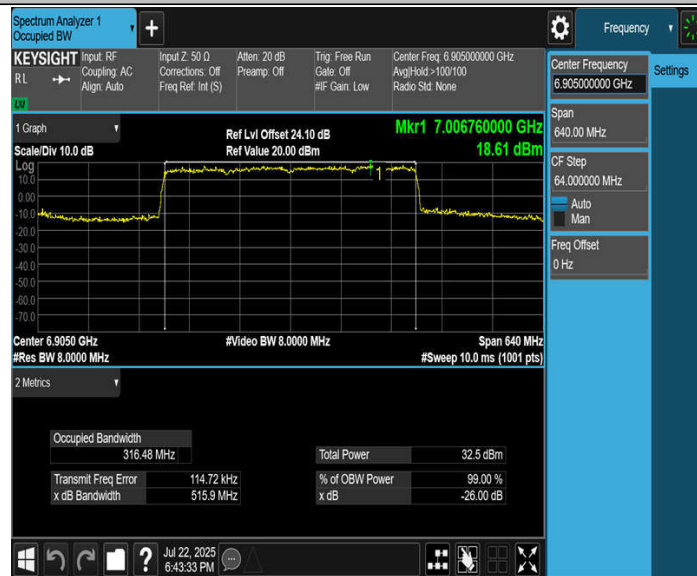


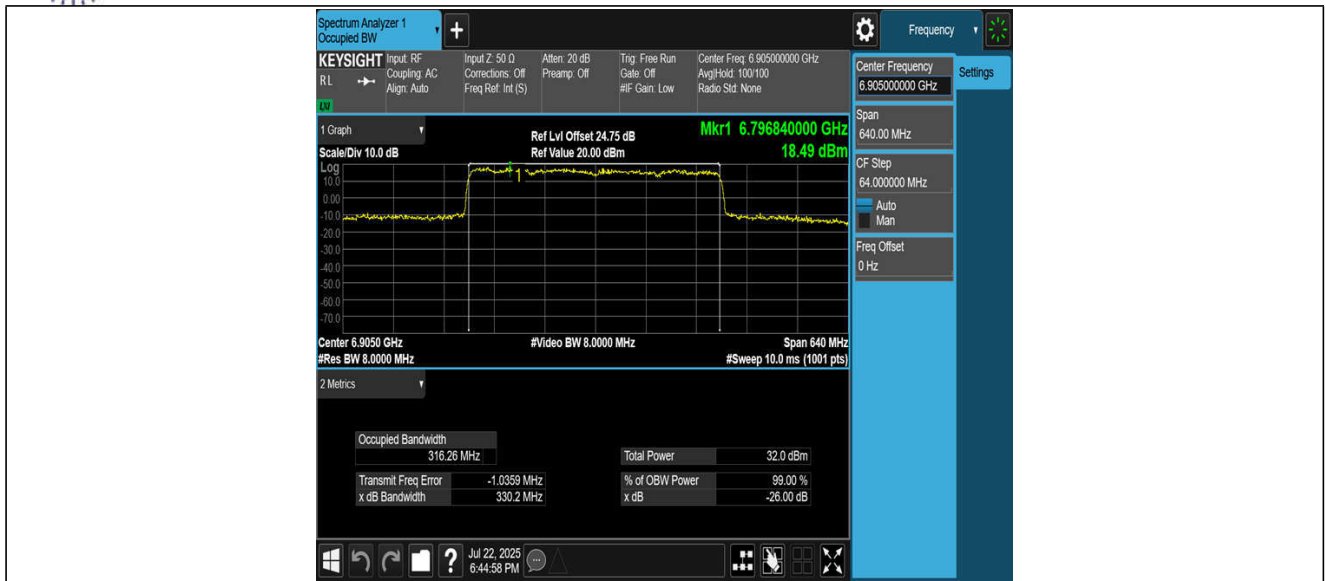
11BE320MIMO_Ant2_6905



11BE320MIMO_Ant3_6905



11BE320MIMO_Ant4_6905



3.2 Transmitter power

3.2.1 Limit

The following limits shall apply to indoor access points devices:

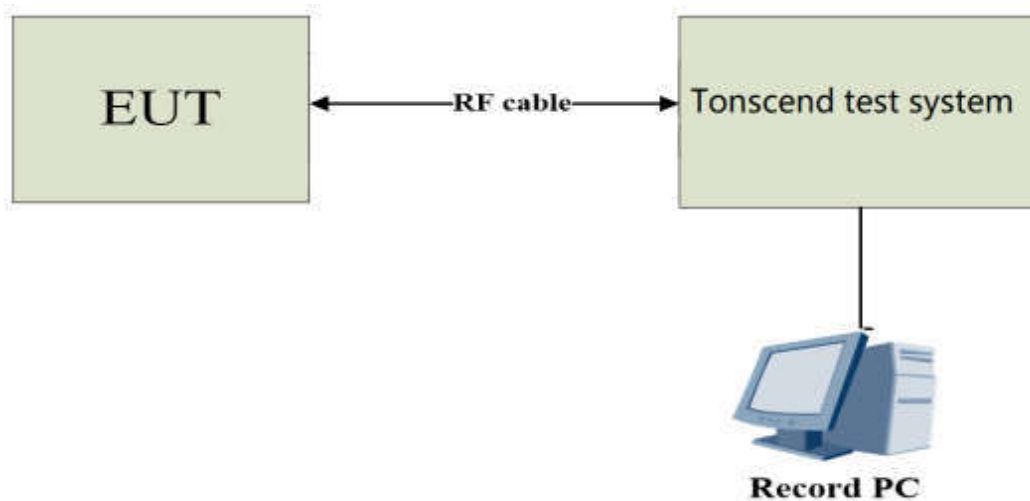
- the maximum e.i.r.p. spectral density shall not exceed 5dBm/MHz and
- the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 30dBm.

3.2.2 Test Procedure

Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

- The EUT was directly connected to the Tonscent test system.
- Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

3.2.3 Test Setup



3.2.4 Table of Parameters of Text Software Setting

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

No beamforming

Power Level Setting defined by Manufacturer					
accessMTool_REL_3_3_0_2					
Test Mode	Frequency(MHz)	Power Setting	Test Mode	Frequency(MHz)	Power Setting
11a-CDD	5955	28	11be-HE20	5955	29
	6175	28		6175	26
	6415	26		6415	25
	6435	23		6435	24
	6475	23		6475	24
	6515	23		6515	24
	6535	22		6535	24
	6695	22		6695	26
	6855	23		6855	24
	6875	23		6875	24
	6895	23		6895	24
	6995	24		6995	28
	7115	26		7115	28
11be-HE40	5955	40	11be-HE80	5965	51
	6175	40		6165	52
	6415	39		6405	48
	6435	34		6445	44
	6475	34		6485	42
	6515	33		6525	42
	6535	32		6565	47
	6695	36		6685	47
	6855	36		6845	48
	6875	38		6885	48
	6895	38		6925	48
	6995	38		6965	51
	7115	38		7085	52

11be-HE160	6025	62	11be-HE320	6105	72
	6185	61		6265	72
	6345	60		6585	61
	6505	50		6745	63
	6665	52		6905	70
	6825	59		/	/
	6985	60		/	/

Beamforming

Power Level Setting defined by Manufacturer					
accessMTool_REL_3_3_0_2					
Test Mode	Frequency(MHz)	Power Setting	Test Mode	Frequency(MHz)	Power Setting
11a-CDD	5955	11	11be-HE20	5955	13
	6175	10		6175	8
	6415	8		6415	8
	6435	4		6435	5
	6475	5		6475	5
	6515	5		6515	7
	6535	3		6535	7
	6695	4		6695	7
	6855	4		6855	7
	6875	5		6875	7
	6895	5		6895	7
	6995	8		6995	9
	7115	8		7115	9
11be-HE40	5955	21	11be-HE80	5985	32
	6175	21		6145	31
	6415	18		6385	29
	6435	16		6465	26
	6475	16		6545	27
	6515	16		6625	27
	6535	15		6705	28
	6695	17		6785	28
	6855	16		6865	28
	6875	16		6945	28
	6895	19		7025	28
	6995	19		/	/
	7115	19		/	/

11be-HE160	6025	43	11be-HE320	6105	50
	6185	42		6265	51
	6345	40		6585	45
	6505	34		6745	44
	6665	35		6905	51
	6825	39		/	/
	6985	39		/	/

3.2.5 Test Result

No beamforming

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A-CDD	Ant1	5955	7.85	4.24	12.09	≤30.00	PASS
	Ant2	5955	7.82	4.92	12.74	≤30.00	PASS
	Ant3	5955	8.78	4.84	13.62	≤30.00	PASS
	Ant4	5955	8.37	4.35	12.72	≤30.00	PASS
	total	5955	14.24	1.16	15.4	≤30.00	PASS
	Ant1	6175	8.58	4.24	12.82	≤30.00	PASS
	Ant2	6175	8.88	4.92	13.8	≤30.00	PASS
	Ant3	6175	8.91	4.84	13.75	≤30.00	PASS
	Ant4	6175	7.87	4.35	12.22	≤30.00	PASS
	total	6175	14.60	1.16	15.76	≤30.00	PASS
	Ant1	6415	8.61	4.24	12.85	≤30.00	PASS
	Ant2	6415	8.92	4.92	13.84	≤30.00	PASS
	Ant3	6415	8.31	4.84	13.15	≤30.00	PASS
	Ant4	6415	7.88	4.35	12.23	≤30.00	PASS
	total	6415	14.47	1.16	15.63	≤30.00	PASS
	Ant1	6435	9.01	4.24	13.25	≤30.00	PASS
	Ant2	6435	8.21	4.92	13.13	≤30.00	PASS
	Ant3	6435	8.79	4.84	13.63	≤30.00	PASS
	Ant4	6435	8.57	4.35	12.92	≤30.00	PASS
	total	6435	14.68	1.16	15.84	≤30.00	PASS
	Ant1	6475	9.12	4.24	13.36	≤30.00	PASS
	Ant2	6475	7.84	4.92	12.76	≤30.00	PASS
	Ant3	6475	8.91	4.84	13.75	≤30.00	PASS
	Ant4	6475	8.12	4.35	12.47	≤30.00	PASS
	total	6475	14.55	1.16	15.71	≤30.00	PASS
	Ant1	6515	8.90	4.24	13.14	≤30.00	PASS
	Ant2	6515	8.41	4.92	13.33	≤30.00	PASS
	Ant3	6515	8.97	4.84	13.81	≤30.00	PASS
	Ant4	6515	8.32	4.35	12.67	≤30.00	PASS
	total	6515	14.68	1.16	15.84	≤30.00	PASS

	Ant1	6535	8.61	4.24	12.85	≤30.00	PASS
	Ant2	6535	7.98	4.92	12.9	≤30.00	PASS
	Ant3	6535	9.14	4.84	13.98	≤30.00	PASS
	Ant4	6535	8.26	4.35	12.61	≤30.00	PASS
	total	6535	14.54	1.16	15.7	≤30.00	PASS
	Ant1	6695	8.57	4.24	12.81	≤30.00	PASS
	Ant2	6695	7.01	4.92	11.93	≤30.00	PASS
	Ant3	6695	8.45	4.84	13.29	≤30.00	PASS
	Ant4	6695	7.94	4.35	12.29	≤30.00	PASS
	total	6695	14.06	1.16	15.22	≤30.00	PASS
	Ant1	6855	8.64	4.24	12.88	≤30.00	PASS
	Ant2	6855	7.09	4.92	12.01	≤30.00	PASS
	Ant3	6855	8.88	4.84	13.72	≤30.00	PASS
	Ant4	6855	8.29	4.35	12.64	≤30.00	PASS
	total	6855	14.30	1.16	15.46	≤30.00	PASS
	Ant1	6875	9.16	4.24	13.4	≤30.00	PASS
	Ant2	6875	7.31	4.92	12.23	≤30.00	PASS
	Ant3	6875	9.03	4.84	13.87	≤30.00	PASS
	Ant4	6875	8.54	4.35	12.89	≤30.00	PASS
	total	6875	14.59	1.16	15.75	≤30.00	PASS
	Ant1	6895	9.07	4.24	13.31	≤30.00	PASS
	Ant2	6895	7.22	4.92	12.14	≤30.00	PASS
	Ant3	6895	9.25	4.84	14.09	≤30.00	PASS
	Ant4	6895	8.38	4.35	12.73	≤30.00	PASS
	total	6895	14.57	1.16	15.73	≤30.00	PASS
	Ant1	6995	8.15	4.24	12.39	≤30.00	PASS
	Ant2	6995	7.81	4.92	12.73	≤30.00	PASS
	Ant3	6995	8.84	4.84	13.68	≤30.00	PASS
	Ant4	6995	8.35	4.35	12.7	≤30.00	PASS
	total	6995	14.32	1.16	15.48	≤30.00	PASS
	Ant1	7115	8.61	4.24	12.85	≤30.00	PASS
	Ant2	7115	7.85	4.92	12.77	≤30.00	PASS
	Ant3	7115	9.26	4.84	14.1	≤30.00	PASS
	Ant4	7115	8.34	4.35	12.69	≤30.00	PASS
	total	7115	14.57	1.16	15.73	≤30.00	PASS
11BE20MI MO	Ant1	5955	8.64	4.24	12.88	≤30.00	PASS
	Ant2	5955	8.62	4.92	13.54	≤30.00	PASS
	Ant3	5955	9.53	4.84	14.37	≤30.00	PASS
	Ant4	5955	8.91	4.35	13.26	≤30.00	PASS
	total	5955	14.96	1.16	16.12	≤30.00	PASS
	Ant1	6175	8.81	4.24	13.05	≤30.00	PASS
	Ant2	6175	9.18	4.92	14.1	≤30.00	PASS
	Ant3	6175	9.19	4.84	14.03	≤30.00	PASS

	Ant4	6175	8.01	4.35	12.36	≤30.00	PASS
	total	6175	14.84	1.16	16	≤30.00	PASS
	Ant1	6415	8.86	4.24	13.1	≤30.00	PASS
	Ant2	6415	9.48	4.92	14.4	≤30.00	PASS
	Ant3	6415	8.64	4.84	13.48	≤30.00	PASS
	Ant4	6415	8.41	4.35	12.76	≤30.00	PASS
	total	6415	14.89	1.16	16.05	≤30.00	PASS
	Ant1	6435	9.68	4.24	13.92	≤30.00	PASS
	Ant2	6435	8.70	4.92	13.62	≤30.00	PASS
	Ant3	6435	9.43	4.84	14.27	≤30.00	PASS
	Ant4	6435	9.04	4.35	13.39	≤30.00	PASS
	total	6435	15.25	1.16	16.41	≤30.00	PASS
	Ant1	6475	9.83	4.24	14.07	≤30.00	PASS
	Ant2	6475	8.74	4.92	13.66	≤30.00	PASS
	Ant3	6475	9.47	4.84	14.31	≤30.00	PASS
	Ant4	6475	8.97	4.35	13.32	≤30.00	PASS
	total	6475	15.29	1.16	16.45	≤30.00	PASS
	Ant1	6515	9.60	4.24	13.84	≤30.00	PASS
	Ant2	6515	8.60	4.92	13.52	≤30.00	PASS
	Ant3	6515	9.41	4.84	14.25	≤30.00	PASS
	Ant4	6515	9.19	4.35	13.54	≤30.00	PASS
	total	6515	15.24	1.16	16.4	≤30.00	PASS
	Ant1	6535	9.64	4.24	13.88	≤30.00	PASS
	Ant2	6535	8.56	4.92	13.48	≤30.00	PASS
	Ant3	6535	9.38	4.84	14.22	≤30.00	PASS
	Ant4	6535	8.94	4.35	13.29	≤30.00	PASS
	total	6535	15.17	1.16	16.33	≤30.00	PASS
	Ant1	6695	10.25	4.24	14.49	≤30.00	PASS
	Ant2	6695	8.63	4.92	13.55	≤30.00	PASS
	Ant3	6695	9.40	4.84	14.24	≤30.00	PASS
	Ant4	6695	9.53	4.35	13.88	≤30.00	PASS
	total	6695	15.51	1.16	16.67	≤30.00	PASS
	Ant1	6855	10.09	4.24	14.33	≤30.00	PASS
	Ant2	6855	8.36	4.92	13.28	≤30.00	PASS
	Ant3	6855	9.53	4.84	14.37	≤30.00	PASS
	Ant4	6855	9.63	4.35	13.98	≤30.00	PASS
	total	6855	15.47	1.16	16.63	≤30.00	PASS
	Ant1	6875	9.91	4.24	14.15	≤30.00	PASS
	Ant2	6875	8.13	4.92	13.05	≤30.00	PASS
	Ant3	6875	9.65	4.84	14.49	≤30.00	PASS
	Ant4	6875	9.41	4.35	13.76	≤30.00	PASS
	total	6875	15.35	1.16	16.51	≤30.00	PASS
	Ant1	6895	9.74	4.24	13.98	≤30.00	PASS

	Ant2	6895	8.53	4.92	13.45	≤30.00	PASS
	Ant3	6895	9.74	4.84	14.58	≤30.00	PASS
	Ant4	6895	9.70	4.35	14.05	≤30.00	PASS
	total	6895	15.48	1.16	16.64	≤30.00	PASS
	Ant1	6995	9.71	4.24	13.95	≤30.00	PASS
	Ant2	6995	9.31	4.92	14.23	≤30.00	PASS
	Ant3	6995	10.05	4.84	14.89	≤30.00	PASS
	Ant4	6995	9.70	4.35	14.05	≤30.00	PASS
	total	6995	15.72	1.16	16.88	≤30.00	PASS
	Ant1	7115	9.62	4.24	13.86	≤30.00	PASS
	Ant2	7115	9.24	4.92	14.16	≤30.00	PASS
	Ant3	7115	9.94	4.84	14.78	≤30.00	PASS
	Ant4	7115	9.57	4.35	13.92	≤30.00	PASS
	total	7115	15.62	1.16	16.78	≤30.00	PASS
11BE40MI MO	Ant1	5965	11.58	4.24	15.82	≤30.00	PASS
	Ant2	5965	11.25	4.92	16.17	≤30.00	PASS
	Ant3	5965	11.90	4.84	16.74	≤30.00	PASS
	Ant4	5965	12.04	4.35	16.39	≤30.00	PASS
	total	5965	17.72	1.16	18.88	≤30.00	PASS
	Ant1	6165	12.30	4.24	16.54	≤30.00	PASS
	Ant2	6165	12.43	4.92	17.35	≤30.00	PASS
	Ant3	6165	12.87	4.84	17.71	≤30.00	PASS
	Ant4	6165	11.37	4.35	15.72	≤30.00	PASS
	total	6165	18.30	1.16	19.46	≤30.00	PASS
	Ant1	6405	12.20	4.24	16.44	≤30.00	PASS
	Ant2	6405	11.95	4.92	16.87	≤30.00	PASS
	Ant3	6405	11.38	4.84	16.22	≤30.00	PASS
	Ant4	6405	10.78	4.35	15.13	≤30.00	PASS
	total	6405	17.63	1.16	18.79	≤30.00	PASS
	Ant1	6445	12.02	4.24	16.26	≤30.00	PASS
	Ant2	6445	10.78	4.92	15.7	≤30.00	PASS
	Ant3	6445	11.72	4.84	16.56	≤30.00	PASS
	Ant4	6445	11.72	4.35	16.07	≤30.00	PASS
	total	6445	17.60	1.16	18.76	≤30.00	PASS
	Ant1	6485	11.55	4.24	15.79	≤30.00	PASS
	Ant2	6485	10.96	4.92	15.88	≤30.00	PASS
	Ant3	6485	11.74	4.84	16.58	≤30.00	PASS
	Ant4	6485	11.67	4.35	16.02	≤30.00	PASS
	total	6485	17.51	1.16	18.67	≤30.00	PASS
	Ant1	6525	11.72	4.24	15.96	≤30.00	PASS
	Ant2	6525	10.71	4.92	15.63	≤30.00	PASS
	Ant3	6525	11.55	4.84	16.39	≤30.00	PASS
	Ant4	6525	11.65	4.35	16	≤30.00	PASS

	total	6525	17.45	1.16	18.61	≤30.00	PASS
	Ant1	6565	11.46	4.24	15.7	≤30.00	PASS
	Ant2	6565	10.57	4.92	15.49	≤30.00	PASS
	Ant3	6565	11.17	4.84	16.01	≤30.00	PASS
	Ant4	6565	11.55	4.35	15.9	≤30.00	PASS
	total	6565	17.22	1.16	18.38	≤30.00	PASS
	Ant1	6685	12.30	4.24	16.54	≤30.00	PASS
	Ant2	6685	10.63	4.92	15.55	≤30.00	PASS
	Ant3	6685	11.98	4.84	16.82	≤30.00	PASS
	Ant4	6685	11.58	4.35	15.93	≤30.00	PASS
	total	6685	17.69	1.16	18.85	≤30.00	PASS
	Ant1	6845	12.64	4.24	16.88	≤30.00	PASS
	Ant2	6845	11.01	4.92	15.93	≤30.00	PASS
	Ant3	6845	12.57	4.84	17.41	≤30.00	PASS
	Ant4	6845	12.20	4.35	16.55	≤30.00	PASS
	total	6845	18.17	1.16	19.33	≤30.00	PASS
	Ant1	6885	13.18	4.24	17.42	≤30.00	PASS
	Ant2	6885	11.48	4.92	16.4	≤30.00	PASS
	Ant3	6885	12.93	4.84	17.77	≤30.00	PASS
	Ant4	6885	12.41	4.35	16.76	≤30.00	PASS
	total	6885	18.57	1.16	19.73	≤30.00	PASS
	Ant1	6925	11.73	4.24	15.97	≤30.00	PASS
	Ant2	6925	11.57	4.92	16.49	≤30.00	PASS
	Ant3	6925	12.73	4.84	17.57	≤30.00	PASS
	Ant4	6925	11.56	4.35	15.91	≤30.00	PASS
	total	6925	17.95	1.16	19.11	≤30.00	PASS
	Ant1	6965	12.05	4.24	16.29	≤30.00	PASS
	Ant2	6965	11.56	4.92	16.48	≤30.00	PASS
	Ant3	6965	12.44	4.84	17.28	≤30.00	PASS
	Ant4	6965	11.42	4.35	15.77	≤30.00	PASS
	total	6965	17.91	1.16	19.07	≤30.00	PASS
	Ant1	7085	12.31	4.24	16.55	≤30.00	PASS
	Ant2	7085	11.72	4.92	16.64	≤30.00	PASS
	Ant3	7085	12.40	4.84	17.24	≤30.00	PASS
	Ant4	7085	11.56	4.35	15.91	≤30.00	PASS
	total	7085	18.03	1.16	19.19	≤30.00	PASS
11BE80MI MO	Ant1	5985	15.17	4.24	19.41	≤30.00	PASS
	Ant2	5985	14.80	4.92	19.72	≤30.00	PASS
	Ant3	5985	15.14	4.84	19.98	≤30.00	PASS
	Ant4	5985	15.01	4.35	19.36	≤30.00	PASS
	total	5985	21.05	1.16	22.21	≤30.00	PASS
	Ant1	6145	15.09	4.24	19.33	≤30.00	PASS
	Ant2	6145	14.99	4.92	19.91	≤30.00	PASS

	Ant3	6145	15.31	4.84	20.15	≤30.00	PASS
	Ant4	6145	14.59	4.35	18.94	≤30.00	PASS
	total	6145	21.02	1.16	22.18	≤30.00	PASS
	Ant1	6385	14.72	4.24	18.96	≤30.00	PASS
	Ant2	6385	14.32	4.92	19.24	≤30.00	PASS
	Ant3	6385	14.40	4.84	19.24	≤30.00	PASS
	Ant4	6385	14.09	4.35	18.44	≤30.00	PASS
	total	6385	20.41	1.16	21.57	≤30.00	PASS
	Ant1	6465	14.98	4.24	19.22	≤30.00	PASS
	Ant2	6465	13.77	4.92	18.69	≤30.00	PASS
	Ant3	6465	14.64	4.84	19.48	≤30.00	PASS
	Ant4	6465	14.39	4.35	18.74	≤30.00	PASS
	total	6465	20.49	1.16	21.65	≤30.00	PASS
	Ant1	6545	14.36	4.24	18.6	≤30.00	PASS
	Ant2	6545	13.73	4.92	18.65	≤30.00	PASS
	Ant3	6545	14.02	4.84	18.86	≤30.00	PASS
	Ant4	6545	14.08	4.35	18.43	≤30.00	PASS
	total	6545	20.07	1.16	21.23	≤30.00	PASS
	Ant1	6625	13.84	4.24	18.08	≤30.00	PASS
	Ant2	6625	13.15	4.92	18.07	≤30.00	PASS
	Ant3	6625	13.30	4.84	18.14	≤30.00	PASS
	Ant4	6625	13.63	4.35	17.98	≤30.00	PASS
	total	6625	19.51	1.16	20.67	≤30.00	PASS
	Ant1	6705	15.06	4.24	19.3	≤30.00	PASS
	Ant2	6705	13.93	4.92	18.85	≤30.00	PASS
	Ant3	6705	14.71	4.84	19.55	≤30.00	PASS
	Ant4	6705	14.79	4.35	19.14	≤30.00	PASS
	total	6705	20.66	1.16	21.82	≤30.00	PASS
	Ant1	6785	15.34	4.24	19.58	≤30.00	PASS
	Ant2	6785	13.83	4.92	18.75	≤30.00	PASS
	Ant3	6785	15.40	4.84	20.24	≤30.00	PASS
	Ant4	6785	15.11	4.35	19.46	≤30.00	PASS
	total	6785	20.99	1.16	22.15	≤30.00	PASS
	Ant1	6865	15.84	4.24	20.08	≤30.00	PASS
	Ant2	6865	14.17	4.92	19.09	≤30.00	PASS
	Ant3	6865	15.83	4.84	20.67	≤30.00	PASS
	Ant4	6865	15.32	4.35	19.67	≤30.00	PASS
	total	6865	21.36	1.16	22.52	≤30.00	PASS
	Ant1	6945	15.13	4.24	19.37	≤30.00	PASS
	Ant2	6945	14.45	4.92	19.37	≤30.00	PASS
	Ant3	6945	15.72	4.84	20.56	≤30.00	PASS
	Ant4	6945	14.98	4.35	19.33	≤30.00	PASS
	total	6945	21.11	1.16	22.27	≤30.00	PASS

	Ant1	7025	15.33	4.24	19.57	≤30.00	PASS
	Ant2	7025	14.48	4.92	19.4	≤30.00	PASS
	Ant3	7025	15.74	4.84	20.58	≤30.00	PASS
	Ant4	7025	14.82	4.35	19.17	≤30.00	PASS
	total	7025	21.14	1.16	22.3	≤30.00	PASS
11BE160MI MO	Ant1	6025	17.29	4.24	21.53	≤30.00	PASS
	Ant2	6025	17.03	4.92	21.95	≤30.00	PASS
	Ant3	6025	17.99	4.84	22.83	≤30.00	PASS
	Ant4	6025	17.65	4.35	22	≤30.00	PASS
	total	6025	23.53	1.16	24.69	≤30.00	PASS
	Ant1	6185	17.64	4.24	21.88	≤30.00	PASS
	Ant2	6185	17.03	4.92	21.95	≤30.00	PASS
	Ant3	6185	17.22	4.84	22.06	≤30.00	PASS
	Ant4	6185	16.58	4.35	20.93	≤30.00	PASS
	total	6185	23.15	1.16	24.31	≤30.00	PASS
	Ant1	6345	17.40	4.24	21.64	≤30.00	PASS
	Ant2	6345	17.45	4.92	22.37	≤30.00	PASS
	Ant3	6345	16.89	4.84	21.73	≤30.00	PASS
	Ant4	6345	16.95	4.35	21.3	≤30.00	PASS
	total	6345	23.20	1.16	24.36	≤30.00	PASS
	Ant1	6505	16.18	4.24	20.42	≤30.00	PASS
	Ant2	6505	15.16	4.92	20.08	≤30.00	PASS
	Ant3	6505	16.02	4.84	20.86	≤30.00	PASS
	Ant4	6505	15.74	4.35	20.09	≤30.00	PASS
	total	6505	21.81	1.16	22.97	≤30.00	PASS
	Ant1	6665	16.55	4.24	20.79	≤30.00	PASS
	Ant2	6665	15.37	4.92	20.29	≤30.00	PASS
	Ant3	6665	16.07	4.84	20.91	≤30.00	PASS
	Ant4	6665	15.90	4.35	20.25	≤30.00	PASS
	total	6665	22.01	1.16	23.17	≤30.00	PASS
	Ant1	6825	18.00	4.24	22.24	≤30.00	PASS
	Ant2	6825	16.77	4.92	21.69	≤30.00	PASS
	Ant3	6825	18.18	4.84	23.02	≤30.00	PASS
	Ant4	6825	17.65	4.35	22	≤30.00	PASS
	total	6825	23.70	1.16	24.86	≤30.00	PASS
	Ant1	6985	17.74	4.24	21.98	≤30.00	PASS
	Ant2	6985	16.98	4.92	21.9	≤30.00	PASS
	Ant3	6985	18.51	4.84	23.35	≤30.00	PASS
	Ant4	6985	17.56	4.35	21.91	≤30.00	PASS
	total	6985	23.75	1.16	24.91	≤30.00	PASS
11BE320MI MO	Ant1	6105	20.24	4.24	24.48	≤30.00	PASS
	Ant2	6105	19.29	4.92	24.21	≤30.00	PASS
	Ant3	6105	20.36	4.84	25.2	≤30.00	PASS

	Ant4	6105	19.92	4.35	24.27	≤30.00	PASS
	total	6105	25.99	1.16	27.15	≤30.00	PASS
	Ant1	6265	19.88	4.24	24.12	≤30.00	PASS
	Ant2	6265	19.77	4.92	24.69	≤30.00	PASS
	Ant3	6265	19.74	4.84	24.58	≤30.00	PASS
	Ant4	6265	19.77	4.35	24.12	≤30.00	PASS
	total	6265	25.81	1.16	26.97	≤30.00	PASS
	Ant1	6585	18.41	4.24	22.65	≤30.00	PASS
	Ant2	6585	16.85	4.92	21.77	≤30.00	PASS
	Ant3	6585	18.81	4.84	23.65	≤30.00	PASS
	Ant4	6585	18.42	4.35	22.77	≤30.00	PASS
	total	6585	24.20	1.16	25.36	≤30.00	PASS
	Ant1	6745	19.10	4.24	23.34	≤30.00	PASS
	Ant2	6745	17.70	4.92	22.62	≤30.00	PASS
	Ant3	6745	18.93	4.84	23.77	≤30.00	PASS
	Ant4	6745	18.73	4.35	23.08	≤30.00	PASS
	total	6745	24.67	1.16	25.83	≤30.00	PASS
	Ant1	6905	20.63	4.24	24.87	≤30.00	PASS
	Ant2	6905	19.26	4.92	24.18	≤30.00	PASS
	Ant3	6905	21.20	4.84	26.04	≤30.00	PASS
	Ant4	6905	20.63	4.35	24.98	≤30.00	PASS
	total	6905	26.51	1.16	27.67	≤30.00	PASS

beamforming

Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A-CDD	Ant1	5955	3.05	4.24	7.29	≤30.00	PASS
	Ant2	5955	2.6	4.92	7.52	≤30.00	PASS
	Ant3	5955	3.01	4.84	7.85	≤30.00	PASS
	Ant4	5955	3.10	4.35	7.45	≤30.00	PASS
	total	5955	8.97	6.57	15.54	≤29.43	PASS
	Ant1	6175	3.49	4.24	7.73	≤30.00	PASS
	Ant2	6175	3.47	4.92	8.39	≤30.00	PASS
	Ant3	6175	3.20	4.84	8.04	≤30.00	PASS
	Ant4	6175	2.62	4.35	6.97	≤30.00	PASS
	total	6175	9.23	6.57	15.8	≤29.43	PASS
	Ant1	6415	3.35	4.24	7.59	≤30.00	PASS
	Ant2	6415	3.89	4.92	8.81	≤30.00	PASS
	Ant3	6415	2.77	4.84	7.61	≤30.00	PASS
	Ant4	6415	2.69	4.35	7.04	≤30.00	PASS
	total	6415	9.22	6.57	15.79	≤29.43	PASS
	Ant1	6435	3.53	4.24	7.77	≤30.00	PASS
	Ant2	6435	2.85	4.92	7.77	≤30.00	PASS

	Ant3	6435	2.85	4.84	7.69	≤30.00	PASS
	Ant4	6435	3.19	4.35	7.54	≤30.00	PASS
	total	6435	9.13	6.57	15.7	≤29.43	PASS
	Ant1	6475	3.68	4.24	7.92	≤30.00	PASS
	Ant2	6475	2.56	4.92	7.48	≤30.00	PASS
	Ant3	6475	2.94	4.84	7.78	≤30.00	PASS
	Ant4	6475	2.75	4.35	7.1	≤30.00	PASS
	total	6475	9.02	6.57	15.59	≤29.43	PASS
	Ant1	6515	3.53	4.24	7.77	≤30.00	PASS
	Ant2	6515	2.71	4.92	7.63	≤30.00	PASS
	Ant3	6515	3.03	4.84	7.87	≤30.00	PASS
	Ant4	6515	3.07	4.35	7.42	≤30.00	PASS
	total	6515	9.12	6.57	15.69	≤29.43	PASS
	Ant1	6535	3.78	4.24	8.02	≤30.00	PASS
	Ant2	6535	2.28	4.92	7.2	≤30.00	PASS
	Ant3	6535	1.62	4.84	6.46	≤30.00	PASS
	Ant4	6535	3.46	4.35	7.81	≤30.00	PASS
	total	6535	8.89	6.57	15.46	≤29.43	PASS
	Ant1	6695	3.22	4.24	7.46	≤30.00	PASS
	Ant2	6695	2.17	4.92	7.09	≤30.00	PASS
	Ant3	6695	2.38	4.84	7.22	≤30.00	PASS
	Ant4	6695	3.78	4.35	8.13	≤30.00	PASS
	total	6695	8.96	6.57	15.53	≤29.43	PASS
	Ant1	6855	3.71	4.24	7.95	≤30.00	PASS
	Ant2	6855	2.22	4.92	7.14	≤30.00	PASS
	Ant3	6855	2.77	4.84	7.61	≤30.00	PASS
	Ant4	6855	3.95	4.35	8.3	≤30.00	PASS
	total	6855	9.24	6.57	15.81	≤29.43	PASS
	Ant1	6875	3.64	4.24	7.88	≤30.00	PASS
	Ant2	6875	2.12	4.92	7.04	≤30.00	PASS
	Ant3	6875	2.87	4.84	7.71	≤30.00	PASS
	Ant4	6875	3.84	4.35	8.19	≤30.00	PASS
	total	6875	9.19	6.57	15.76	≤29.43	PASS
	Ant1	6895	3.42	4.24	7.66	≤30.00	PASS
	Ant2	6895	2.05	4.92	6.97	≤30.00	PASS
	Ant3	6895	2.50	4.84	7.34	≤30.00	PASS
	Ant4	6895	4.29	4.35	8.64	≤30.00	PASS
	total	6895	9.17	6.57	15.74	≤29.43	PASS
	Ant1	6995	2.94	4.24	7.18	≤30.00	PASS
	Ant2	6995	2.85	4.92	7.77	≤30.00	PASS
	Ant3	6995	2.72	4.84	7.56	≤30.00	PASS
	Ant4	6995	4.03	4.35	8.38	≤30.00	PASS
	total	6995	9.19	6.57	15.76	≤29.43	PASS

	Ant1	7115	3.01	4.24	7.25	≤30.00	PASS
	Ant2	7115	2.27	4.92	7.19	≤30.00	PASS
	Ant3	7115	2.73	4.84	7.57	≤30.00	PASS
	Ant4	7115	3.72	4.35	8.07	≤30.00	PASS
	total	7115	8.99	6.57	15.56	≤29.43	PASS
11BE20MI MO	Ant1	5955	5.13	4.24	9.37	≤30.00	PASS
	Ant2	5955	5.24	4.92	10.16	≤30.00	PASS
	Ant3	5955	5.23	4.84	10.07	≤30.00	PASS
	Ant4	5955	6.61	4.35	10.96	≤30.00	PASS
	total	5955	11.62	6.57	18.19	≤29.43	PASS
	Ant1	6175	2.36	4.24	6.6	≤30.00	PASS
	Ant2	6175	2.36	4.92	7.28	≤30.00	PASS
	Ant3	6175	2.96	4.84	7.8	≤30.00	PASS
	Ant4	6175	3.33	4.35	7.68	≤30.00	PASS
	total	6175	8.79	6.57	15.36	≤29.43	PASS
	Ant1	6415	2.19	4.24	6.43	≤30.00	PASS
	Ant2	6415	3.04	4.92	7.96	≤30.00	PASS
	Ant3	6415	2.85	4.84	7.69	≤30.00	PASS
	Ant4	6415	3.32	4.35	7.67	≤30.00	PASS
	total	6415	8.89	6.57	15.46	≤29.43	PASS
	Ant1	6435	3.40	4.24	7.64	≤30.00	PASS
	Ant2	6435	1.94	4.92	6.86	≤30.00	PASS
	Ant3	6435	1.86	4.84	6.7	≤30.00	PASS
	Ant4	6435	3.08	4.35	7.43	≤30.00	PASS
	total	6435	8.64	6.57	15.21	≤29.43	PASS
	Ant1	6475	3.36	4.24	7.6	≤30.00	PASS
	Ant2	6475	1.93	4.92	6.85	≤30.00	PASS
	Ant3	6475	2.62	4.84	7.46	≤30.00	PASS
	Ant4	6475	2.68	4.35	7.03	≤30.00	PASS
	total	6475	8.70	6.57	15.27	≤29.43	PASS
	Ant1	6515	3.16	4.24	7.4	≤30.00	PASS
	Ant2	6515	1.77	4.92	6.69	≤30.00	PASS
	Ant3	6515	1.59	4.84	6.43	≤30.00	PASS
	Ant4	6515	3.56	4.35	7.91	≤30.00	PASS
	total	6515	8.62	6.57	15.19	≤29.43	PASS
	Ant1	6535	3.78	4.24	8.02	≤30.00	PASS
	Ant2	6535	2.28	4.92	7.2	≤30.00	PASS
	Ant3	6535	1.62	4.84	6.46	≤30.00	PASS
	Ant4	6535	3.46	4.35	7.81	≤30.00	PASS
	total	6535	8.89	6.57	15.46	≤29.43	PASS
	Ant1	6695	3.22	4.24	7.46	≤30.00	PASS
	Ant2	6695	2.17	4.92	7.09	≤30.00	PASS
	Ant3	6695	2.38	4.84	7.22	≤30.00	PASS

	Ant4	6695	3.78	4.35	8.13	≤30.00	PASS
	total	6695	8.96	6.57	15.53	≤29.43	PASS
	Ant1	6855	3.71	4.24	7.95	≤30.00	PASS
	Ant2	6855	2.22	4.92	7.14	≤30.00	PASS
	Ant3	6855	2.77	4.84	7.61	≤30.00	PASS
	Ant4	6855	3.95	4.35	8.3	≤30.00	PASS
	total	6855	9.24	6.57	15.81	≤29.43	PASS
	Ant1	6875	3.64	4.24	7.88	≤30.00	PASS
	Ant2	6875	2.12	4.92	7.04	≤30.00	PASS
	Ant3	6875	2.87	4.84	7.71	≤30.00	PASS
	Ant4	6875	3.84	4.35	8.19	≤30.00	PASS
	total	6875	9.19	6.57	15.76	≤29.43	PASS
	Ant1	6895	3.42	4.24	7.66	≤30.00	PASS
	Ant2	6895	2.05	4.92	6.97	≤30.00	PASS
	Ant3	6895	2.50	4.84	7.34	≤30.00	PASS
	Ant4	6895	4.29	4.35	8.64	≤30.00	PASS
	total	6895	9.17	6.57	15.74	≤29.43	PASS
	Ant1	6995	2.94	4.24	7.18	≤30.00	PASS
	Ant2	6995	2.85	4.92	7.77	≤30.00	PASS
	Ant3	6995	2.72	4.84	7.56	≤30.00	PASS
	Ant4	6995	4.03	4.35	8.38	≤30.00	PASS
	total	6995	9.19	6.57	15.76	≤29.43	PASS
	Ant1	7115	3.01	4.24	7.25	≤30.00	PASS
	Ant2	7115	2.27	4.92	7.19	≤30.00	PASS
	Ant3	7115	2.73	4.84	7.57	≤30.00	PASS
	Ant4	7115	3.72	4.35	8.07	≤30.00	PASS
	total	7115	8.99	6.57	15.56	≤29.43	PASS
11BE40MI MO	Ant1	5965	5.13	4.24	9.37	≤30.00	PASS
	Ant2	5965	5.24	4.92	10.16	≤30.00	PASS
	Ant3	5965	5.23	4.84	10.07	≤30.00	PASS
	Ant4	5965	6.61	4.35	10.96	≤30.00	PASS
	total	5965	11.62	6.57	18.19	≤29.43	PASS
	Ant1	6165	5.51	4.24	9.75	≤30.00	PASS
	Ant2	6165	6.14	4.92	11.06	≤30.00	PASS
	Ant3	6165	5.95	4.84	10.79	≤30.00	PASS
	Ant4	6165	6.83	4.35	11.18	≤30.00	PASS
	total	6165	12.15	6.57	18.72	≤29.43	PASS
	Ant1	6405	4.77	4.24	9.01	≤30.00	PASS
	Ant2	6405	5.77	4.92	10.69	≤30.00	PASS
	Ant3	6405	5.78	4.84	10.62	≤30.00	PASS
	Ant4	6405	5.69	4.35	10.04	≤30.00	PASS
	total	6405	11.54	6.57	18.11	≤29.43	PASS
	Ant1	6445	5.68	4.24	9.92	≤30.00	PASS

	Ant2	6445	5.08	4.92	10	≤30.00	PASS
	Ant3	6445	4.98	4.84	9.82	≤30.00	PASS
	Ant4	6445	6.23	4.35	10.58	≤30.00	PASS
	total	6445	11.54	6.57	18.11	≤29.43	PASS
	Ant1	6485	5.41	4.24	9.65	≤30.00	PASS
	Ant2	6485	4.93	4.92	9.85	≤30.00	PASS
	Ant3	6485	4.27	4.84	9.11	≤30.00	PASS
	Ant4	6485	5.90	4.35	10.25	≤30.00	PASS
	total	6485	11.19	6.57	17.76	≤29.43	PASS
	Ant1	6525	5.60	4.24	9.84	≤30.00	PASS
	Ant2	6525	4.80	4.92	9.72	≤30.00	PASS
	Ant3	6525	3.67	4.84	8.51	≤30.00	PASS
	Ant4	6525	5.98	4.35	10.33	≤30.00	PASS
	total	6525	11.12	6.57	17.69	≤29.43	PASS
	Ant1	6565	6.09	4.24	10.33	≤30.00	PASS
	Ant2	6565	4.65	4.92	9.57	≤30.00	PASS
	Ant3	6565	4.94	4.84	9.78	≤30.00	PASS
	Ant4	6565	6.32	4.35	10.67	≤30.00	PASS
	total	6565	11.58	6.57	18.15	≤29.43	PASS
	Ant1	6685	6.02	4.24	10.26	≤30.00	PASS
	Ant2	6685	4.69	4.92	9.61	≤30.00	PASS
	Ant3	6685	4.86	4.84	9.7	≤30.00	PASS
	Ant4	6685	6.43	4.35	10.78	≤30.00	PASS
	total	6685	11.58	6.57	18.15	≤29.43	PASS
	Ant1	6845	6.01	4.24	10.25	≤30.00	PASS
	Ant2	6845	4.44	4.92	9.36	≤30.00	PASS
	Ant3	6845	5.39	4.84	10.23	≤30.00	PASS
	Ant4	6845	6.83	4.35	11.18	≤30.00	PASS
	total	6845	11.78	6.57	18.35	≤29.43	PASS
	Ant1	6885	6.17	4.24	10.41	≤30.00	PASS
	Ant2	6885	4.63	4.92	9.55	≤30.00	PASS
	Ant3	6885	5.09	4.84	9.93	≤30.00	PASS
	Ant4	6885	6.96	4.35	11.31	≤30.00	PASS
	total	6885	11.83	6.57	18.4	≤29.43	PASS
	Ant1	6925	5.58	4.24	9.82	≤30.00	PASS
	Ant2	6925	5.61	4.92	10.53	≤30.00	PASS
	Ant3	6925	5.41	4.84	10.25	≤30.00	PASS
	Ant4	6925	6.42	4.35	10.77	≤30.00	PASS
	total	6925	11.79	6.57	18.36	≤29.43	PASS
	Ant1	6965	5.76	4.24	10	≤30.00	PASS
	Ant2	6965	5.44	4.92	10.36	≤30.00	PASS
	Ant3	6965	5.65	4.84	10.49	≤30.00	PASS
	Ant4	6965	6.61	4.35	10.96	≤30.00	PASS

	total	6965	11.91	6.57	18.48	≤29.43	PASS
	Ant1	7085	5.82	4.24	10.06	≤30.00	PASS
	Ant2	7085	5.37	4.92	10.29	≤30.00	PASS
	Ant3	7085	5.77	4.84	10.61	≤30.00	PASS
	Ant4	7085	6.80	4.35	11.15	≤30.00	PASS
	total	7085	11.99	6.57	18.56	≤29.43	PASS
11BE80MI MO	Ant1	5985	8.01	4.24	12.25	≤30.00	PASS
	Ant2	5985	8.31	4.92	13.23	≤30.00	PASS
	Ant3	5985	8.90	4.84	13.74	≤30.00	PASS
	Ant4	5985	9.51	4.35	13.86	≤30.00	PASS
	total	5985	14.74	6.57	21.31	≤29.43	PASS
	Ant1	6145	8.05	4.24	12.29	≤30.00	PASS
	Ant2	6145	8.77	4.92	13.69	≤30.00	PASS
	Ant3	6145	8.74	4.84	13.58	≤30.00	PASS
	Ant4	6145	9.31	4.35	13.66	≤30.00	PASS
	total	6145	14.76	6.57	21.33	≤29.43	PASS
	Ant1	6385	7.67	4.24	11.91	≤30.00	PASS
	Ant2	6385	8.27	4.92	13.19	≤30.00	PASS
	Ant3	6385	8.32	4.84	13.16	≤30.00	PASS
	Ant4	6385	8.92	4.35	13.27	≤30.00	PASS
	total	6385	14.34	6.57	20.91	≤29.43	PASS
	Ant1	6465	7.82	4.24	12.06	≤30.00	PASS
	Ant2	6465	7.65	4.92	12.57	≤30.00	PASS
	Ant3	6465	7.04	4.84	11.88	≤30.00	PASS
	Ant4	6465	9.02	4.35	13.37	≤30.00	PASS
	total	6465	13.96	6.57	20.53	≤29.43	PASS
	Ant1	6545	8.53	4.24	12.77	≤30.00	PASS
	Ant2	6545	8.00	4.92	12.92	≤30.00	PASS
	Ant3	6545	6.99	4.84	11.83	≤30.00	PASS
	Ant4	6545	8.94	4.35	13.29	≤30.00	PASS
	total	6545	14.20	6.57	20.77	≤29.43	PASS
	Ant1	6625	7.98	4.24	12.22	≤30.00	PASS
	Ant2	6625	7.12	4.92	12.04	≤30.00	PASS
	Ant3	6625	6.63	4.84	11.47	≤30.00	PASS
	Ant4	6625	8.72	4.35	13.07	≤30.00	PASS
	total	6625	13.71	6.57	20.28	≤29.43	PASS
	Ant1	6705	8.44	4.24	12.68	≤30.00	PASS
	Ant2	6705	7.39	4.92	12.31	≤30.00	PASS
	Ant3	6705	6.93	4.84	11.77	≤30.00	PASS
	Ant4	6705	8.73	4.35	13.08	≤30.00	PASS
	total	6705	13.96	6.57	20.53	≤29.43	PASS
	Ant1	6785	8.43	4.24	12.67	≤30.00	PASS
	Ant2	6785	7.21	4.92	12.13	≤30.00	PASS

	Ant3	6785	7.73	4.84	12.57	≤30.00	PASS
	Ant4	6785	9.35	4.35	13.7	≤30.00	PASS
	total	6785	14.28	6.57	20.85	≤29.43	PASS
	Ant1	6865	9.00	4.24	13.24	≤30.00	PASS
	Ant2	6865	6.96	4.92	11.88	≤30.00	PASS
	Ant3	6865	7.78	4.84	12.62	≤30.00	PASS
	Ant4	6865	9.58	4.35	13.93	≤30.00	PASS
	total	6865	14.47	6.57	21.04	≤29.43	PASS
	Ant1	6945	8.05	4.24	12.29	≤30.00	PASS
	Ant2	6945	7.56	4.92	12.48	≤30.00	PASS
	Ant3	6945	7.58	4.84	12.42	≤30.00	PASS
	Ant4	6945	8.55	4.35	12.9	≤30.00	PASS
	total	6945	13.97	6.57	20.54	≤29.43	PASS
	Ant1	7025	7.99	4.24	12.23	≤30.00	PASS
	Ant2	7025	7.53	4.92	12.45	≤30.00	PASS
	Ant3	7025	8.13	4.84	12.97	≤30.00	PASS
	Ant4	7025	8.93	4.35	13.28	≤30.00	PASS
	total	7025	14.20	6.57	20.77	≤29.43	PASS
11BE160MI MO	Ant1	6025	11.22	4.24	15.46	≤30.00	PASS
	Ant2	6025	11.73	4.92	16.65	≤30.00	PASS
	Ant3	6025	11.40	4.84	16.24	≤30.00	PASS
	Ant4	6025	11.94	4.35	16.29	≤30.00	PASS
	total	6025	17.60	6.57	24.17	≤29.43	PASS
	Ant1	6185	11.01	4.24	15.25	≤30.00	PASS
	Ant2	6185	11.63	4.92	16.55	≤30.00	PASS
	Ant3	6185	11.22	4.84	16.06	≤30.00	PASS
	Ant4	6185	12.31	4.35	16.66	≤30.00	PASS
	total	6185	17.59	6.57	24.16	≤29.43	PASS
	Ant1	6345	10.82	4.24	15.06	≤30.00	PASS
	Ant2	6345	10.96	4.92	15.88	≤30.00	PASS
	Ant3	6345	11.52	4.84	16.36	≤30.00	PASS
	Ant4	6345	12.33	4.35	16.68	≤30.00	PASS
	total	6345	17.47	6.57	24.04	≤29.43	PASS
	Ant1	6505	10.31	4.24	14.55	≤30.00	PASS
	Ant2	6505	9.06	4.92	13.98	≤30.00	PASS
	Ant3	6505	8.54	4.84	13.38	≤30.00	PASS
	Ant4	6505	10.60	4.35	14.95	≤30.00	PASS
	total	6505	15.73	6.57	22.3	≤29.43	PASS
	Ant1	6665	10.26	4.24	14.5	≤30.00	PASS
	Ant2	6665	8.80	4.92	13.72	≤30.00	PASS
	Ant3	6665	9.22	4.84	14.06	≤30.00	PASS
	Ant4	6665	10.19	4.35	14.54	≤30.00	PASS
	total	6665	15.68	6.57	22.25	≤29.43	PASS

	Ant1	6825	12.02	4.24	16.26	≤30.00	PASS
	Ant2	6825	10.43	4.92	15.35	≤30.00	PASS
	Ant3	6825	10.95	4.84	15.79	≤30.00	PASS
	Ant4	6825	12.11	4.35	16.46	≤30.00	PASS
	total	6825	17.46	6.57	24.03	≤29.43	PASS
	Ant1	6985	10.99	4.24	15.23	≤30.00	PASS
	Ant2	6985	10.60	4.92	15.52	≤30.00	PASS
	Ant3	6985	10.79	4.84	15.63	≤30.00	PASS
	Ant4	6985	11.75	4.35	16.1	≤30.00	PASS
	total	6985	17.08	6.57	23.65	≤29.43	PASS
11BE320MI MO	Ant1	6105	12.67	4.24	16.91	≤30.00	PASS
	Ant2	6105	13.41	4.92	18.33	≤30.00	PASS
	Ant3	6105	12.80	4.84	17.64	≤30.00	PASS
	Ant4	6105	13.91	4.35	18.26	≤30.00	PASS
	total	6105	19.25	6.57	25.82	≤29.43	PASS
	Ant1	6265	12.81	4.24	17.05	≤30.00	PASS
	Ant2	6265	13.67	4.92	18.59	≤30.00	PASS
	Ant3	6265	13.53	4.84	18.37	≤30.00	PASS
	Ant4	6265	14.21	4.35	18.56	≤30.00	PASS
	total	6265	19.60	6.57	26.17	≤29.43	PASS
	Ant1	6585	12.79	4.24	17.03	≤30.00	PASS
	Ant2	6585	11.79	4.92	16.71	≤30.00	PASS
	Ant3	6585	12.43	4.84	17.27	≤30.00	PASS
	Ant4	6585	13.71	4.35	18.06	≤30.00	PASS
	total	6585	18.76	6.57	25.33	≤29.43	PASS
	Ant1	6745	12.94	4.24	17.18	≤30.00	PASS
	Ant2	6745	11.30	4.92	16.22	≤30.00	PASS
	Ant3	6745	12.20	4.84	17.04	≤30.00	PASS
	Ant4	6745	13.59	4.35	17.94	≤30.00	PASS
	total	6745	18.61	6.57	25.18	≤29.43	PASS
	Ant1	6905	14.69	4.24	18.93	≤30.00	PASS
	Ant2	6905	12.98	4.92	17.9	≤30.00	PASS
	Ant3	6905	13.67	4.84	18.51	≤30.00	PASS
	Ant4	6905	15.41	4.35	19.76	≤30.00	PASS
	total	6905	20.31	6.57	26.88	≤29.43	PASS

Note: The duty cycle factor is compensated in the average conducted output power.

3.3 Power Spectral Density Measurement

3.3.1 Limit

The following limits shall apply to standard client devices:

- a. the maximum e.i.r.p. spectral density shall not exceed 5dBm/MHz.

3.3.2 Test Procedure

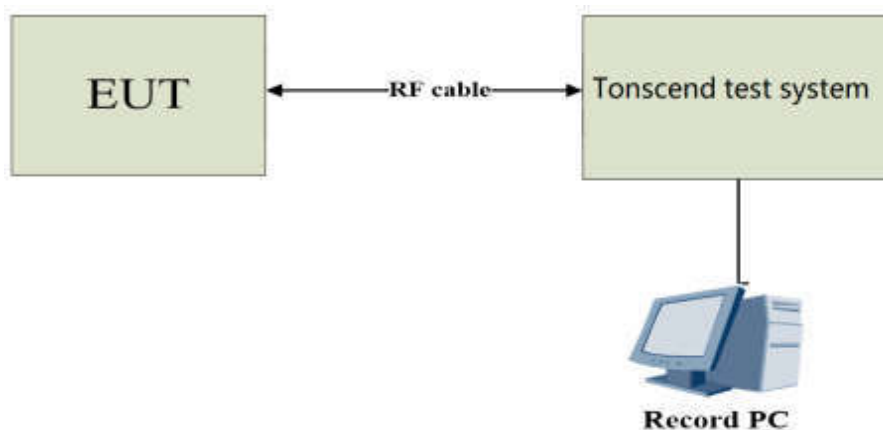
Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

The EUT was directly connected to the tonskend test system

3.3.3 Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points $\geq 2 \times (\text{span} / \text{RBW})$
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
10. Add $10 \cdot \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \cdot \log(1/0.25) = 6 \text{ dB}$ if the duty cycle is 25 percent

3.3.4 Test Setup



3.3.5 Result

Non-beforming mode:

TestMode	Antenna	Frequency [MHz]	The conducted power spectral density [dBm/MHz]	Gain [dBi]	The maximum e.i.r.p. spectral density [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant0	5955	-3.77	4.24	0.47	≤5.00	PASS
11A-CDD	Ant1	5955	-3.47	4.92	1.45	≤5.00	PASS
11A-CDD	Ant2	5955	-2.74	4.84	2.1	≤5.00	PASS
11A-CDD	Ant3	5955	-3.00	4.35	1.35	≤5.00	PASS
11A-CDD	total	5955	2.79	1.16	3.95	≤5.00	PASS
11A-CDD	Ant0	6175	-3.00	4.24	1.24	≤5.00	PASS
11A-CDD	Ant1	6175	-2.46	4.92	2.46	≤5.00	PASS
11A-CDD	Ant2	6175	-2.61	4.84	2.23	≤5.00	PASS
11A-CDD	Ant3	6175	-3.54	4.35	0.81	≤5.00	PASS
11A-CDD	total	6175	3.14	1.16	4.3	≤5.00	PASS
11A-CDD	Ant0	6415	-3.07	4.24	1.17	≤5.00	PASS
11A-CDD	Ant1	6415	-2.13	4.92	2.79	≤5.00	PASS
11A-CDD	Ant2	6415	-3.22	4.84	1.62	≤5.00	PASS
11A-CDD	Ant3	6415	-3.79	4.35	0.56	≤5.00	PASS
11A-CDD	total	6415	3.01	1.16	4.17	≤5.00	PASS
11A-CDD	Ant0	6435	-2.62	4.24	1.62	≤5.00	PASS
11A-CDD	Ant1	6435	-2.68	4.92	2.24	≤5.00	PASS
11A-CDD	Ant2	6435	-2.67	4.84	2.17	≤5.00	PASS
11A-CDD	Ant3	6435	-3.04	4.35	1.31	≤5.00	PASS
11A-CDD	total	6435	3.27	1.16	4.43	≤5.00	PASS
11A-CDD	Ant0	6475	-2.51	4.24	1.73	≤5.00	PASS
11A-CDD	Ant1	6475	-2.98	4.92	1.94	≤5.00	PASS
11A-CDD	Ant2	6475	-2.57	4.84	2.27	≤5.00	PASS
11A-CDD	Ant3	6475	-3.52	4.35	0.83	≤5.00	PASS
11A-CDD	total	6475	3.14	1.16	4.3	≤5.00	PASS
11A-CDD	Ant0	6515	-2.69	4.24	1.55	≤5.00	PASS
11A-CDD	Ant1	6515	-2.32	4.92	2.6	≤5.00	PASS
11A-CDD	Ant2	6515	-2.34	4.84	2.5	≤5.00	PASS
11A-CDD	Ant3	6515	-3.33	4.35	1.02	≤5.00	PASS
11A-CDD	total	6515	3.37	1.16	4.53	≤5.00	PASS
11A-CDD	Ant0	6535	-2.94	4.24	1.3	≤5.00	PASS
11A-CDD	Ant1	6535	-2.57	4.92	2.35	≤5.00	PASS
11A-CDD	Ant2	6535	-2.06	4.84	2.78	≤5.00	PASS
11A-CDD	Ant3	6535	-3.42	4.35	0.93	≤5.00	PASS
11A-CDD	total	6535	3.30	1.16	4.46	≤5.00	PASS
11A-CDD	Ant0	6695	-3.06	4.24	1.18	≤5.00	PASS
11A-CDD	Ant1	6695	-3.88	4.92	1.04	≤5.00	PASS

11A-CDD	Ant2	6695	-3.00	4.84	1.84	≤5.00	PASS
11A-CDD	Ant3	6695	-3.68	4.35	0.67	≤5.00	PASS
11A-CDD	total	6695	2.63	1.16	3.79	≤5.00	PASS
11A-CDD	Ant0	6855	-2.89	4.24	1.35	≤5.00	PASS
11A-CDD	Ant1	6855	-4.41	4.92	0.51	≤5.00	PASS
11A-CDD	Ant2	6855	-2.66	4.84	2.18	≤5.00	PASS
11A-CDD	Ant3	6855	-3.22	4.35	1.13	≤5.00	PASS
11A-CDD	total	6855	2.78	1.16	3.94	≤5.00	PASS
11A-CDD	Ant0	6875	-2.41	4.24	1.83	≤5.00	PASS
11A-CDD	Ant1	6875	-4.31	4.92	0.61	≤5.00	PASS
11A-CDD	Ant2	6875	-2.53	4.84	2.31	≤5.00	PASS
11A-CDD	Ant3	6875	-3.03	4.35	1.32	≤5.00	PASS
11A-CDD	total	6875	3.01	1.16	4.17	≤5.00	PASS
11A-CDD	Ant0	6895	-2.50	4.24	1.74	≤5.00	PASS
11A-CDD	Ant1	6895	-4.48	4.92	0.44	≤5.00	PASS
11A-CDD	Ant2	6895	-2.30	4.84	2.54	≤5.00	PASS
11A-CDD	Ant3	6895	-3.26	4.35	1.09	≤5.00	PASS
11A-CDD	total	6895	2.97	1.16	4.13	≤5.00	PASS
11A-CDD	Ant0	6995	-3.51	4.24	0.73	≤5.00	PASS
11A-CDD	Ant1	6995	-3.78	4.92	1.14	≤5.00	PASS
11A-CDD	Ant2	6995	-2.63	4.84	2.21	≤5.00	PASS
11A-CDD	Ant3	6995	-3.28	4.35	1.07	≤5.00	PASS
11A-CDD	total	6995	2.74	1.16	3.9	≤5.00	PASS
11A-CDD	Ant0	7115	-3.08	4.24	1.16	≤5.00	PASS
11A-CDD	Ant1	7115	-3.77	4.92	1.15	≤5.00	PASS
11A-CDD	Ant2	7115	-2.27	4.84	2.57	≤5.00	PASS
11A-CDD	Ant3	7115	-3.25	4.35	1.1	≤5.00	PASS
11A-CDD	total	7115	2.96	1.16	4.12	≤5.00	PASS
11BE20MIMO	Ant0	5955	-3.63	4.24	0.61	≤5.00	PASS
11BE20MIMO	Ant1	5955	-3.37	4.92	1.55	≤5.00	PASS
11BE20MIMO	Ant2	5955	-2.69	4.84	2.15	≤5.00	PASS
11BE20MIMO	Ant3	5955	-3.25	4.35	1.1	≤5.00	PASS
11BE20MIMO	total	5955	2.80	1.16	3.96	≤5.00	PASS
11BE20MIMO	Ant0	6175	-3.50	4.24	0.74	≤5.00	PASS
11BE20MIMO	Ant1	6175	-2.86	4.92	2.06	≤5.00	PASS
11BE20MIMO	Ant2	6175	-3.14	4.84	1.7	≤5.00	PASS
11BE20MIMO	Ant3	6175	-4.24	4.35	0.11	≤5.00	PASS
11BE20MIMO	total	6175	2.62	1.16	3.78	≤5.00	PASS
11BE20MIMO	Ant0	6415	-3.47	4.24	0.77	≤5.00	PASS
11BE20MIMO	Ant1	6415	-2.32	4.92	2.6	≤5.00	PASS
11BE20MIMO	Ant2	6415	-3.60	4.84	1.24	≤5.00	PASS
11BE20MIMO	Ant3	6415	-3.91	4.35	0.44	≤5.00	PASS
11BE20MIMO	total	6415	2.74	1.16	3.9	≤5.00	PASS

11BE20MIMO	Ant0	6435	-2.64	4.24	1.6	≤5.00	PASS
11BE20MIMO	Ant1	6435	-2.95	4.92	1.97	≤5.00	PASS
11BE20MIMO	Ant2	6435	-2.82	4.84	2.02	≤5.00	PASS
11BE20MIMO	Ant3	6435	-3.24	4.35	1.11	≤5.00	PASS
11BE20MIMO	total	6435	3.11	1.16	4.27	≤5.00	PASS
11BE20MIMO	Ant0	6475	-2.48	4.24	1.76	≤5.00	PASS
11BE20MIMO	Ant1	6475	-2.78	4.92	2.14	≤5.00	PASS
11BE20MIMO	Ant2	6475	-2.67	4.84	2.17	≤5.00	PASS
11BE20MIMO	Ant3	6475	-3.33	4.35	1.02	≤5.00	PASS
11BE20MIMO	total	6475	3.22	1.16	4.38	≤5.00	PASS
11BE20MIMO	Ant0	6515	-2.72	4.24	1.52	≤5.00	PASS
11BE20MIMO	Ant1	6515	-2.72	4.92	2.2	≤5.00	PASS
11BE20MIMO	Ant2	6515	-2.56	4.84	2.28	≤5.00	PASS
11BE20MIMO	Ant3	6515	-3.11	4.35	1.24	≤5.00	PASS
11BE20MIMO	total	6515	3.25	1.16	4.41	≤5.00	PASS
11BE20MIMO	Ant0	6535	-2.69	4.24	1.55	≤5.00	PASS
11BE20MIMO	Ant1	6535	-2.48	4.92	2.44	≤5.00	PASS
11BE20MIMO	Ant2	6535	-2.36	4.84	2.48	≤5.00	PASS
11BE20MIMO	Ant3	6535	-3.40	4.35	0.95	≤5.00	PASS
11BE20MIMO	total	6535	3.31	1.16	4.47	≤5.00	PASS
11BE20MIMO	Ant0	6695	-2.11	4.24	2.13	≤5.00	PASS
11BE20MIMO	Ant1	6695	-2.94	4.92	1.98	≤5.00	PASS
11BE20MIMO	Ant2	6695	-2.67	4.84	2.17	≤5.00	PASS
11BE20MIMO	Ant3	6695	-2.74	4.35	1.61	≤5.00	PASS
11BE20MIMO	total	6695	3.42	1.16	4.58	≤5.00	PASS
11BE20MIMO	Ant0	6855	-2.26	4.24	1.98	≤5.00	PASS
11BE20MIMO	Ant1	6855	-3.78	4.92	1.14	≤5.00	PASS
11BE20MIMO	Ant2	6855	-2.64	4.84	2.2	≤5.00	PASS
11BE20MIMO	Ant3	6855	-2.72	4.35	1.63	≤5.00	PASS
11BE20MIMO	total	6855	3.21	1.16	4.37	≤5.00	PASS
11BE20MIMO	Ant0	6875	-2.44	4.24	1.8	≤5.00	PASS
11BE20MIMO	Ant1	6875	-4.06	4.92	0.86	≤5.00	PASS
11BE20MIMO	Ant2	6875	-2.58	4.84	2.26	≤5.00	PASS
11BE20MIMO	Ant3	6875	-2.88	4.35	1.47	≤5.00	PASS
11BE20MIMO	total	6875	3.08	1.16	4.24	≤5.00	PASS
11BE20MIMO	Ant0	6895	-2.56	4.24	1.68	≤5.00	PASS
11BE20MIMO	Ant1	6895	-3.65	4.92	1.27	≤5.00	PASS
11BE20MIMO	Ant2	6895	-2.50	4.84	2.34	≤5.00	PASS
11BE20MIMO	Ant3	6895	-2.57	4.35	1.78	≤5.00	PASS
11BE20MIMO	total	6895	3.23	1.16	4.39	≤5.00	PASS
11BE20MIMO	Ant0	6995	-2.61	4.24	1.63	≤5.00	PASS
11BE20MIMO	Ant1	6995	-2.93	4.92	1.99	≤5.00	PASS
11BE20MIMO	Ant2	6995	-2.22	4.84	2.62	≤5.00	PASS

11BE20MIMO	Ant3	6995	-2.58	4.35	1.77	≤5.00	PASS
11BE20MIMO	total	6995	3.44	1.16	4.6	≤5.00	PASS
11BE20MIMO	Ant0	7115	-2.68	4.24	1.56	≤5.00	PASS
11BE20MIMO	Ant1	7115	-3.07	4.92	1.85	≤5.00	PASS
11BE20MIMO	Ant2	7115	-2.38	4.84	2.46	≤5.00	PASS
11BE20MIMO	Ant3	7115	-2.77	4.35	1.58	≤5.00	PASS
11BE20MIMO	total	7115	3.30	1.16	4.46	≤5.00	PASS
11BE40MIMO	Ant0	5965	-3.53	4.24	0.71	≤5.00	PASS
11BE40MIMO	Ant1	5965	-3.56	4.92	1.36	≤5.00	PASS
11BE40MIMO	Ant2	5965	-3.11	4.84	1.73	≤5.00	PASS
11BE40MIMO	Ant3	5965	-2.86	4.35	1.49	≤5.00	PASS
11BE40MIMO	total	5965	2.77	1.16	3.93	≤5.00	PASS
11BE40MIMO	Ant0	6165	-2.81	4.24	1.43	≤5.00	PASS
11BE40MIMO	Ant1	6165	-2.47	4.92	2.45	≤5.00	PASS
11BE40MIMO	Ant2	6165	-2.26	4.84	2.58	≤5.00	PASS
11BE40MIMO	Ant3	6165	-3.52	4.35	0.83	≤5.00	PASS
11BE40MIMO	total	6165	3.28	1.16	4.44	≤5.00	PASS
11BE40MIMO	Ant0	6405	-3.07	4.24	1.17	≤5.00	PASS
11BE40MIMO	Ant1	6405	-2.74	4.92	2.18	≤5.00	PASS
11BE40MIMO	Ant2	6405	-3.65	4.84	1.19	≤5.00	PASS
11BE40MIMO	Ant3	6405	-4.36	4.35	-0.01	≤5.00	PASS
11BE40MIMO	total	6405	2.61	1.16	3.77	≤5.00	PASS
11BE40MIMO	Ant0	6445	-3.19	4.24	1.05	≤5.00	PASS
11BE40MIMO	Ant1	6445	-3.67	4.92	1.25	≤5.00	PASS
11BE40MIMO	Ant2	6445	-3.37	4.84	1.47	≤5.00	PASS
11BE40MIMO	Ant3	6445	-3.33	4.35	1.02	≤5.00	PASS
11BE40MIMO	total	6445	2.63	1.16	3.79	≤5.00	PASS
11BE40MIMO	Ant0	6485	-3.58	4.24	0.66	≤5.00	PASS
11BE40MIMO	Ant1	6485	-3.42	4.92	1.5	≤5.00	PASS
11BE40MIMO	Ant2	6485	-3.26	4.84	1.58	≤5.00	PASS
11BE40MIMO	Ant3	6485	-3.47	4.35	0.88	≤5.00	PASS
11BE40MIMO	total	6485	2.59	1.16	3.75	≤5.00	PASS
11BE40MIMO	Ant0	6525	-3.43	4.24	0.81	≤5.00	PASS
11BE40MIMO	Ant1	6525	-3.35	4.92	1.57	≤5.00	PASS
11BE40MIMO	Ant2	6525	-3.13	4.84	1.71	≤5.00	PASS
11BE40MIMO	Ant3	6525	-3.51	4.35	0.84	≤5.00	PASS
11BE40MIMO	total	6525	2.67	1.16	3.83	≤5.00	PASS
11BE40MIMO	Ant0	6565	-3.61	4.24	0.63	≤5.00	PASS
11BE40MIMO	Ant1	6565	-2.73	4.92	2.19	≤5.00	PASS
11BE40MIMO	Ant2	6565	-2.52	4.84	2.32	≤5.00	PASS
11BE40MIMO	Ant3	6565	-3.53	4.35	0.82	≤5.00	PASS
11BE40MIMO	total	6565	2.95	1.16	4.11	≤5.00	PASS
11BE40MIMO	Ant0	6685	-2.86	4.24	1.38	≤5.00	PASS